



## P系列行星齿轮减速机

**动力传动专业制造商**

**PROFESSIONAL MANUFACTURER OF POWER TRANSMISSION**

**设计理念:** 遵循规律, 总是超越

**DESIGN PHILOSOPHY:** To follow the law, but always beyond.

**经营理念:** 为客户需求而设计, 为客户满意而执着

**BUSINESS PHILOSOPHY:** Design for customer demand, dedication for customer satisfaction

### P系列工业齿轮箱概述：

- 采用模块化设计，可根据客户要求进行变化组合。
- 箱体采用球墨铸铁，大大提高了箱体的刚性及抗震性。
- 箱体内的太阳轮、行星轮、内齿圈及螺旋锥齿轮均采用可控气氛渗碳淬火处理，得到高硬耐磨表面，热处理后全部磨齿，降低了噪音，提高了整机的效率及使用寿命。
- 输入方式：同心轴输入，斜齿轮输入，锥齿轮—斜齿轮输入，锥齿轮输入。
- 输出方式：内花键式，空心轴收缩盘式，外花键式，实心轴平键。
- 安装形式：水平安装，垂直安装，扭力臂安装。
- P系列产品有9-34型规格，行星传动级数有2级和3级。速比为25-4000，和R、K系列组合可得到更大速比。

### P series gear units overview:

- Modular design realizes variable combination.
- Housing is made of cast iron, which improve its rigidity and anti-vibration.
- Sun and planet gears are processed by cementite and hardening, gears are processed by grinding, which improve the efficiency and lifetime of gear units.
- Input mode: coaxial input, helical gear input, bevel-helical gear input.
- Out put mode: internal involute spline, hollow shaft with shrink disk, external involute spline, solid shaft with flat key.
- Mounting mode: horizontal vertical, torque-arm.
- P series sizes 9-34, transmission stage: 2, 3, ratio: 25-4000, ratio will be larger in combination with R, K series.

### P系列型号规格表示方法举例：

#### 基本型号规格表示方法举例：

### P series model expressing example:

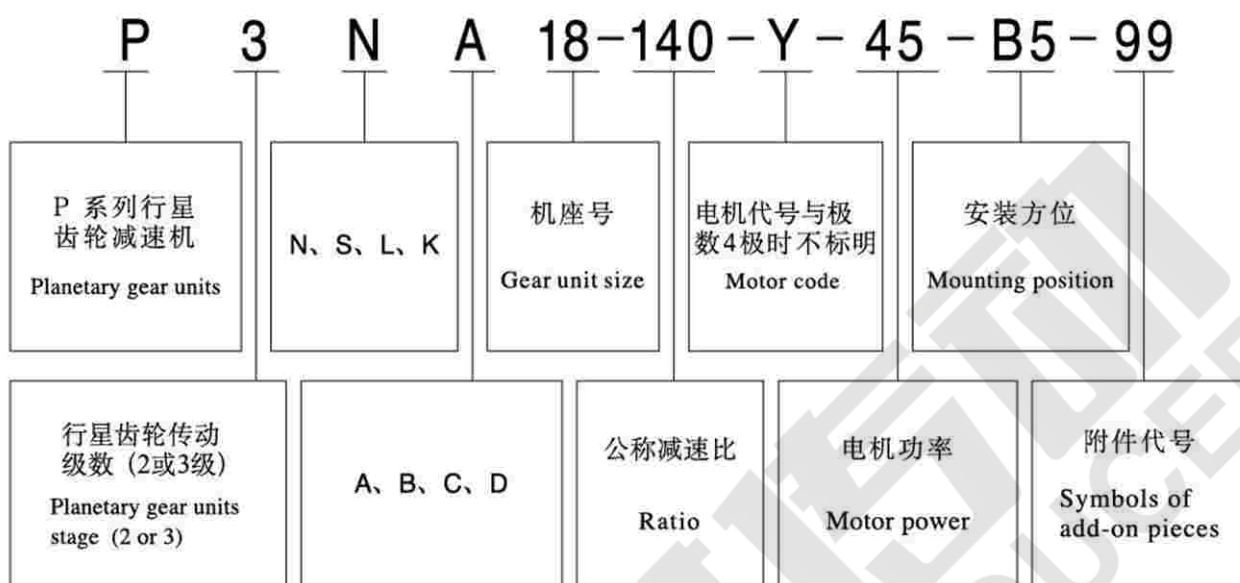
#### Basic type illustration:



P系列行星齿轮减速机 P PLANETARY GEAR UNITS

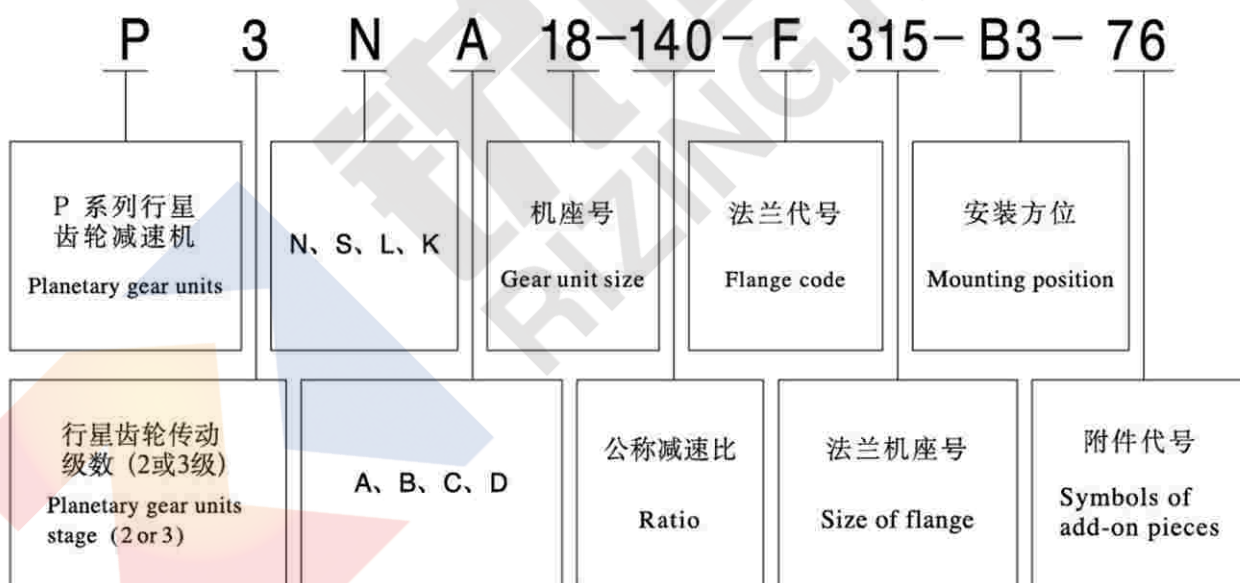
电机直联表示方法举例：

Compact motor mode illustration:



输入法兰联接表示方法举例：

Motor-flange mode illustration:



P

P系列行星齿轮减速机 P PLANETARY GEAR UNITS

P系列选型及举例：

P series type selection example:

| 序号<br>Steps | 说 明<br>Specification  | 代号<br>Symbol | 参 数 计 算<br>Calculate parameter   |                                       |   |      |        |      |      |      |     |      |
|-------------|---|--------------|--|---------------------------------------|---|------|--------|------|------|------|-----|------|
| 1           | 被驱动设备系数<br>Driven machine factor  | f1           | 查317页f1表<br>See P317 f1 table  |                                       |   |      |        |      |      |      |     |      |
| 2           | 原动机系数<br>Factor for prime mover   | f2           | 原动机系数<br>Factor for prime mover  |                                       |   |      |        | f2   |      |      |     |      |
|             |   |              | 电机、液压马达、汽轮机<br>Electric motors, hydraulic motors, turbines   |                                       |   |      |        | 1.0  |      |      |     |      |
|             |   |              | 4-6缸活塞发动机, 周期变化1: 100至1: 200<br>Piston engines 4 - 6 cylinders cyclic variation 1: 100 to 1: 200   |                                       |   |      |        | 1.25 |      |      |     |      |
|             |   |              | 1-3缸活塞发动机, 周期变化1: 100<br>Piston engines 1 - 3 cylinders cyclic variation up to 1: 100  |                                       |   |      |        | 1.5  |      |      |     |      |
| 3           | 齿轮箱许用输入转速<br>Permissible input speed  | n1           | ≤1500  |                                       |   |      |        |      |      |      |     |      |
| 4           | 确定减速比<br>Determine ratio  | i            | i=n1/n2  |                                       |   |      |        |      |      |      |     |      |
| 5           | 确定齿轮箱类型<br>选择传动效率<br>Efficiency   | η            | Type   | η                                     | Type  | η    |        |      |      |      |     |      |
|             |   |              | P2N  | 94%                                   | P3N   | 92%  |        |      |      |      |     |      |
|             |   |              | P2L  | 93%                                   | P3S   | 91%  |        |      |      |      |     |      |
|             |   |              | P2S  | 93%                                   | P3K   | 89%  |        |      |      |      |     |      |
|             |   |              | P2K  | 91%                                   |   |      |        |      |      |      |     |      |
| 6           | 以被驱动设备所需的扭矩或功率,确定齿轮箱的输入功率<br>Determine input power  | P1           | P1=T2 · n1/(9550 · i · η) 或 P1=P2/η  |                                       |   |      |        |      |      |      |     |      |
| 7           | 根据计算, 查传动能力表,确定齿轮箱规格<br>By calculation, determine type in reference to transmission table | T2N<br>P1N   | T2N ≥ T2 · f1 · f2 或 P1N ≥ P1 · f1 · f2<br>如果不满足条件: 3.33 · P1 ≥ P1N, 请向我们咨询。<br>If not meet: 3.33 · P1 ≥ P1N please consult us.              |                                       |   |      |        |      |      |      |     |      |
| 8           | 峰值扭矩校核 *<br>Check for maximum torque  | TA           | PIN ≥ TA · n1 · f3/9550  | f3                                    | 每小时峰值负荷次数<br>Load peaks per hour                        |      |        |      |      |      |     |      |
|             |   |              |  |                                       | 1-5   | 6-30 | 31-100 | >100 |      |      |     |      |
|             |   |              |  |                                       | 单向载荷<br>Steady direction of load                        | 0.5  | 0.65   | 0.7  | 0.85 |      |     |      |
|             |   |              |  | 交变载荷<br>Alternating direction of load | 0.7   | 0.95 | 1.10   | 1.25 |      |      |     |      |
| 9           | 输出轴的径向力、轴向力校核<br>Verify axial and radial forces   | Fr、Fa        | 查316页P系列Fr表<br>See page 316, P series Fr table   |                                       |   |      |        |      |      |      |     |      |
| 10          | 计算功率利用率确定其系数<br>Determine power utilization factor  | f14          | 功率利用率 Utilization = P1/P1N · 100%<br>确定其系数f14.<br>Determine f14.   | 功率利用率<br>Utilization                  | 30%   | 40%  | 50%    | 60%  | 70%  | 80%  | 90% | 100% |
|             |   |              |  | f14                                   | 0.66  | 0.77 | 0.83   | 0.90 | 0.90 | 0.95 | 1.0 | 1.0  |
| 11          | 热容量校核<br>Verify thermal capacity  | PG           | P1 ≤ PG = PG1 · f4 · f14<br>若不能满足上式,则齿轮箱需外加辅助冷却装置(根据工况要求,可采用冷却水,冷却油,风冷等形式)<br><br>If P1 > PG, auxilliary cooling system should be installed. | 环境温度系数 Ambient temperature factor f4  |   |      |        |      |      |      |     |      |
|             |   |              |  | 环境温度<br>Ambient Temperature           | 每小时工作周期 (ED) 百分比%<br>Operating cycle per hour (ED) in % |      |        |      |      |      |     |      |
|             |   |              |  |                                       | 100   | 80   | 60     | 40   | 20   |      |     |      |
|             |   |              |  | 10 °C                                 | 1.14  | 1.20 | 1.32   | 1.54 | 2.04 |      |     |      |
|             |   |              |  | 20 °C                                 | 1.00  | 1.06 | 1.16   | 1.35 | 1.79 |      |     |      |
|             |   |              |  | 30 °C                                 | 0.87  | 0.93 | 1.00   | 1.18 | 1.56 |      |     |      |
|             |   |              |  | 40 °C                                 | 0.71  | 0.75 | 0.82   | 0.96 | 1.27 |      |     |      |
| 50 °C       | 0.55  | 0.58         | 0.64   | 0.74                                  | 0.98  |      |        |      |      |      |     |      |
| 12          | 确定润滑方式<br>Verify lubrication method   |              | V1、V3、V11、V31安装方位为浸油润滑;B51强制润滑;<br>其它安装方位为飞溅润滑或油泵。<br>V1、V3、V11、V31: Dip lubrication; B51: Pump lubrication;<br>others: splash lubrication.  |                                       |   |      |        |      |      |      |     |      |
| 13          | 根据输入,输出方式,安装方位等确定具体型号及所需附件<br>Determine type according to the above.                      |              |  |                                       |   |      |        |      |      |      |     |      |

\* 峰值扭矩: 最大负载扭矩, 是指启动、制动或最大脉动载荷所引起的最大扭矩。(一般工况条件下峰值扭矩为启动或制动时的最大扭矩)  
Peak torque: Maximum torque is maximum starting torque, maximum braking torque.



## 选型举例

### Selection example

输送设备,输入转速为1000r/min,  
最大起动扭矩为2000N·m,输出转速为12.5r/min,  
输出扭矩为68000N·m,每天工作12h。  
负载持续率为60%,环境温度为0~20℃,大车间安  
装,风速约为5m/s,海拔高度为1000m以下,水平式  
法兰安装,偏心平行轴输入,输出,双轴型,实心轴普通平  
键输出。

解答:

$$f_1=1.5$$

$$f_2=1$$

$$n_1=1000$$

$$i=1000/12.5=80$$

根据速比及输入输出轴要求可选P2S型

$$\eta=0.93$$

$$P_1=T_2 \cdot n_1/(9550 \cdot i \cdot \eta)$$

$$=68000 \times 1000/(9550 \times 80 \times 0.93)=95.7\text{kW}$$

$$T_{2N} \geq T_2 \times f_1 \times f_2=68000\text{N} \cdot \text{m} \times 1.5 \times 1=102\text{kN} \cdot \text{m}$$

$$P_{1N} \geq P_1 \times f_1 \times f_2=95.7 \times 1.5 \times 1=143.55\text{kW}$$

初选P2SB14-80-B5-99

$$\text{其 } P_{1N}=153\text{kW} \quad P_{G1}=94\text{kW} \quad i_{ex}=78.827$$

校核:  $3.33 \times P_1 \geq P_{1N}$

$$3.33 \times 95.7 = 318.681\text{kW} > P_{1N} \quad \text{满足要求。}$$

峰值扭矩校核:

$$P_{1N}=153\text{kW} \geq T_A \cdot n_1 \cdot f_3/9550$$

$$=2000 \times 1000 \times 0.5/9550=104.71\text{kW} \quad \text{满足要求。}$$

热容量校核:

$$\text{公称功率利用率} = P_1/P_{1N} = 95.7/153 = 0.625 = 62.5\%$$

查P系列选型表得  $f_{14}=0.9 \quad f_4=1.16$

$$P_{G1} \times f_4 \times f_{14} = 94 \times 1.16 \times 0.9 = 100.32\text{kW} > P_1$$

因此无须外加辅助冷却装置就可满足设备要求。

根据设备要求,安装方位为B5

润滑方式:飞溅润滑

选定型号为: **P2SB14-80-B5-99**

Conveyer, input speed 1000r/min,

Max starting torque 2000N·m, output speed 12.5r/min,

Output torque 68000N·m, service time 12h/day.

Dnration of load 60% of workin circle, ambient

temperature 0~20℃, wind velocity 5m/s, large

workshops, altitude below 1000m,

horizontal flange-mounted with solid output shaft.

$$f_1=1.5$$

$$f_2=1$$

$$n_1=1000$$

$$i=1000/12.5=80$$

Choose P2S according to the above data.

$$\eta=0.93$$

$$P_1=T_2 \cdot n_1/(9550 \cdot i \cdot \eta)$$

$$=68000 \times 1000/(9550 \times 80 \times 0.93)=95.7\text{kW}$$

$$T_{2N} \geq T_2 \times f_1 \times f_2=68000\text{N} \cdot \text{m} \times 1.5 \times 1=102\text{kN} \cdot \text{m}$$

$$P_{1N} \geq P_1 \times f_1 \times f_2=95.7 \times 1.5 \times 1=143.55\text{kW}$$

Refer to transmission capacity table,

choose P2SB14-80-B5-99,

$$P_{1N}=153\text{kW} \quad P_{G1}=94\text{kW} \quad i_{ex}=78.827$$

$$\text{Check: } 3.33 \times P_1 \geq P_{1N}$$

$$3.33 \times 95.7 = 318.681\text{kW} > P_{1N}$$

Check verify peak torque:

$$P_{1N}=153\text{kW} \geq T_A \cdot n_1 \cdot f_3/9550$$

$$=2000 \times 1000 \times 0.5/9550=104.71\text{kW}$$

Check thermal capacities:

$$\text{Utilization} = P_1/P_{1N} = 95.7/153 = 0.625 = 62.5\%$$

So  $f_{14}=1$  Get  $f_4=1.16$ , according to working conditions.

$$P_{G1} \times f_4 \times f_{14} = 94 \times 1.16 \times 0.9 = 100.32\text{kW} > P_1$$

No attached cooling devices can meet requirement.

Mounting position B5

Lubrication method: splash

TYPE: **P2SB14-80-B5-99**

P系列行星齿轮减速机 P PLANETARY GEAR UNITS

符号说明:

ED= 每小时工作周期, 以百分比表示, 如ED=60%/h  
f1=被驱动设备系数  
f2=原动机系数  
f3=峰值扭矩系数  
f4=环境温度系数  
f14=设备功率利用率  
PG1=不带辅助冷却装置的齿轮箱热容量  
Fr2=允许径向力  
P1N=减速机额定许用输入功率  
TA=峰值扭矩, 或者启动、制动时最大扭矩

Symbol description:

ED=operating cycle per hour, express as percent, for example ED=60%/h  
f1=Factor for driven machine  
f2=Factor for prime mover  
f3=Peak torque factor  
f4=Ambient temperature factor  
f14=Utilization factor  
PG1=Thermal capacity for gear units without auxiliary cooling,  
Fr2=Permissible radial forces  
P1N=Required power rating  
TA=Tax. torque occurring on input shaft, e.g. peak operating, starting- or braking torque

P系列Fr2(N)表:

P series Fr(N) table:

| n1<br>(r/min) | n2N  | iN   | Fr 2 (N) |       |       |       |       |       |        |        |        |        |        |        |        |        |
|---------------|------|------|----------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
|               |      |      | 9        | 10    | 11    | 12    | 13    | 14    | 16     | 17     | 18     | 19-20  | 21-22  | 23-24  | 25-26  | 27-28  |
| 1450          | 58.0 | 25   | 9538     | 23353 | 32518 | 42407 | 34737 | 41183 | 72297  | 64454  | 69713  | 70477  | 99136  | 99347  | 123583 | 126071 |
|               | 51.8 | 28   | 9905     | 24252 | 33770 | 44039 | 36057 | 42768 | 75080  | 66935  | 72396  | 73190  | 102952 | 103171 | 128341 | 130925 |
|               | 46.0 | 31.5 | 10302    | 25223 | 35122 | 45803 | 37519 | 44481 | 78086  | 69616  | 75295  | 76121  | 107075 | 107302 | 133480 | 136167 |
|               | 40.8 | 35.5 | 10720    | 26249 | 36550 | 47665 | 39044 | 46289 | 81261  | 72446  | 78356  | 79215  | 111428 | 111665 | 138907 | 141703 |
|               | 36.3 | 40   | 11155    | 27314 | 38033 | 49599 | 40629 | 48167 | 84559  | 75386  | 81536  | 82430  | 115950 | 116196 | 144544 | 147454 |
|               | 32.2 | 45   | 11602    | 28408 | 39556 | 51585 | 42256 | 50096 | 87945  | 78404  | 84801  | 85731  | 120593 | 120849 | 150332 | 153358 |
|               | 29.0 | 50   | 12017    | 29423 | 40970 | 53429 | 43766 | 51887 | 91088  | 81207  | 87832  | 88795  | 124903 | 125169 | 155705 | 158840 |
|               | 25.9 | 56   | 12479    | 30556 | 42547 | 55486 | 45451 | 53884 | 94595  | 84333  | 91214  | 92214  | 129712 | 129988 | 161700 | 164955 |
|               | 23.0 | 63   | 12979    | 31779 | 44251 | 57708 | 47271 | 56042 | 98383  | 87710  | 94866  | 95906  | 134906 | 135193 | 168175 | 171560 |
|               | 20.4 | 71   | 13507    | 33071 | 46050 | 60054 | 49193 | 58320 | 102382 | 91276  | 98723  | 99805  | 140390 | 140689 | 175011 | 178534 |
|               | 18.1 | 80   | 14055    | 34413 | 47919 | 62491 | 51189 | 60687 | 106537 | 94980  | 102729 | 103856 | 146088 | 146398 | 182114 | 185780 |
|               | 16.1 | 90   | 14618    | 35791 | 49838 | 64993 | 53239 | 63117 | 110803 | 98783  | 106843 | 108014 | 151937 | 152260 | 189406 | 193219 |
|               | 14.5 | 100  | 15140    | 37071 | 51619 | 67316 | 55142 | 65373 | 114764 | 102314 | 110662 | 111875 | 157368 | 157703 | 196176 | 200125 |
|               | 12.9 | 112  | 15723    | 38498 | 53606 | 69908 | 57265 | 67890 | 119182 | 106253 | 114922 | 116182 | 163427 | 163774 | 203729 | 207830 |
|               | 11.6 | 125  | 16309    | 39933 | 55605 | 72514 | 59400 | 70421 | 123626 | 110215 | 119207 | 120514 | 169520 | 169880 | 211325 | 215578 |
|               | 10.4 | 140  | 16937    | 41471 | 57746 | 75306 | 61687 | 73132 | 128385 | 114458 | 123796 | 125153 | 176046 | 176420 | 219460 | 223878 |

备注: 各规格更低的输出转速按以上最大的Fr2值。 Note: If there is lower output speed, please choose the maximum Fr2 in above table.



P系列行星齿轮减速机 P PLANETARY GEAR UNITS

被驱动设备系数 f1

Service Factors

| 被驱动设备系数 Factor for driven machine |  |   |         |     | f1  |                                    |                     |
|-----------------------------------|--|---|---------|-----|---|------------------------------------|---------------------|
| 工作机<br>Driven machines            |  | 日带载运行时间<br>(小时)<br>Effective daily operating<br>period under load<br>in hours |         |     | 日带载运行时间<br>(小时)<br>Effective daily operating<br>period under load<br>in hours |                                    |                     |
|                                   |  | 0.5   | >0.5-10 | >10 |   |                                    |                     |
| <b>污水处理</b> Waste water treatment |  |   |         |     | <b>输送机械</b> Conveyors   |                                    |                     |
| 浓缩器 (中心传动)                        | Thickeners (central drive)             | -   | -       | 1.2 | 斗式输送机   | Bucket conveyors                   | - 1.4 1.5           |
| 压滤器                               | Filter presses                         | 1.0   | 1.3     | 1.5 | 绞车  | Hauling winches                    | 1.4 1.6 1.6         |
| 絮凝器                               | Flocculation apparatus                 | 0.8   | 1.0     | 1.3 | 卷扬机   | Hoists                             | - 1.5 1.8           |
| 曝气机                               | Aerators                               | -   | 1.8     | 2.0 | 皮带输送机 <150kW  | Belt conveyors < 150 kW            | 1.0 1.2 1.3         |
| 捞渣设备                              | Raking equipment                       | 1.0   | 1.2     | 1.3 | 皮带输送机 >150kW  | Belt conveyors > 150 kW            | 1.1 1.3 1.4         |
| 纵向、回转组合式接集装置                      | Combined longitudinal and rotary rakes | 1.0   | 1.3     | 1.5 | 货用电梯 *  | Goods lifts                        | - 1.2 1.5           |
| 浓缩器                               | Pre-thickeners                         | -   | 1.1     | 1.3 | 客用电梯 *  | Passenger lifts                    | - 1.5 1.8           |
| 螺杆泵                               | Screw pumps                            | -   | 1.3     | 1.5 | 刮板输送机   | Apron conveyors                    | - 1.2 1.5           |
| 水轮机                               | Water turbines                         | -   | -       | 2.0 | 自动扶梯  | Escalators                         | 1.0 1.2 1.4         |
| 泵                                 | Pumps                                  |   |         |     | 轨道行走机构  | Rail travelling gears              | - 1.5 -             |
| 离心泵                               | Centrifugal pumps                      | 1.0   | 1.2     | 1.3 | <b>变频装置</b> Frequency converters  |                                    |                     |
| 容积式泵                              | Positive-displacement pumps            |   |         |     |   |                                    | - 1.8 2.0           |
| 1个活塞                              | 1 piston                               | 1.3   | 1.4     | 1.8 | <b>往复式压缩机</b> Reciprocating compressors                                       |                                    |                     |
| >1个活塞                             | > 1piston                              | 1.2   | 1.4     | 1.5 |   |                                    | - 1.8 1.9           |
| <b>挖泥机</b> Dredgers               |  |   |         |     | <b>起重机械 **</b> Cranes   |                                    |                     |
| 斗式输送机                             | Bucket conveyors                       | -   | 1.6     | 1.6 | 回转机构 *  | Slewing gears                      | 1.0 1.4 1.8         |
| 倾卸装置                              | Dumping devices                        | -   | 1.3     | 1.5 | 俯仰机构  | Luffing gears                      | 1.0 1.1 1.4         |
| Caterpillar行走机构                   | Caterpillar travelling gears           | 1.2   | 1.6     | 1.8 | 行走机构  | Travelling gears                   | 1.1 1.6 2.0         |
| 斗式挖掘机                             | Bucket wheel excavators                |   |         |     | 提升机构  | Hoisting gears                     | 1.0 1.1 1.4         |
| 用于捡拾                              | as pick-up                             | -   | 1.7     | 1.7 | 转臂式起重机  | Derricking jib cranes              | 1.0 1.2 1.6         |
| 用于粗料                              | for primitive material                 | -   | 2.2     | 2.2 | <b>冷却塔</b> Cooling towers   |                                    |                     |
| 切碎机                               | Cutter heads                           | -   | 2.2     | 2.2 | 冷却塔风扇   | Cooling tower fans                 | - - 2.0             |
| 行走机构 *                            | Traversing gears                       | -   | 1.4     | 1.8 | 风机 (轴流和离心式)   | Blowers (axial and radial)         | - 1.4 1.5           |
| <b>弯板机</b> Plate bending machines |  | -   | 1.0     | 1.0 | <b>食品工业</b> Food industry   |                                    |                     |
| <b>化学工业</b> Chemical industry     |  |   |         |     | 蔗糖生产  | Cane sugar production              |                     |
| 挤压机                               | Extruders                              | -   | -       | 1.6 | 甘蔗切碎机 *   | Cane knives                        | - - 1.7             |
| 调浆机                               | Dough mills                            | -   | 1.8     | 1.8 | 甘蔗碾磨机   | Cane mills                         | - - 1.7             |
| 橡胶碾磨机                             | Rubber calenders                       | -   | 1.5     | 1.5 | 甜菜糖生产   | Beet sugar production              |                     |
| 冷却圆筒                              | Cooling drums                          | -   | 1.3     | 1.4 | 甜菜绞碎机   | Beet cossettes macerators,         | - - 1.2             |
| 混料机, 用于                           | Mixers for                             |   |         |     | 榨取机, 机械致  | Extraction plants, Mechanical      | - - 1.4             |
| 均匀介质                              | uniform media                          | 1.0   | 1.3     | 1.4 | 冷机、蒸发器  | refrigerators, Juice boilers,      |                     |
| 非均匀介质                             | non-uniform media                      | 1.4   | 1.6     | 1.7 | 甜菜清洗  | Sugar beet washing machines,       | - - 1.5             |
| 搅拌机, 用于                           | Agitators for media with               |   |         |     | 甜菜切碎机   | Sugar beet cutters                 |                     |
| 密度均匀介质                            | uniform density                        | 1.0   | 1.3     | 1.5 | <b>造纸机械</b> Paper machines  |                                    |                     |
| 不均匀介质                             | non-uniform density                    | 1.2   | 1.4     | 1.6 | 各种类型 ***  | of all-kind                        | - 1.8 2.0           |
| 不均匀气体吸收                           | non-uniform gas absorption             | 1.4   | 1.6     | 1.8 | 碎浆机驱动装置   | Pulper drives                      | 根据客户要求供货 On request |
| 烘炉                                | Toasters                               | 1.0   | 1.3     | 1.5 | <b>离心式压缩机</b> Centrifugal compressors   |                                    |                     |
| 离心机                               | Centrifuges                            | 1.0   | 1.2     | 1.3 |   |                                    | - 1.4 1.5           |
| <b>金属加工设备</b> Metal working mills |  |   |         |     | <b>索道缆车</b> Cableways   |                                    |                     |
| 翻板机                               | Plate tilters                          | 1.0   | 1.0     | 1.2 | 运货索道  | Material ropeways                  | - 1.3 1.4           |
| 推钢机                               | Ingot pushers                          | 1.0   | 1.2     | 1.2 | 往返系统空中索道  | To- and fro system aerial ropeways | - 1.6 1.8           |
| 绕线机                               | Winding machines                       | -   | 1.6     | 1.6 | T型杆升降机  | T-bar lifts                        | - 1.3 1.4           |
| 冷床横移架                             | Cooling bed transfer frames            | -   | 1.5     | 1.5 | 连续索道  | Continuous ropeways                | - 1.4 1.6           |
| 辊式矫直机                             | Roller straighteners                   | -   | 1.6     | 1.6 | <b>水泥工业</b> Cement industry   |                                    |                     |
| 辊道                                | Roller tables                          |   |         |     | 混凝土搅拌机  | Concrete mixers                    | - 1.5 1.5           |
| 连续式                               | continuous                             | -   | 1.5     | 1.5 | 破碎机 *   | Breakers                           | - 1.2 1.4           |
| 间歇式                               | intermittent                           | -   | 2.0     | 2.0 | 回转窑   | Rotary kilns                       | - - 2.0             |
| 可逆式轧管机                            | Reversing tube mills                   | -   | 1.8     | 1.8 | 管式磨机  | Tube mills                         | - - 2.0             |
| 剪切机                               | Shears                                 | -   | 1.5     | 1.5 | 选粉机   | Separators                         | - 1.6 1.6           |
| 连续式 *                             | continuous                             | -   | 1.5     | 1.5 | 辊压机   | Roll crushers                      | - - 2.0             |
| 曲柄式 *                             | crank type                             | 1.0   | 1.0     | 1.0 |   |                                    |                     |
| 连续铸机驱动装置                          | Continuous casting drivers             | -   | 1.4     | 1.4 |   |                                    |                     |
| 轧机                                | Rolls                                  |   |         |     |   |                                    |                     |
| 可逆式开坯机                            | Reversing blooming mills               | -   | 2.5     | 2.5 |   |                                    |                     |
| 可逆式板坯轧机                           | Reversing slabbing mills               | -   | 2.5     | 2.5 |   |                                    |                     |
| 可逆式线材轧机                           | Reversing wire mills                   | -   | 1.8     | 1.8 |   |                                    |                     |
| 可逆式薄板轧机                           | Reversing sheet mills                  | -   | 2.0     | 2.0 |   |                                    |                     |
| 可逆式中厚板轧机                          | Reversing plate mills                  | -   | 1.8     | 1.8 |   |                                    |                     |
| 辊缝调节驱动装置                          | Roll adjustment drives                 | 0.9   | 1.0     | -   |   |                                    |                     |

1. 工作机额定功率P2的确定:

\*) 按最大的扭矩确定额定功率。

\*\*) 可交载荷准确地分类。

\*\*\*) 检验热容量是绝对必要的。

2. 所列各项系数均为经验值。使用这些系数的前提条件是, 所述机械设备应符合通常的设计规范和载荷条件。如遇特殊情况, 请及时与我们联系。

3. 对于那些未列入此表的工作机械, 请与我们联系。

1.Design for power rating of driven machine P2

\*) Designed power corresponding to max. torque

\*\*) Load can be exactly classified, for Instance.

\*\*\*) A check for thermal capacity is absolutely essential.

2.The listed factors are empirical values. Prerequisite for their application is that the machinery and equipment mentioned correspond to generally accepted design and load specifications. In case of deviations from standard conditions, please refer to us.

3.For driven machines which are not listed in this table, please refer to us.

P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

P2N和P2S传动能力表: (i=25~125)

P2N & P2S transmission capacity table: (i=25~125)

| n <sub>1</sub><br>(r/min) | n <sub>2N</sub><br>(r/min) | i <sub>N</sub> | P2-9                      |                 |                         | P2-10                     |                 |                         | P2-11                     |                 |                         | P2-12                     |                 |                         | P2-13                     |                 |                         | P2-14                     |                 |                         |
|---------------------------|----------------------------|----------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|
|                           |                            |                | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |
| 1500                      | 60                         | 25             | 22                        | 25.634          | 137                     | 31                        | 25.634          | 193                     | 42                        | 25.875          | 261                     | 60                        | 24.983          | 373                     | 83                        | 24.958          | 516                     | 117                       | 24.958          | 728                     |
| 1000                      | 40                         |                |                           |                 | 91                      |                           |                 | 129                     |                           |                 | 174                     |                           |                 | 249                     |                           |                 | 344                     |                           |                 | 485                     |
| 750                       | 30                         |                |                           |                 | 68                      |                           |                 | 96                      |                           |                 | 131                     |                           |                 | 187                     |                           |                 | 258                     |                           |                 | 364                     |
| 1500                      | 54                         | 28             | 22                        | 28.058          | 123                     | 31                        | 28.058          | 173                     | 42                        | 28.233          | 235                     | 60                        | 27.26           | 336                     | 83                        | 27.318          | 465                     | 117                       | 27.318          | 655                     |
| 1000                      | 36                         |                |                           |                 | 82                      |                           |                 | 116                     |                           |                 | 157                     |                           |                 | 224                     |                           |                 | 310                     |                           |                 | 437                     |
| 750                       | 27                         |                |                           |                 | 62                      |                           |                 | 87                      |                           |                 | 118                     |                           |                 | 168                     |                           |                 | 232                     |                           |                 | 327                     |
| 1500                      | 48                         | 31.5           | 22                        | 31.142          | 109                     | 31                        | 31.142          | 154                     | 42                        | 31.207          | 209                     | 60                        | 30.13           | 298                     | 83                        | 30.321          | 413                     | 117                       | 30.321          | 582                     |
| 1000                      | 32                         |                |                           |                 | 73                      |                           |                 | 103                     |                           |                 | 139                     |                           |                 | 199                     |                           |                 | 275                     |                           |                 | 388                     |
| 750                       | 24                         |                |                           |                 | 55                      |                           |                 | 77                      |                           |                 | 104                     |                           |                 | 149                     |                           |                 | 206                     |                           |                 | 291                     |
| 1500                      | 42                         | 35.5           | 22                        | 35.201          | 96                      | 31                        | 35.201          | 135                     | 42                        | 35.072          | 183                     | 60                        | 33.863          | 261                     | 83                        | 34.272          | 361                     | 117                       | 34.272          | 509                     |
| 1000                      | 28                         |                |                           |                 | 64                      |                           |                 | 90                      |                           |                 | 122                     |                           |                 | 174                     |                           |                 | 241                     |                           |                 | 340                     |
| 750                       | 21                         |                |                           |                 | 48                      |                           |                 | 67                      |                           |                 | 91                      |                           |                 | 131                     |                           |                 | 181                     |                           |                 | 255                     |
| 1500                      | 38                         | 40             | 22                        | 40.781          | 87                      | 31                        | 40.781          | 122                     | 42                        | 40.302          | 165                     | 60                        | 38.912          | 236                     | 83                        | 39.706          | 327                     | 117                       | 39.706          | 461                     |
| 1000                      | 25                         |                |                           |                 | 57                      |                           |                 | 80                      |                           |                 | 109                     |                           |                 | 155                     |                           |                 | 215                     |                           |                 | 303                     |
| 750                       | 19                         |                |                           |                 | 43                      |                           |                 | 61                      |                           |                 | 83                      |                           |                 | 118                     |                           |                 | 163                     |                           |                 | 230                     |
| 1500                      | 33.3                       | 45             | 22                        | 45.601          | 77                      | 31                        | 45.601          | 108                     | 42                        | 43.209          | 147                     | 60                        | 41.719          | 209                     | 83                        | 43.797          | 290                     | 117                       | 43.797          | 408                     |
| 1000                      | 22.2                       |                |                           |                 | 51                      |                           |                 | 72                      |                           |                 | 98                      |                           |                 | 140                     |                           |                 | 193                     |                           |                 | 272                     |
| 750                       | 16.7                       |                |                           |                 | 38                      |                           |                 | 54                      |                           |                 | 73                      |                           |                 | 105                     |                           |                 | 145                     |                           |                 | 204                     |
| 1500                      | 30.0                       | 50             | 22                        | 51.544          | 69                      | 31                        | 51.544          | 97                      | 42                        | 48.561          | 132                     | 60                        | 46.887          | 188                     | 83                        | 49.505          | 261                     | 117                       | 49.505          | 368                     |
| 1000                      | 20.0                       |                |                           |                 | 46                      |                           |                 | 65                      |                           |                 | 88                      |                           |                 | 126                     |                           |                 | 174                     |                           |                 | 245                     |
| 750                       | 15.0                       |                |                           |                 | 35                      |                           |                 | 49                      |                           |                 | 66                      |                           |                 | 94                      |                           |                 | 130                     |                           |                 | 184                     |
| 1500                      | 26.8                       | 56             | 22                        | 59.715          | 62                      | 31                        | 59.715          | 87                      | 42                        | 55.802          | 118                     | 60                        | 53.878          | 168                     | 83                        | 57.353          | 233                     | 117                       | 57.353          | 328                     |
| 1000                      | 17.9                       |                |                           |                 | 41                      |                           |                 | 58                      |                           |                 | 79                      |                           |                 | 112                     |                           |                 | 155                     |                           |                 | 219                     |
| 750                       | 13.4                       |                |                           |                 | 31                      |                           |                 | 43                      |                           |                 | 59                      |                           |                 | 84                      |                           |                 | 116                     |                           |                 | 164                     |
| 1500                      | 23.8                       | 63             | 22                        | 61.953          | 55                      | 31                        | 61.953          | 77                      | 42                        | 63.399          | 105                     | 60                        | 61.213          | 150                     | 83                        | 59.977          | 207                     | 117                       | 59.977          | 292                     |
| 1000                      | 15.9                       |                |                           |                 | 37                      |                           |                 | 52                      |                           |                 | 70                      |                           |                 | 100                     |                           |                 | 138                     |                           |                 | 194                     |
| 750                       | 11.9                       |                |                           |                 | 27                      |                           |                 | 39                      |                           |                 | 52                      |                           |                 | 75                      |                           |                 | 103                     |                           |                 | 146                     |
| 1500                      | 21.1                       | 71             | 22                        | 71.775          | 49                      | 31                        | 71.775          | 69                      | 42                        | 72.853          | 93                      | 60                        | 70.34           | 133                     | 83                        | 69.485          | 184                     | 117                       | 69.485          | 259                     |
| 1000                      | 14.1                       |                |                           |                 | 32                      |                           |                 | 46                      |                           |                 | 62                      |                           |                 | 88                      |                           |                 | 122                     |                           |                 | 173                     |
| 750                       | 10.6                       |                |                           |                 | 24                      |                           |                 | 34                      |                           |                 | 46                      |                           |                 | 66                      |                           |                 | 92                      |                           |                 | 129                     |
| 1500                      | 18.8                       | 80             | 22                        | 78.782          | 43                      | 31                        | 78.782          | 61                      | 42                        | 81.303          | 82                      | 60                        | 78.499          | 118                     | 83                        | 78.827          | 163                     | 117                       | 78.827          | 230                     |
| 1000                      | 12.5                       |                |                           |                 | 29                      |                           |                 | 41                      |                           |                 | 50                      |                           |                 | 79                      |                           |                 | 109                     |                           |                 | 153                     |
| 750                       | 9.4                        |                |                           |                 | 22                      |                           |                 | 30                      |                           |                 | 41                      |                           |                 | 59                      |                           |                 | 81                      |                           |                 | 115                     |
| 1500                      | 16.7                       | 90             | 22                        | 91.272          | 38                      | 31                        | 91.272          | 54                      | 42                        | 93.426          | 73                      | 60                        | 90.205          | 105                     | 83                        | 91.324          | 145                     | 117                       | 91.324          | 204                     |
| 1000                      | 11.1                       |                |                           |                 | 26                      |                           |                 | 36                      |                           |                 | 49                      |                           |                 | 70                      |                           |                 | 97                      |                           |                 | 136                     |
| 750                       | 8.3                        |                |                           |                 | 19                      |                           |                 | 27                      |                           |                 | 37                      |                           |                 | 52                      |                           |                 | 72                      |                           |                 | 102                     |
| 1500                      | 15.0                       | 100            | 22                        | 99.735          | 35                      | 31                        | 99.735          | 49                      | 42                        | 99.678          | 66                      | 60                        | 96.241          | 94                      | 83                        | 95.963          | 130                     | 117                       | 95.963          | 184                     |
| 1000                      | 10.0                       |                |                           |                 | 23                      |                           |                 | 32                      |                           |                 | 44                      |                           |                 | 63                      |                           |                 | 87                      |                           |                 | 123                     |
| 750                       | 7.5                        |                |                           |                 | 17                      |                           |                 | 24                      |                           |                 | 33                      |                           |                 | 47                      |                           |                 | 65                      |                           |                 | 92                      |
| 1500                      | 13.4                       | 112            | 22                        | 115.55          | 31                      | 31                        | 115.55          | 43                      | 42                        | 114.54          | 59                      | 60                        | 110.59          | 84                      | 83                        | 111.18          | 116                     | 117                       | 111.18          | 164                     |
| 1000                      | 8.9                        |                |                           |                 | 21                      |                           |                 | 29                      |                           |                 | 39                      |                           |                 | 56                      |                           |                 | 78                      |                           |                 | 109                     |
| 750                       | 6.7                        |                |                           |                 | 15                      |                           |                 | 22                      |                           |                 | 29                      |                           |                 | 42                      |                           |                 | 58                      |                           |                 | 82                      |
| 1500                      | 12.0                       | 125            | 22                        | 124.74          | 28                      | 31                        | 124.74          | 39                      | 42                        | 123.14          | 53                      | 60                        | 118.9           | 75                      | 83                        | 119.12          | 104                     | 117                       | 119.12          | 147                     |
| 1000                      | 8.0                        |                |                           |                 | 18                      |                           |                 | 26                      |                           |                 | 35                      |                           |                 | 50                      |                           |                 | 70                      |                           |                 | 98                      |
| 750                       | 6.0                        |                |                           |                 | 14                      |                           |                 | 19                      |                           |                 | 26                      |                           |                 | 38                      |                           |                 | 52                      |                           |                 | 74                      |

P



P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

| P2-16                     |                 |                         | P2-17                     |                 |                         | P2-18                     |                 |                         | P2-19                     |                 |                         | P2-20                     |                 |                         | P2-21                     |                 |                         | i <sub>N</sub> | n <sub>2N</sub><br>(r/min) | n <sub>1</sub><br>(r/min) |
|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|----------------|----------------------------|---------------------------|
| T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |                |                            |                           |
| 160                       | 24.75           | 995                     | 202                       | 24.75           | 1256                    | 244                       | 24.958          | 1517                    | 295                       | 26.622          | 1834                    | 354                       | 26.622          | 2201                    | 392                       | 26.622          | ■                       | 25             | 60                         | 1500                      |
|                           |                 | 663                     |                           |                 | 837                     |                           |                 | 1012                    |                           |                 | 1223                    |                           |                 | 1468                    |                           |                 | 1625                    |                | 40                         | 1000                      |
|                           |                 | 497                     |                           |                 | 628                     |                           |                 | 759                     |                           |                 | 917                     |                           |                 | 1101                    |                           |                 | 1219                    |                | 30                         | 750                       |
| 160                       | 27.09           | 895                     | 202                       | 27.09           | 1131                    | 244                       | 27.318          | 1366                    | 295                       | 29.139          | 1651                    | 354                       | 29.139          | 1981                    | 392                       | 29.139          | ■                       | 28             | 54                         | 1500                      |
|                           |                 | 597                     |                           |                 | 754                     |                           |                 | 910                     |                           |                 | 1101                    |                           |                 | 1321                    |                           |                 | 1463                    |                | 36                         | 1000                      |
|                           |                 | 448                     |                           |                 | 565                     |                           |                 | 683                     |                           |                 | 825                     |                           |                 | 991                     |                           |                 | 1097                    |                | 27                         | 750                       |
| 160                       | 30.068          | 796                     | 202                       | 30.068          | 1005                    | 244                       | 30.321          | 1214                    | 295                       | 32.342          | 1468                    | 354                       | 32.342          | 1761                    | 392                       | 32.342          | 1950                    | 31.5           | 48                         | 1500                      |
|                           |                 | 531                     |                           |                 | 670                     |                           |                 | 809                     |                           |                 | 978                     |                           |                 | 1174                    |                           |                 | 1300                    |                | 32                         | 1000                      |
|                           |                 | 398                     |                           |                 | 502                     |                           |                 | 607                     |                           |                 | 734                     |                           |                 | 881                     |                           |                 | 975                     |                | 24                         | 750                       |
| 160                       | 33.987          | 696                     | 202                       | 33.987          | 879                     | 244                       | 34.272          | 1062                    | 295                       | 36.557          | 1284                    | 354                       | 36.557          | 1541                    | 392                       | 36.557          | 1706                    | 35.5           | 42                         | 1500                      |
|                           |                 | 464                     |                           |                 | 586                     |                           |                 | 708                     |                           |                 | 856                     |                           |                 | 1027                    |                           |                 | 1138                    |                | 28                         | 1000                      |
|                           |                 | 348                     |                           |                 | 440                     |                           |                 | 531                     |                           |                 | 642                     |                           |                 | 770                     |                           |                 | 853                     |                | 21                         | 750                       |
| 160                       | 39.375          | 630                     | 202                       | 39.375          | 796                     | 244                       | 39.706          | 961                     | 295                       | 42.353          | 1162                    | 354                       | 42.353          | 1394                    | 392                       | 42.353          | 1544                    | 40             | 38                         | 1500                      |
|                           |                 | 415                     |                           |                 | 523                     |                           |                 | 632                     |                           |                 | 764                     |                           |                 | 917                     |                           |                 | 1016                    |                | 25                         | 1000                      |
|                           |                 | 315                     |                           |                 | 398                     |                           |                 | 480                     |                           |                 | 581                     |                           |                 | 697                     |                           |                 | 772                     |                | 19                         | 750                       |
| 160                       | 42.318          | 558                     | 202                       | 42.318          | 705                     | 244                       | 42.867          | 852                     | 295                       | 45.725          | 1030                    | 354                       | 45.725          | 1236                    | 392                       | 46.357          | 1368                    | 45             | 33.3                       | 1500                      |
|                           |                 | 372                     |                           |                 | 470                     |                           |                 | 568                     |                           |                 | 686                     |                           |                 | 824                     |                           |                 | 912                     |                | 22.2                       | 1000                      |
|                           |                 | 279                     |                           |                 | 353                     |                           |                 | 426                     |                           |                 | 515                     |                           |                 | 618                     |                           |                 | 684                     |                | 16.7                       | 750                       |
| 160                       | 47.833          | 503                     | 202                       | 47.833          | 635                     | 244                       | 48.454          | 766                     | 295                       | 51.684          | 927                     | 354                       | 51.684          | 1112                    | 392                       | 52.399          | 1231                    | 50             | 30.0                       | 1500                      |
|                           |                 | 335                     |                           |                 | 423                     |                           |                 | 511                     |                           |                 | 618                     |                           |                 | 741                     |                           |                 | 821                     |                | 20.0                       | 1000                      |
|                           |                 | 251                     |                           |                 | 317                     |                           |                 | 383                     |                           |                 | 463                     |                           |                 | 556                     |                           |                 | 616                     |                | 15.0                       | 750                       |
| 160                       | 55.417          | 449                     | 202                       | 55.417          | 567                     | 244                       | 56.136          | 684                     | 295                       | 59.878          | 827                     | 354                       | 59.878          | 993                     | 392                       | 60.706          | 1099                    | 56             | 26.8                       | 1500                      |
|                           |                 | 299                     |                           |                 | 378                     |                           |                 | 456                     |                           |                 | 552                     |                           |                 | 662                     |                           |                 | 733                     |                | 17.9                       | 1000                      |
|                           |                 | 224                     |                           |                 | 283                     |                           |                 | 342                     |                           |                 | 414                     |                           |                 | 496                     |                           |                 | 550                     |                | 13.4                       | 750                       |
| 160                       | 61.438          | 399                     | 202                       | 61.438          | 504                     | 244                       | 60.32           | 608                     | 295                       | 64.341          | 735                     | 354                       | 64.341          | 883                     | 392                       | 66.084          | 977                     | 63             | 23.8                       | 1500                      |
|                           |                 | 266                     |                           |                 | 336                     |                           |                 | 406                     |                           |                 | 490                     |                           |                 | 588                     |                           |                 | 651                     |                | 15.9                       | 1000                      |
|                           |                 | 199                     |                           |                 | 252                     |                           |                 | 304                     |                           |                 | 368                     |                           |                 | 441                     |                           |                 | 489                     |                | 11.9                       | 750                       |
| 160                       | 71.178          | 354                     | 202                       | 71.178          | 447                     | 244                       | 69.882          | 540                     | 295                       | 74.541          | 653                     | 354                       | 74.541          | 783                     | 392                       | 76.561          | 867                     | 71             | 21.1                       | 1500                      |
|                           |                 | 236                     |                           |                 | 298                     |                           |                 | 360                     |                           |                 | 435                     |                           |                 | 522                     |                           |                 | 578                     |                | 14.1                       | 1000                      |
|                           |                 | 177                     |                           |                 | 223                     |                           |                 | 270                     |                           |                 | 326                     |                           |                 | 392                     |                           |                 | 434                     |                | 10.6                       | 750                       |
| 160                       | 78.788          | 314                     | 202                       | 78.788          | 397                     | 244                       | 78.976          | 479                     | 295                       | 84.841          | 579                     | 354                       | 84.841          | 695                     | 392                       | 84.746          | 770                     | 80             | 18.8                       | 1500                      |
|                           |                 | 209                     |                           |                 | 264                     |                           |                 | 319                     |                           |                 | 386                     |                           |                 | 463                     |                           |                 | 513                     |                | 12.5                       | 1000                      |
|                           |                 | 157                     |                           |                 | 198                     |                           |                 | 240                     |                           |                 | 290                     |                           |                 | 347                     |                           |                 | 385                     |                | 9.4                        | 750                       |
| 160                       | 91.278          | 279                     | 202                       | 91.278          | 353                     | 244                       | 91.496          | 426                     | 295                       | 97.596          | 515                     | 354                       | 97.596          | 618                     | 392                       | 98.182          | 684                     | 90             | 16.7                       | 1500                      |
|                           |                 | 186                     |                           |                 | 235                     |                           |                 | 284                     |                           |                 | 343                     |                           |                 | 412                     |                           |                 | 456                     |                | 11.1                       | 1000                      |
|                           |                 | 140                     |                           |                 | 176                     |                           |                 | 213                     |                           |                 | 257                     |                           |                 | 309                     |                           |                 | 342                     |                | 8.3                        | 750                       |
| 160                       | 96.594          | 251                     | 202                       | 96.594          | 317                     | 244                       | 95.963          | 383                     | 295                       | 102.36          | 463                     | 354                       | 102.36          | 556                     | 392                       | 103.9           | 616                     | 100            | 15.0                       | 1500                      |
|                           |                 | 168                     |                           |                 | 212                     |                           |                 | 255                     |                           |                 | 309                     |                           |                 | 371                     |                           |                 | 410                     |                | 10.0                       | 1000                      |
|                           |                 | 126                     |                           |                 | 159                     |                           |                 | 192                     |                           |                 | 232                     |                           |                 | 278                     |                           |                 | 308                     |                | 7.5                        | 750                       |
| 160                       | 111.91          | 224                     | 202                       | 111.91          | 283                     | 244                       | 111.18          | 342                     | 295                       | 118.59          | 414                     | 354                       | 118.59          | 496                     | 392                       | 120.37          | 550                     | 112            | 13.4                       | 1500                      |
|                           |                 | 150                     |                           |                 | 189                     |                           |                 | 228                     |                           |                 | 276                     |                           |                 | 331                     |                           |                 | 366                     |                | 8.9                        | 1000                      |
|                           |                 | 112                     |                           |                 | 142                     |                           |                 | 171                     |                           |                 | 207                     |                           |                 | 248                     |                           |                 | 275                     |                | 6.7                        | 750                       |
| 160                       | 120.59          | 201                     | 202                       | 120.59          | 254                     | 244                       | 119.12          | 307                     | 295                       | 127.06          | 371                     | 354                       | 127.06          | 445                     | 392                       | 129.41          | 493                     | 125            | 12.0                       | 1500                      |
|                           |                 | 134                     |                           |                 | 169                     |                           |                 | 204                     |                           |                 | 247                     |                           |                 | 297                     |                           |                 | 328                     |                | 8.0                        | 1000                      |
|                           |                 | 101                     |                           |                 | 127                     |                           |                 | 153                     |                           |                 | 185                     |                           |                 | 222                     |                           |                 | 246                     |                | 6.0                        | 750                       |

P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

P2N和P2S传动能力表: (i=25~125)

P2N & P2S transmission capacity table: (i=25~125)

| n <sub>1</sub><br>(r/min) | n <sub>2N</sub><br>(r/min) | i <sub>N</sub> | P2-22                     |                 |                         | P2-23                     |                 |                         | P2-24                     |                 |                         | P2-25                     |                 |                         | P2-26                     |                 |                         | P2-27                     |                 |                         |
|---------------------------|----------------------------|----------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|
|                           |                            |                | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |
| 1500                      | 60                         | 25             | 450                       | 26.622          | 1866                    | 531                       | 26.872          | 2172                    | 592                       | 26.872          | 2454                    | 684                       | 26.872          | 2863                    | 763                       | 26.872          | 3163                    | 852                       | 26.622          | 3532                    |
| 1000                      | 40                         |                |                           |                 | 1399                    |                           |                 | 1595                    |                           |                 | 1841                    |                           |                 | 2127                    |                           |                 | 2372                    |                           |                 | 2649                    |
| 750                       | 30                         |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 54                         | 28             | 450                       | 29.139          | 1679                    | 531                       | 29.321          | 1914                    | 592                       | 29.321          | 2209                    | 684                       | 29.321          | 2552                    | 763                       | 29.321          | 2847                    | 852                       | 29.139          | 3179                    |
| 1000                      | 36                         |                |                           |                 | 1259                    |                           |                 | 1436                    |                           |                 | 1657                    |                           |                 | 1914                    |                           |                 | 2135                    |                           |                 | 2384                    |
| 750                       | 27                         |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 48                         | 31.5           | 450                       | 32.342          | 1492                    | 531                       | 32.409          | 1701                    | 592                       | 32.409          | 1963                    | 684                       | 32.409          | 2268                    | 763                       | 32.409          | 2350                    | 852                       | 32.342          | 2826                    |
| 1000                      | 32                         |                |                           |                 | 1119                    |                           |                 | 1276                    |                           |                 | 1472                    |                           |                 | 1701                    |                           |                 | 1898                    |                           |                 | 2129                    |
| 750                       | 24                         |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 42                         | 35.5           | 450                       | 36.557          | 1306                    | 531                       | 36.424          | 1489                    | 592                       | 36.424          | 1718                    | 684                       | 36.424          | 1985                    | 763                       | 36.424          | 2214                    | 852                       | 36.557          | 2472                    |
| 1000                      | 28                         |                |                           |                 | 979                     |                           |                 | 1117                    |                           |                 | 1288                    |                           |                 | 1489                    |                           |                 | 1661                    |                           |                 | 1854                    |
| 750                       | 21                         |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 38                         | 40             | 450                       | 42.353          | 1166                    | 531                       | 41.855          | 1329                    | 592                       | 41.855          | 1534                    | 684                       | 41.855          | 1772                    | 763                       | 41.855          | 1977                    | 852                       | 42.353          | 2208                    |
| 1000                      | 25                         |                |                           |                 | 886                     |                           |                 | 1010                    |                           |                 | 1166                    |                           |                 | 1347                    |                           |                 | 1502                    |                           |                 | 1678                    |
| 750                       | 19                         |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 33.3                       | 45             | 450                       | 46.357          | 1047                    | 531                       | 45.373          | 1194                    | 592                       | 45.373          | 1377                    | 684                       | 45.373          | 1592                    | 763                       | 45.373          | 1775                    | 852                       | 46.948          | 1982                    |
| 1000                      | 22.2                       |                |                           |                 | 785                     |                           |                 | 895                     |                           |                 | 1033                    |                           |                 | 1194                    |                           |                 | 1332                    |                           |                 | 1487                    |
| 750                       | 16.7                       |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 30.0                       | 50             | 450                       | 52.399          | 942                     | 531                       | 50.993          | 1074                    | 592                       | 50.993          | 1240                    | 684                       | 50.993          | 1432                    | 763                       | 50.993          | 1598                    | 852                       | 53.067          | 1784                    |
| 1000                      | 20.0                       |                |                           |                 | 707                     |                           |                 | 806                     |                           |                 | 930                     |                           |                 | 1074                    |                           |                 | 1198                    |                           |                 | 1338                    |
| 750                       | 15.0                       |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 26.8                       | 56             | 450                       | 60.706          | 841                     | 531                       | 58.597          | 959                     | 592                       | 58.597          | 1107                    | 684                       | 58.597          | 1279                    | 763                       | 58.597          | 1427                    | 852                       | 61.48           | 1593                    |
| 1000                      | 17.9                       |                |                           |                 | 631                     |                           |                 | 719                     |                           |                 | 830                     |                           |                 | 959                     |                           |                 | 1070                    |                           |                 | 1195                    |
| 750                       | 13.4                       |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 23.8                       | 63             | 450                       | 66.084          | 748                     | 531                       | 64.442          | 853                     | 592                       | 64.442          | 984                     | 684                       | 64.442          | 1137                    | 763                       | 64.442          | 1268                    | 852                       | 66.345          | 1416                    |
| 1000                      | 15.9                       |                |                           |                 | 561                     |                           |                 | 639                     |                           |                 | 738                     |                           |                 | 853                     |                           |                 | 951                     |                           |                 | 1062                    |
| 750                       | 11.9                       |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 21.1                       | 71             | 450                       | 76.561          | 664                     | 531                       | 74.051          | 757                     | 592                       | 74.051          | 873                     | 684                       | 74.051          | 1009                    | 763                       | 74.051          | 1125                    | 852                       | 76.863          | 1256                    |
| 1000                      | 14.1                       |                |                           |                 | 498                     |                           |                 | 567                     |                           |                 | 655                     |                           |                 | 757                     |                           |                 | 844                     |                           |                 | 942                     |
| 750                       | 10.6                       |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 18.8                       | 80             | 450                       | 84.746          | 589                     | 531                       | 82.781          | 671                     | 592                       | 82.781          | 775                     | 684                       | 82.781          | 895                     | 763                       | 82.781          | 999                     | 852                       | 84.241          | 1115                    |
| 1000                      | 12.5                       |                |                           |                 | 442                     |                           |                 | 504                     |                           |                 | 581                     |                           |                 | 671                     |                           |                 | 749                     |                           |                 | 836                     |
| 750                       | 9.4                        |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 16.7                       | 90             | 450                       | 98.182          | 524                     | 531                       | 95.124          | 597                     | 592                       | 95.124          | 689                     | 684                       | 95.124          | 796                     | 763                       | 95.124          | 888                     | 852                       | 97.596          | 991                     |
| 1000                      | 11.1                       |                |                           |                 | 393                     |                           |                 | 448                     |                           |                 | 517                     |                           |                 | 597                     |                           |                 | 666                     |                           |                 | 743                     |
| 750                       | 8.3                        |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 15.0                       | 100            | 450                       | 103.9           | 471                     | 531                       | 101.6           | 537                     | 592                       | 101.6           | 620                     | 684                       | 101.6           | 716                     | 763                       | 101.6           | 799                     | 852                       | 102.36          | 892                     |
| 1000                      | 10.0                       |                |                           |                 | 353                     |                           |                 | 403                     |                           |                 | 465                     |                           |                 | 537                     |                           |                 | 599                     |                           |                 | 669                     |
| 750                       | 7.5                        |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 13.4                       | 112            | 450                       | 120.37          | 421                     | 531                       | 116.75          | 480                     | 592                       | 116.75          | 553                     | 684                       | 116.75          | 639                     | 763                       | 116.75          | 713                     | 852                       | 118.59          | 797                     |
| 1000                      | 8.9                        |                |                           |                 | 316                     |                           |                 | 360                     |                           |                 | 415                     |                           |                 | 480                     |                           |                 | 535                     |                           |                 | 597                     |
| 750                       | 6.7                        |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 12.0                       | 125            | 450                       | 129.41          | 377                     | 531                       | 125.56          | 430                     | 592                       | 125.56          | 496                     | 684                       | 125.56          | 573                     | 763                       | 125.56          | 639                     | 852                       | 127.06          | 714                     |
| 1000                      | 8.0                        |                |                           |                 | 283                     |                           |                 | 322                     |                           |                 | 372                     |                           |                 | 430                     |                           |                 | 479                     |                           |                 | 535                     |
| 750                       | 6.0                        |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |

P



P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

| P2-28                     |                 |                         | P2-29                     |                 |                         | P2-30                     |                 |                         | P2-31                     |                 |                         | P2-32                     |                 |                         | P2-33                     |                 |                         | P2-34                     |                 |                         | i <sub>N</sub> | n <sub>2N</sub><br>(r/min) | n <sub>1</sub><br>(r/min) |
|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|----------------|----------------------------|---------------------------|
| T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |                |                            |                           |
| 950                       | 26.622          | 3938                    | 1060                      | 26.622          | 4394                    | 1200                      | 26.622          | 4975                    | 1330                      | 26.872          | 5514                    | 1500                      | 26.872          | 6218                    | 1680                      | 26.622          | 6965                    | 1920                      | 26.622          | 7960                    | 25             | 60                         | 1500                      |
|                           |                 | 2954                    |                           |                 | 3296                    |                           |                 | 3731                    |                           |                 | 4135                    |                           |                 | 4664                    |                           |                 | 5223                    |                           |                 | 5970                    |                | 40                         | 1000                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 30                         | 750                       |
| 950                       | 29.139          | 3544                    | 1060                      | 29.139          | 3955                    | 1200                      | 29.139          | 4477                    | 1330                      | 29.321          | 4962                    | 1500                      | 29.321          | 5597                    | 1680                      | 29.139          | 6268                    | 1920                      | 29.139          | 7164                    | 28             | 54                         | 1500                      |
|                           |                 | 2658                    |                           |                 | 2966                    |                           |                 | 3358                    |                           |                 | 3722                    |                           |                 | 4197                    |                           |                 | 4701                    |                           |                 | 5373                    |                | 36                         | 1000                      |
|                           |                 | 4726                    |                           |                 | 5273                    |                           |                 | 5970                    |                           |                 | 6616                    |                           |                 | 7462                    |                           |                 | 8358                    |                           |                 | 9551                    |                | 27                         | 750                       |
| 950                       | 32.342          | 3151                    | 1060                      | 32.342          | 3515                    | 1200                      | 32.342          | 3980                    | 1330                      | 32.409          | 4411                    | 1500                      | 32.409          | 4975                    | 1680                      | 32.342          | 5572                    | 1920                      | 32.342          | 6368                    | 31.5           | 48                         | 1500                      |
|                           |                 | 2363                    |                           |                 | 2637                    |                           |                 | 2985                    |                           |                 | 3308                    |                           |                 | 3731                    |                           |                 | 4179                    |                           |                 | 4776                    |                | 32                         | 1000                      |
|                           |                 | 4135                    |                           |                 | 4614                    |                           |                 | 5223                    |                           |                 | 5789                    |                           |                 | 6529                    |                           |                 | 7313                    |                           |                 | 8358                    |                | 24                         | 750                       |
| 950                       | 36.557          | 2757                    | 1060                      | 36.557          | 3076                    | 1200                      | 36.557          | 3482                    | 1330                      | 36.424          | 3860                    | 1500                      | 36.424          | 4353                    | 1680                      | 36.557          | 4875                    | 1920                      | 36.557          | 5572                    | 35.5           | 42                         | 1500                      |
|                           |                 | 2068                    |                           |                 | 2307                    |                           |                 | 2612                    |                           |                 | 2895                    |                           |                 | 3265                    |                           |                 | 3656                    |                           |                 | 4179                    |                | 28                         | 1000                      |
|                           |                 | 3741                    |                           |                 | 4175                    |                           |                 | 4726                    |                           |                 | 5238                    |                           |                 | 5907                    |                           |                 | 6616                    |                           |                 | 7562                    |                | 21                         | 750                       |
| 950                       | 42.353          | 2461                    | 1060                      | 42.353          | 2746                    | 1200                      | 42.353          | 3109                    | 1330                      | 41.855          | 3446                    | 1500                      | 41.855          | 3886                    | 1680                      | 42.353          | 4353                    | 1920                      | 42.353          | 4975                    | 40             | 38                         | 1500                      |
|                           |                 | 1871                    |                           |                 | 2087                    |                           |                 | 2363                    |                           |                 | 2619                    |                           |                 | 2954                    |                           |                 | 3308                    |                           |                 | 3781                    |                | 25                         | 1000                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 19                         | 750                       |
| 950                       | 46.948          | 2210                    | 1060                      | 46.948          | 2466                    | 1200                      | 46.948          | 2792                    | 1330                      | 45.575          | 3095                    | 1500                      | 45.575          | 3490                    | 1680                      | 45.481          | 3909                    | 1920                      | 45.481          | 4467                    | 45             | 33.3                       | 1500                      |
|                           |                 | 1658                    |                           |                 | 1850                    |                           |                 | 2094                    |                           |                 | 2321                    |                           |                 | 2618                    |                           |                 | 2932                    |                           |                 | 3351                    |                | 22.2                       | 1000                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 16.7                       | 750                       |
| 950                       | 53.067          | 1989                    | 1060                      | 53.067          | 2220                    | 1200                      | 53.067          | 2513                    | 1330                      | 51.221          | 2785                    | 1500                      | 51.221          | 3141                    | 1680                      | 51.409          | 3518                    | 1920                      | 51.409          | 4021                    | 50             | 30.0                       | 1500                      |
|                           |                 | 1492                    |                           |                 | 1665                    |                           |                 | 1885                    |                           |                 | 2089                    |                           |                 | 2356                    |                           |                 | 2639                    |                           |                 | 3016                    |                | 20.0                       | 1000                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 15.0                       | 750                       |
| 950                       | 61.48           | 1776                    | 1060                      | 61.48           | 1982                    | 1200                      | 61.48           | 2244                    | 1330                      | 58.858          | 2487                    | 1500                      | 58.858          | 2805                    | 1680                      | 59.559          | 3141                    | 1920                      | 59.559          | 3590                    | 56             | 26.8                       | 1500                      |
|                           |                 | 1332                    |                           |                 | 1486                    |                           |                 | 1683                    |                           |                 | 1865                    |                           |                 | 2103                    |                           |                 | 2356                    |                           |                 | 2692                    |                | 17.9                       | 1000                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 13.4                       | 750                       |
| 950                       | 66.345          | 1579                    | 1060                      | 66.345          | 1762                    | 1200                      | 66.345          | 1994                    | 1330                      | 66.102          | 2210                    | 1500                      | 66.102          | 2493                    | 1680                      | 66.345          | 2792                    | 1920                      | 66.345          | 3191                    | 63             | 23.8                       | 1500                      |
|                           |                 | 1184                    |                           |                 | 1321                    |                           |                 | 1496                    |                           |                 | 1658                    |                           |                 | 1870                    |                           |                 | 2094                    |                           |                 | 2393                    |                | 15.9                       | 1000                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 11.9                       | 750                       |
| 950                       | 76.863          | 1401                    | 1060                      | 76.863          | 1563                    | 1200                      | 76.863          | 1770                    | 1330                      | 75.958          | 1961                    | 1500                      | 75.958          | 2212                    | 1680                      | 76.863          | 2478                    | 1920                      | 76.863          | 2831                    | 71             | 21.1                       | 1500                      |
|                           |                 | 1051                    |                           |                 | 1172                    |                           |                 | 1327                    |                           |                 | 1471                    |                           |                 | 1659                    |                           |                 | 1858                    |                           |                 | 2124                    |                | 14.1                       | 1000                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 10.6                       | 750                       |
| 950                       | 84.241          | 1243                    | 1060                      | 84.241          | 1387                    | 1200                      | 84.241          | 1571                    | 1330                      | 83.932          | 1741                    | 1500                      | 83.932          | 1963                    | 1680                      | 84.241          | 2199                    | 1920                      | 84.241          | 2513                    | 80             | 18.8                       | 1500                      |
|                           |                 | 933                     |                           |                 | 1041                    |                           |                 | 1178                    |                           |                 | 1306                    |                           |                 | 1472                    |                           |                 | 1649                    |                           |                 | 1885                    |                | 12.5                       | 1000                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 9.4                        | 750                       |
| 950                       | 97.596          | 1105                    | 1060                      | 97.596          | 1233                    | 1200                      | 97.596          | 1396                    | 1330                      | 96.448          | 1547                    | 1500                      | 96.448          | 1745                    | 1680                      | 97.596          | 1954                    | 1920                      | 97.596          | 2234                    | 90             | 16.7                       | 1500                      |
|                           |                 | 829                     |                           |                 | 925                     |                           |                 | 1047                    |                           |                 | 1160                    |                           |                 | 1309                    |                           |                 | 1466                    |                           |                 | 1675                    |                | 11.1                       | 1000                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 8.3                        | 750                       |
| 950                       | 102.36          | 995                     | 1060                      | 102.36          | 1110                    | 1200                      | 102.36          | 1256                    | 1330                      | 104.3           | 1393                    | 1500                      | 104.3           | 1571                    | 1680                      | 104.69          | 1759                    | 1920                      | 104.69          | 2010                    | 100            | 15.0                       | 1500                      |
|                           |                 | 746                     |                           |                 | 832                     |                           |                 | 942                     |                           |                 | 1044                    |                           |                 | 1178                    |                           |                 | 1319                    |                           |                 | 1508                    |                | 10.0                       | 1000                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 7.5                        | 750                       |
| 950                       | 118.59          | 888                     | 1060                      | 118.59          | 991                     | 1200                      | 118.59          | 1122                    | 1330                      | 119.96          | 1243                    | 1500                      | 119.96          | 1402                    | 1680                      | 121.28          | 1571                    | 1920                      | 121.28          | 1795                    | 112            | 13.4                       | 1500                      |
|                           |                 | 666                     |                           |                 | 743                     |                           |                 | 841                     |                           |                 | 933                     |                           |                 | 1052                    |                           |                 | 1178                    |                           |                 | 1346                    |                | 8.9                        | 1000                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 6.7                        | 750                       |
| 950                       | 127.06          | 796                     | 1060                      | 127.06          | 888                     | 1200                      | 127.06          | 1005                    | 1330                      | 127.56          | 1114                    | 1500                      | 127.56          | 1256                    | 1680                      | 129.08          | 1407                    | 1920                      | 129.08          | 1608                    | 125            | 12.0                       | 1500                      |
|                           |                 | 597                     |                           |                 | 666                     |                           |                 | 754                     |                           |                 | 836                     |                           |                 | 942                     |                           |                 | 1055                    |                           |                 | 1206                    |                | 8.0                        | 1000                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 6.0                        | 750                       |

P

P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

P3N和P3S传动能力表: (i=140~900)

P3N & P3S transmission capacity table: (i=140~900)

| n <sub>1</sub><br>(r/min) | n <sub>2N</sub><br>(r/min) | i <sub>N</sub> | P3-9                      |                 |                         | P3-10                     |                 |                         | P3-11                     |                 |                         | P3-12                     |                 |                         | P3-13                     |                 |                         | P3-14                     |                 |                         |
|---------------------------|----------------------------|----------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|
|                           |                            |                | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |
| 1500                      | 10.7                       | 140            | 22                        | 146.81          | 24.8                    | 31                        | 146.81          | 34.9                    | 42                        | 147.12          | 47.3                    | 60                        | 142.04          | 68                      | 83                        | 142.94          | 94                      | 117                       | 142.94          | 132                     |
| 1000                      | 7.1                        |                |                           |                 | 16.5                    |                           |                 | 23.3                    |                           |                 | 31.5                    |                           |                 | 45                      |                           |                 | 62                      |                           |                 | 88                      |
| 750                       | 5.4                        |                |                           |                 | 12.4                    |                           |                 | 17.5                    |                           |                 | 23.7                    |                           |                 | 34                      |                           |                 | 47                      |                           |                 | 66                      |
| 1500                      | 9.4                        | 160            | 22                        | 165.95          | 21.7                    | 31                        | 165.95          | 30.6                    | 42                        | 165.34          | 41.4                    | 60                        | 159.64          | 59                      | 83                        | 161.57          | 82                      | 117                       | 161.57          | 115                     |
| 1000                      | 6.3                        |                |                           |                 | 14.5                    |                           |                 | 20.4                    |                           |                 | 27.6                    |                           |                 | 39                      |                           |                 | 55                      |                           |                 | 77                      |
| 750                       | 4.7                        |                |                           |                 | 10.8                    |                           |                 | 15.3                    |                           |                 | 20.7                    |                           |                 | 30                      |                           |                 | 41                      |                           |                 | 58                      |
| 1500                      | 8.3                        | 180            | 22                        | 192.25          | 19.3                    | 31                        | 192.25          | 27.2                    | 42                        | 189.99          | 36.8                    | 60                        | 183.44          | 53                      | 83                        | 187.19          | 73                      | 117                       | 187.19          | 103                     |
| 1000                      | 5.6                        |                |                           |                 | 12.9                    |                           |                 | 18.1                    |                           |                 | 24.5                    |                           |                 | 35                      |                           |                 | 48                      |                           |                 | 68                      |
| 750                       | 4.2                        |                |                           |                 | 9.6                     |                           |                 | 13.6                    |                           |                 | 18.4                    |                           |                 | 26                      |                           |                 | 36                      |                           |                 | 51                      |
| 1500                      | 7.5                        | 200            | 22                        | 210.43          | 17.3                    | 31                        | 210.43          | 24.4                    | 42                        | 207.96          | 33.1                    | 60                        | 200.79          | 47                      | 83                        | 204.88          | 65                      | 117                       | 204.88          | 92                      |
| 1000                      | 5.0                        |                |                           |                 | 11.6                    |                           |                 | 16.3                    |                           |                 | 22.1                    |                           |                 | 32                      |                           |                 | 44                      |                           |                 | 62                      |
| 750                       | 3.8                        |                |                           |                 | 8.7                     |                           |                 | 12.2                    |                           |                 | 16.6                    |                           |                 | 24                      |                           |                 | 33                      |                           |                 | 46                      |
| 1500                      | 6.7                        | 225            | 22                        | 233.57          | 15.4                    | 31                        | 233.57          | 21.7                    | 42                        | 230.82          | 29.4                    | 60                        | 222.86          | 42                      | 83                        | 227.41          | 58                      | 117                       | 227.41          | 82                      |
| 1000                      | 4.4                        |                |                           |                 | 10.3                    |                           |                 | 14.5                    |                           |                 | 19.6                    |                           |                 | 28                      |                           |                 | 39                      |                           |                 | 55                      |
| 750                       | 3.3                        |                |                           |                 | 7.7                     |                           |                 | 10.9                    |                           |                 | 14.7                    |                           |                 | 21                      |                           |                 | 29                      |                           |                 | 41                      |
| 1500                      | 6.0                        | 250            | 22                        | 264.01          | 13.9                    | 31                        | 264.01          | 19.6                    | 42                        | 260.9           | 26.5                    | 60                        | 251.90          | 38                      | 83                        | 257.04          | 52                      | 117                       | 257.04          | 74                      |
| 1000                      | 4.0                        |                |                           |                 | 9.3                     |                           |                 | 13.0                    |                           |                 | 17.7                    |                           |                 | 25                      |                           |                 | 35                      |                           |                 | 49                      |
| 750                       | 3.0                        |                |                           |                 | 6.9                     |                           |                 | 9.8                     |                           |                 | 13.2                    |                           |                 | 19                      |                           |                 | 26                      |                           |                 | 37                      |
| 1500                      | 5.4                        | 280            | 22                        | 305.86          | 12.4                    | 31                        | 305.86          | 17.5                    | 42                        | 302.26          | 23.7                    | 60                        | 291.84          | 34                      | 83                        | 297.79          | 47                      | 117                       | 297.79          | 66                      |
| 1000                      | 3.6                        |                |                           |                 | 8.3                     |                           |                 | 11.6                    |                           |                 | 15.8                    |                           |                 | 23                      |                           |                 | 31                      |                           |                 | 44                      |
| 750                       | 2.7                        |                |                           |                 | 6.2                     |                           |                 | 8.7                     |                           |                 | 11.8                    |                           |                 | 17                      |                           |                 | 23                      |                           |                 | 33                      |
| 1500                      | 5.4                        | 280            | 22                        | 295.21          | 13.5                    | 31                        | 295.21          | 17.6                    | 42                        | 295.82          | 24                      | 60                        | 285.62          | 34                      | 83                        | 287.42          | 47                      | 117                       | 287.42          | 67                      |
| 1000                      | 3.6                        |                |                           |                 | 8.3                     |                           |                 | 12                      |                           |                 | 16                      |                           |                 | 23                      |                           |                 | 31                      |                           |                 | 44                      |
| 750                       | 2.7                        |                |                           |                 | 6.3                     |                           |                 | 8.8                     |                           |                 | 12                      |                           |                 | 17                      |                           |                 | 24                      |                           |                 | 33                      |
| 1500                      | 4.8                        | 315            | 22                        | 333.68          | 11                      | 31                        | 333.68          | 16                      | 42                        | 332.46          | 21                      | 60                        | 320.99          | 30                      | 83                        | 324.88          | 42                      | 117                       | 324.88          | 59                      |
| 1000                      | 3.2                        |                |                           |                 | 7.4                     |                           |                 | 10.5                    |                           |                 | 14                      |                           |                 | 20                      |                           |                 | 28                      |                           |                 | 39                      |
| 750                       | 2.4                        |                |                           |                 | 5.6                     |                           |                 | 7.8                     |                           |                 | 11                      |                           |                 | 15                      |                           |                 | 21                      |                           |                 | 30                      |
| 1500                      | 4.2                        | 355            | 22                        | 386.58          | 10                      | 31                        | 386.58          | 14                      | 42                        | 382.03          | 19                      | 60                        | 368.86          | 27                      | 83                        | 376.39          | 37                      | 117                       | 376.39          | 53                      |
| 1000                      | 2.8                        |                |                           |                 | 6.7                     |                           |                 | 9.3                     |                           |                 | 13                      |                           |                 | 18                      |                           |                 | 25                      |                           |                 | 35                      |
| 750                       | 2.1                        |                |                           |                 | 5                       |                           |                 | 7                       |                           |                 | 9                       |                           |                 | 13                      |                           |                 | 19                      |                           |                 | 26                      |
| 1500                      | 3.8                        | 400            | 22                        | 401.07          | 8.8                     | 31                        | 401.07          | 12.4                    | 42                        | 399.60          | 17                      | 60                        | 385.82          | 24                      | 83                        | 390.49          | 33                      | 117                       | 390.49          | 47                      |
| 1000                      | 2.5                        |                |                           |                 | 5.8                     |                           |                 | 8.2                     |                           |                 | 11                      |                           |                 | 16                      |                           |                 | 22                      |                           |                 | 31                      |
| 750                       | 1.9                        |                |                           |                 | 4.4                     |                           |                 | 6.2                     |                           |                 | 8                       |                           |                 | 12                      |                           |                 | 17                      |                           |                 | 23                      |
| 1500                      | 3.3                        | 450            | 22                        | 464.65          | 7.8                     | 31                        | 464.65          | 11                      | 42                        | 459.18          | 15                      | 60                        | 443.35          | 21                      | 83                        | 452.4           | 29                      | 117                       | 452.4           | 41                      |
| 1000                      | 2.2                        |                |                           |                 | 5.2                     |                           |                 | 7.3                     |                           |                 | 10                      |                           |                 | 14                      |                           |                 | 20                      |                           |                 | 28                      |
| 750                       | 1.7                        |                |                           |                 | 3.4                     |                           |                 | 5.5                     |                           |                 | 7.4                     |                           |                 | 11                      |                           |                 | 15                      |                           |                 | 21                      |
| 1500                      | 3.0                        | 500            | 22                        | 510.01          | 7                       | 31                        | 510.01          | 10                      | 42                        | 508.15          | 13.4                    | 60                        | 490.62          | 19                      | 83                        | 496.56          | 26                      | 117                       | 496.56          | 37                      |
| 1000                      | 2.0                        |                |                           |                 | 4.7                     |                           |                 | 6.6                     |                           |                 | 8.9                     |                           |                 | 13                      |                           |                 | 18                      |                           |                 | 25                      |
| 750                       | 1.5                        |                |                           |                 | 3.5                     |                           |                 | 5                       |                           |                 | 6.7                     |                           |                 | 10                      |                           |                 | 13                      |                           |                 | 19                      |
| 1500                      | 2.7                        | 560            | 22                        | 590.87          | 6.3                     | 31                        | 590.87          | 8.8                     | 42                        | 583.92          | 12                      | 60                        | 563.78          | 17                      | 83                        | 575.29          | 24                      | 117                       | 575.29          | 33                      |
| 1000                      | 1.8                        |                |                           |                 | 4.2                     |                           |                 | 6                       |                           |                 | 8                       |                           |                 | 11                      |                           |                 | 16                      |                           |                 | 22                      |
| 750                       | 1.3                        |                |                           |                 | 3.1                     |                           |                 | 4.4                     |                           |                 | 6                       |                           |                 | 9                       |                           |                 | 12                      |                           |                 | 17                      |
| 1500                      | 2.4                        | 630            | 22                        | 645.65          | 5.6                     | 31                        | 645.65          | 7.8                     | 42                        | 643.29          | 10.6                    | 60                        | 621.11          | 15                      | 83                        | 628.63          | 21                      | 117                       | 628.63          | 30                      |
| 1000                      | 1.6                        |                |                           |                 | 3.7                     |                           |                 | 5.2                     |                           |                 | 7                       |                           |                 | 10                      |                           |                 | 14                      |                           |                 | 20                      |
| 750                       | 1.2                        |                |                           |                 | 2.8                     |                           |                 | 3.9                     |                           |                 | 5.3                     |                           |                 | 8                       |                           |                 | 10                      |                           |                 | 15                      |
| 1500                      | 2.1                        | 710            | 22                        | 748.01          | 4.5                     | 31                        | 748.01          | 7                       | 42                        | 739.21          | 9.4                     | 60                        | 713.72          | 13                      | 83                        | 728.29          | 19                      | 117                       | 728.29          | 26                      |
| 1000                      | 1.4                        |                |                           |                 | 3.3                     |                           |                 | 4.5                     |                           |                 | 6.3                     |                           |                 | 9                       |                           |                 | 12                      |                           |                 | 18                      |
| 750                       | 1.1                        |                |                           |                 | 2.5                     |                           |                 | 3.5                     |                           |                 | 4.7                     |                           |                 | 7                       |                           |                 | 9                       |                           |                 | 13                      |
| 1500                      | 1.9                        | 800            | 22                        | 807.55          | 4.4                     | 31                        | 807.55          | 6.2                     | 42                        | 798.04          | 8.4                     | 60                        | 770.53          | 12                      | 83                        | 786.25          | 17                      | 117                       | 786.25          | 23                      |
| 1000                      | 1.3                        |                |                           |                 | 2.9                     |                           |                 | 4.1                     |                           |                 | 5.6                     |                           |                 | 8                       |                           |                 | 11                      |                           |                 | 16                      |
| 750                       | 0.9                        |                |                           |                 | 2.2                     |                           |                 | 3.1                     |                           |                 | 4.2                     |                           |                 | 6                       |                           |                 | 8                       |                           |                 | 12                      |
| 1500                      | 1.7                        | 900            | 22                        | 935.57          | 3.4                     | 31                        | 935.57          | 5.5                     | 42                        | 924.56          | 7.4                     | 60                        | 892.68          | 11                      | 83                        | 910.90          | 15                      | 117                       | 910.90          | 21                      |
| 1000                      | 1.1                        |                |                           |                 | 2.6                     |                           |                 | 3.7                     |                           |                 | 5                       |                           |                 | 7                       |                           |                 | 10                      |                           |                 | 14                      |
| 750                       | 0.8                        |                |                           |                 | 1.9                     |                           |                 | 2.7                     |                           |                 | 3.7                     |                           |                 | 5                       |                           |                 | 7                       |                           |                 | 10                      |



P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

| P3-16                     |                 |                         | P3-17                     |                 |                         | P3-18                     |                 |                         | P3-19                     |                 |                         | P3-20                     |                 |                         | P3-21                     |                 |                         | i <sub>N</sub> | n <sub>2N</sub><br>(r/min) | n <sub>1</sub><br>(r/min) |
|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|----------------|----------------------------|---------------------------|
| T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |                |                            |                           |
| 160                       | 143.08          | 180                     | 202                       | 143.08          | 228                     | 244                       | 142.94          | 275                     | 295                       | 152.47          | 332                     | 354                       | 152.47          | 399                     | 392                       | 152.17          | 442                     | 140            | 10.7                       | 1500                      |
|                           |                 | 120                     |                           |                 | 152                     |                           |                 | 183                     |                           |                 | 222                     |                           |                 | 266                     |                           |                 | 294                     |                | 7.1                        | 1000                      |
|                           |                 | 90                      |                           |                 | 114                     |                           |                 | 137                     |                           |                 | 166                     |                           |                 | 199                     |                           |                 | 221                     |                | 5.4                        | 750                       |
| 160                       | 161.73          | 158                     | 202                       | 161.73          | 199                     | 244                       | 161.57          | 241                     | 295                       | 172.34          | 291                     | 354                       | 172.34          | 349                     | 392                       | 172.34          | 386                     | 160            | 9.4                        | 1500                      |
|                           |                 | 105                     |                           |                 | 133                     |                           |                 | 160                     |                           |                 | 194                     |                           |                 | 233                     |                           |                 | 258                     |                | 6.3                        | 1000                      |
|                           |                 | 79                      |                           |                 | 100                     |                           |                 | 120                     |                           |                 | 145                     |                           |                 | 174                     |                           |                 | 193                     |                | 4.7                        | 750                       |
| 160                       | 187.37          | 140                     | 202                       | 187.37          | 177                     | 244                       | 187.19          | 214                     | 295                       | 199.66          | 258                     | 354                       | 199.66          | 310                     | 392                       | 199.66          | 343                     | 180            | 8.3                        | 1500                      |
|                           |                 | 93                      |                           |                 | 118                     |                           |                 | 143                     |                           |                 | 172                     |                           |                 | 207                     |                           |                 | 229                     |                | 5.6                        | 1000                      |
|                           |                 | 70                      |                           |                 | 88                      |                           |                 | 107                     |                           |                 | 129                     |                           |                 | 155                     |                           |                 | 172                     |                | 4.2                        | 750                       |
| 160                       | 204.45          | 126                     | 202                       | 204.45          | 159                     | 244                       | 204.88          | 192                     | 295                       | 218.54          | 233                     | 354                       | 218.54          | 279                     | 392                       | 218.54          | 309                     | 200            | 7.5                        | 1500                      |
|                           |                 | 84                      |                           |                 | 106                     |                           |                 | 128                     |                           |                 | 155                     |                           |                 | 186                     |                           |                 | 206                     |                | 5.0                        | 1000                      |
|                           |                 | 63                      |                           |                 | 80                      |                           |                 | 96                      |                           |                 | 116                     |                           |                 | 140                     |                           |                 | 155                     |                | 3.8                        | 750                       |
| 160                       | 225.98          | 112                     | 202                       | 225.98          | 142                     | 244                       | 227.41          | 171                     | 295                       | 242.57          | 207                     | 354                       | 242.57          | 248                     | 392                       | 242.57          | 275                     | 225            | 6.7                        | 1500                      |
|                           |                 | 75                      |                           |                 | 94                      |                           |                 | 114                     |                           |                 | 138                     |                           |                 | 165                     |                           |                 | 183                     |                | 4.4                        | 1000                      |
|                           |                 | 56                      |                           |                 | 71                      |                           |                 | 86                      |                           |                 | 103                     |                           |                 | 124                     |                           |                 | 137                     |                | 3.3                        | 750                       |
| 160                       | 253.97          | 101                     | 202                       | 253.97          | 127                     | 244                       | 257.04          | 154                     | 295                       | 274.18          | 186                     | 354                       | 274.18          | 223                     | 392                       | 274.18          | 247                     | 250            | 6.0                        | 1500                      |
|                           |                 | 67                      |                           |                 | 85                      |                           |                 | 103                     |                           |                 | 124                     |                           |                 | 149                     |                           |                 | 165                     |                | 4.0                        | 1000                      |
|                           |                 | 50                      |                           |                 | 64                      |                           |                 | 77                      |                           |                 | 93                      |                           |                 | 112                     |                           |                 | 124                     |                | 3.0                        | 750                       |
| 160                       | 291.84          | 90                      | 202                       | 291.84          | 114                     | 244                       | 297.79          | 137                     | 295                       | 317.65          | 166                     | 354                       | 317.65          | 199                     | 392                       | 317.65          | 221                     | 280            | 5.4                        | 1500                      |
|                           |                 | 60                      |                           |                 | 76                      |                           |                 | 92                      |                           |                 | 111                     |                           |                 | 133                     |                           |                 | 147                     |                | 3.6                        | 1000                      |
|                           |                 | 45                      |                           |                 | 57                      |                           |                 | 69                      |                           |                 | 83                      |                           |                 | 100                     |                           |                 | 110                     |                | 2.7                        | 750                       |
| 160                       | 268.53          | 91                      | 202                       | 268.53          | 115                     | 244                       | 283.53          | 139                     | 295                       | 302.43          | 168                     | 354                       | 302.43          | 202                     | 392                       | 302.43          | 223                     | 280            | 5.4                        | 1500                      |
|                           |                 | 61                      |                           |                 | 77                      |                           |                 | 93                      |                           |                 | 112                     |                           |                 | 134                     |                           |                 | 149                     |                | 3.6                        | 1000                      |
|                           |                 | 46                      |                           |                 | 57                      |                           |                 | 69                      |                           |                 | 84                      |                           |                 | 101                     |                           |                 | 112                     |                | 2.7                        | 750                       |
| 160                       | 303.53          | 81                      | 202                       | 303.53          | 102                     | 244                       | 320.48          | 123                     | 295                       | 341.48          | 149                     | 354                       | 341.48          | 179                     | 392                       | 341.48          | 198                     | 315            | 4.8                        | 1500                      |
|                           |                 | 54                      |                           |                 | 68                      |                           |                 | 82                      |                           |                 | 100                     |                           |                 | 119                     |                           |                 | 132                     |                | 3.2                        | 1000                      |
|                           |                 | 40                      |                           |                 | 51                      |                           |                 | 62                      |                           |                 | 75                      |                           |                 | 90                      |                           |                 | 99                      |                | 2.4                        | 750                       |
| 160                       | 351.65          | 72                      | 202                       | 351.65          | 91                      | 244                       | 371.29          | 110                     | 295                       | 396.04          | 132                     | 354                       | 396.04          | 159                     | 392                       | 396.04          | 176                     | 355            | 4.2                        | 1500                      |
|                           |                 | 48                      |                           |                 | 60                      |                           |                 | 73                      |                           |                 | 88                      |                           |                 | 106                     |                           |                 | 117                     |                | 2.8                        | 1000                      |
|                           |                 | 36                      |                           |                 | 45                      |                           |                 | 55                      |                           |                 | 66                      |                           |                 | 79                      |                           |                 | 88                      |                | 2.1                        | 750                       |
| 160                       | 396.27          | 64                      | 202                       | 396.27          | 80                      | 244                       | 388.27          | 97                      | 295                       | 414.16          | 118                     | 354                       | 414.16          | 141                     | 392                       | 414.16          | 156                     | 400            | 3.8                        | 1500                      |
|                           |                 | 43                      |                           |                 | 54                      |                           |                 | 65                      |                           |                 | 78                      |                           |                 | 94                      |                           |                 | 104                     |                | 2.5                        | 1000                      |
|                           |                 | 32                      |                           |                 | 40                      |                           |                 | 49                      |                           |                 | 59                      |                           |                 | 71                      |                           |                 | 78                      |                | 1.9                        | 750                       |
| 160                       | 459.1           | 57                      | 202                       | 459.1           | 72                      | 244                       | 449.83          | 86                      | 295                       | 479.82          | 104                     | 354                       | 479.82          | 125                     | 392                       | 479.82          | 139                     | 450            | 3.3                        | 1500                      |
|                           |                 | 38                      |                           |                 | 48                      |                           |                 | 58                      |                           |                 | 70                      |                           |                 | 84                      |                           |                 | 93                      |                | 2.2                        | 1000                      |
|                           |                 | 28                      |                           |                 | 36                      |                           |                 | 43                      |                           |                 | 52                      |                           |                 | 63                      |                           |                 | 69                      |                | 1.7                        | 750                       |
| 160                       | 508.18          | 51                      | 202                       | 508.18          | 64                      | 244                       | 510.30          | 78                      | 295                       | 544.32          | 94                      | 354                       | 544.32          | 113                     | 392                       | 544.32          | 125                     | 500            | 3.0                        | 1500                      |
|                           |                 | 34                      |                           |                 | 43                      |                           |                 | 52                      |                           |                 | 63                      |                           |                 | 75                      |                           |                 | 83                      |                | 2.0                        | 1000                      |
|                           |                 | 26                      |                           |                 | 32                      |                           |                 | 39                      |                           |                 | 47                      |                           |                 | 56                      |                           |                 | 62                      |                | 1.5                        | 750                       |
| 160                       | 588.75          | 46                      | 202                       | 588.75          | 57                      | 244                       | 591.20          | 69                      | 295                       | 630.61          | 84                      | 354                       | 630.61          | 101                     | 392                       | 630.61          | 112                     | 560            | 2.7                        | 1500                      |
|                           |                 | 30                      |                           |                 | 38                      |                           |                 | 46                      |                           |                 | 56                      |                           |                 | 67                      |                           |                 | 74                      |                | 1.8                        | 1000                      |
|                           |                 | 23                      |                           |                 | 29                      |                           |                 | 35                      |                           |                 | 42                      |                           |                 | 50                      |                           |                 | 56                      |                | 1.3                        | 750                       |
| 160                       | 623.03          | 40                      | 202                       | 623.03          | 51                      | 244                       | 621.23          | 62                      | 295                       | 662.65          | 75                      | 354                       | 662.65          | 90                      | 392                       | 662.65          | 99                      | 630            | 2.4                        | 1500                      |
|                           |                 | 27                      |                           |                 | 34                      |                           |                 | 41                      |                           |                 | 50                      |                           |                 | 60                      |                           |                 | 66                      |                | 1.6                        | 1000                      |
|                           |                 | 20                      |                           |                 | 26                      |                           |                 | 31                      |                           |                 | 37                      |                           |                 | 45                      |                           |                 | 50                      |                | 1.2                        | 750                       |
| 160                       | 721.81          | 36                      | 202                       | 721.81          | 45                      | 244                       | 719.72          | 55                      | 295                       | 767.70          | 66                      | 354                       | 767.70          | 79                      | 392                       | 767.70          | 88                      | 710            | 2.1                        | 1500                      |
|                           |                 | 24                      |                           |                 | 30                      |                           |                 | 37                      |                           |                 | 44                      |                           |                 | 53                      |                           |                 | 59                      |                | 1.4                        | 1000                      |
|                           |                 | 18                      |                           |                 | 23                      |                           |                 | 27                      |                           |                 | 33                      |                           |                 | 40                      |                           |                 | 44                      |                | 1.1                        | 750                       |
| 160                       | 776.02          | 32                      | 202                       | 776.02          | 40                      | 244                       | 771.13          | 49                      | 295                       | 822.54          | 59                      | 354                       | 822.54          | 71                      | 392                       | 822.54          | 78                      | 800            | 1.9                        | 1500                      |
|                           |                 | 21                      |                           |                 | 27                      |                           |                 | 32                      |                           |                 | 39                      |                           |                 | 47                      |                           |                 | 52                      |                | 1.3                        | 1000                      |
|                           |                 | 16                      |                           |                 | 20                      |                           |                 | 24                      |                           |                 | 29                      |                           |                 | 35                      |                           |                 | 39                      |                | 0.9                        | 750                       |
| 160                       | 891.73          | 28                      | 202                       | 891.73          | 36                      | 244                       | 893.38          | 43                      | 295                       | 952.94          | 52                      | 354                       | 952.94          | 63                      | 392                       | 952.94          | 69                      | 900            | 1.7                        | 1500                      |
|                           |                 | 19                      |                           |                 | 24                      |                           |                 | 29                      |                           |                 | 35                      |                           |                 | 42                      |                           |                 | 46                      |                | 1.1                        | 1000                      |
|                           |                 | 14                      |                           |                 | 18                      |                           |                 | 22                      |                           |                 | 26                      |                           |                 | 31                      |                           |                 | 35                      |                | 0.8                        | 750                       |

P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

P3N和P3S传动能力表: (i=140~900)

P3N & P3S transmission capacity table: (i=140~900)

| n <sub>1</sub><br>(r/min) | n <sub>2N</sub><br>(r/min) | i <sub>N</sub> | P3-22                     |                 |                         | P3-23                     |                 |                         | P3-24                     |                 |                         | P3-25                     |                 |                         | P3-26                     |                 |                         | P3-27                     |                 |                         |
|---------------------------|----------------------------|----------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|
|                           |                            |                | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |
| 1500                      | 10.7                       | 140            | 450                       | 152.17          | 507                     | 513                       | 152.79          | 578                     | 592                       | 152.79          | 667                     | 684                       | 152.79          | 711                     | 763                       | 152.79          | 860                     | 852                       | 152.47          | ■                       |
| 1000                      | 7.1                        |                |                           |                 | 338                     |                           |                 | 385                     |                           |                 | 445                     |                           |                 | 514                     |                           |                 | 573                     |                           |                 | 640                     |
| 750                       | 5.4                        |                |                           |                 | 253                     |                           |                 | 289                     |                           |                 | 333                     |                           |                 | 385                     |                           |                 | 430                     |                           |                 | 480                     |
| 1500                      | 9.4                        | 160            | 450                       | 172.34          | 444                     | 513                       | 171.71          | 506                     | 592                       | 171.71          | 584                     | 684                       | 171.71          | 674                     | 763                       | 171.71          | 752                     | 852                       | 172.34          | ■                       |
| 1000                      | 6.3                        |                |                           |                 | 296                     |                           |                 | 337                     |                           |                 | 389                     |                           |                 | 450                     |                           |                 | 501                     |                           |                 | 560                     |
| 750                       | 4.7                        |                |                           |                 | 222                     |                           |                 | 253                     |                           |                 | 292                     |                           |                 | 337                     |                           |                 | 376                     |                           |                 | 420                     |
| 1500                      | 8.3                        | 180            | 450                       | 199.66          | 394                     | 513                       | 187.32          | 450                     | 592                       | 187.32          | 519                     | 684                       | 197.32          | 599                     | 763                       | 197.32          | 669                     | 852                       | 199.66          | ■                       |
| 1000                      | 5.6                        |                |                           |                 | 263                     |                           |                 | 300                     |                           |                 | 346                     |                           |                 | 400                     |                           |                 | 446                     |                           |                 | 498                     |
| 750                       | 4.2                        |                |                           |                 | 197                     |                           |                 | 225                     |                           |                 | 259                     |                           |                 | 300                     |                           |                 | 334                     |                           |                 | 373                     |
| 1500                      | 7.5                        | 200            | 450                       | 218.54          | 355                     | 513                       | 215.97          | 405                     | 592                       | 215.97          | 467                     | 684                       | 215.97          | 539                     | 763                       | 215.97          | 602                     | 852                       | 218.54          | ■                       |
| 1000                      | 5.0                        |                |                           |                 | 237                     |                           |                 | 270                     |                           |                 | 311                     |                           |                 | 360                     |                           |                 | 401                     |                           |                 | 448                     |
| 750                       | 3.8                        |                |                           |                 | 177                     |                           |                 | 202                     |                           |                 | 233                     |                           |                 | 270                     |                           |                 | 301                     |                           |                 | 336                     |
| 1500                      | 6.7                        | 225            | 460                       | 242.57          | 315                     | 513                       | 239.71          | 360                     | 592                       | 239.71          | 415                     | 684                       | 239.71          | 479                     | 763                       | 239.71          | 535                     | 82                        | 242.57          | 597                     |
| 1000                      | 4.4                        |                |                           |                 | 210                     |                           |                 | 240                     |                           |                 | 277                     |                           |                 | 320                     |                           |                 | 357                     |                           |                 | 398                     |
| 750                       | 3.3                        |                |                           |                 | 158                     |                           |                 | 180                     |                           |                 | 207                     |                           |                 | 240                     |                           |                 | 267                     |                           |                 | 299                     |
| 1500                      | 6.0                        | 250            | 450                       | 274.18          | 284                     | 513                       | 270.95          | 324                     | 592                       | 270.95          | 373                     | 684                       | 270.95          | 432                     | 763                       | 270.95          | 481                     | 852                       | 274.18          | 538                     |
| 1000                      | 4.0                        |                |                           |                 | 189                     |                           |                 | 216                     |                           |                 | 249                     |                           |                 | 288                     |                           |                 | 321                     |                           |                 | 358                     |
| 750                       | 3.0                        |                |                           |                 | 142                     |                           |                 | 162                     |                           |                 | 187                     |                           |                 | 216                     |                           |                 | 241                     |                           |                 | 269                     |
| 1500                      | 5.4                        | 280            | 450                       | 317.65          | 253                     | 513                       | 313.91          | 289                     | 592                       | 313.91          | 333                     | 684                       | 313.91          | 385                     | 763                       | 313.91          | 430                     | 852                       | 317.65          | 480                     |
| 1000                      | 3.6                        |                |                           |                 | 169                     |                           |                 | 193                     |                           |                 | 222                     |                           |                 | 257                     |                           |                 | 287                     |                           |                 | 320                     |
| 750                       | 2.7                        |                |                           |                 | 127                     |                           |                 | 144                     |                           |                 | 167                     |                           |                 | 193                     |                           |                 | 215                     |                           |                 | 240                     |
| 1500                      | 5.4                        | 280            | 450                       | 302.43          | 256                     | 513                       | 295.28          | 292                     | 592                       | 295.28          | 337                     | 684                       | 295.28          | 389                     | 763                       | 295.28          | 434                     | 852                       | 296.01          | 485                     |
| 1000                      | 3.6                        |                |                           |                 | 171                     |                           |                 | 195                     |                           |                 | 225                     |                           |                 | 260                     |                           |                 | 290                     |                           |                 | 323                     |
| 750                       | 2.7                        |                |                           |                 | 128                     |                           |                 | 146                     |                           |                 | 168                     |                           |                 | 195                     |                           |                 | 217                     |                           |                 | 242                     |
| 1500                      | 4.8                        | 315            | 450                       | 341.48          | 228                     | 513                       | 331.86          | 260                     | 592                       | 331.86          | 300                     | 684                       | 331.86          | 346                     | 763                       | 331.86          | 386                     | 852                       | 334.59          | 431                     |
| 1000                      | 3.2                        |                |                           |                 | 152                     |                           |                 | 173                     |                           |                 | 200                     |                           |                 | 231                     |                           |                 | 257                     |                           |                 | 287                     |
| 750                       | 2.4                        |                |                           |                 | 114                     |                           |                 | 130                     |                           |                 | 150                     |                           |                 | 173                     |                           |                 | 193                     |                           |                 | 216                     |
| 1500                      | 4.2                        | 355            | 450                       | 396.04          | 202                     | 513                       | 381.34          | 230                     | 592                       | 381.34          | 266                     | 684                       | 381.34          | 307                     | 763                       | 381.34          | 343                     | 852                       | 387.63          | 383                     |
| 1000                      | 2.8                        |                |                           |                 | 135                     |                           |                 | 154                     |                           |                 | 177                     |                           |                 | 205                     |                           |                 | 228                     |                           |                 | 255                     |
| 750                       | 2.1                        |                |                           |                 | 101                     |                           |                 | 115                     |                           |                 | 133                     |                           |                 | 154                     |                           |                 | 171                     |                           |                 | 191                     |
| 1500                      | 3.8                        | 400            | 450                       | 414.16          | 179                     | 513                       | 426.24          | 204                     | 592                       | 426.24          | 236                     | 684                       | 426.24          | 273                     | 763                       | 426.24          | 304                     | 852                       | 416.52          | 339                     |
| 1000                      | 2.5                        |                |                           |                 | 120                     |                           |                 | 136                     |                           |                 | 157                     |                           |                 | 182                     |                           |                 | 203                     |                           |                 | 226                     |
| 750                       | 1.9                        |                |                           |                 | 90                      |                           |                 | 102                     |                           |                 | 118                     |                           |                 | 136                     |                           |                 | 152                     |                           |                 | 170                     |
| 1500                      | 3.3                        | 450            | 450                       | 479.82          | 159                     | 513                       | 489.8           | 182                     | 592                       | 489.8           | 210                     | 684                       | 489.8           | 242                     | 763                       | 489.8           | 270                     | 852                       | 482.56          | 302                     |
| 1000                      | 2.2                        |                |                           |                 | 106                     |                           |                 | 121                     |                           |                 | 140                     |                           |                 | 162                     |                           |                 | 180                     |                           |                 | 201                     |
| 750                       | 1.7                        |                |                           |                 | 80                      |                           |                 | 91                      |                           |                 | 105                     |                           |                 | 121                     |                           |                 | 135                     |                           |                 | 151                     |
| 1500                      | 3.0                        | 500            | 450                       | 544.32          | 143                     | 513                       | 546.62          | 164                     | 592                       | 546.62          | 189                     | 684                       | 546.6           | 218                     | 763                       | 546.6           | 243                     | 852                       | 545.35          | 272                     |
| 1000                      | 2.0                        |                |                           |                 | 96                      |                           |                 | 109                     |                           |                 | 126                     |                           |                 | 145                     |                           |                 | 162                     |                           |                 | 181                     |
| 750                       | 1.5                        |                |                           |                 | 72                      |                           |                 | 82                      |                           |                 | 94                      |                           |                 | 109                     |                           |                 | 122                     |                           |                 | 136                     |
| 1500                      | 2.7                        | 560            | 450                       | 630.61          | 128                     | 513                       | 628.12          | 146                     | 592                       | 628.12          | 168                     | 684                       | 628.12          | 195                     | 763                       | 628.12          | 217                     | 852                       | 631.81          | 242                     |
| 1000                      | 1.8                        |                |                           |                 | 85                      |                           |                 | 97                      |                           |                 | 112                     |                           |                 | 130                     |                           |                 | 145                     |                           |                 | 162                     |
| 750                       | 1.3                        |                |                           |                 | 64                      |                           |                 | 73                      |                           |                 | 84                      |                           |                 | 97                      |                           |                 | 109                     |                           |                 | 121                     |
| 1500                      | 2.4                        | 630            | 450                       | 662.65          | 114                     | 513                       | 670.15          | 130                     | 592                       | 670.15          | 150                     | 684                       | 670.15          | 173                     | 763                       | 670.15          | 193                     | 852                       | 662.65          | 216                     |
| 1000                      | 1.6                        |                |                           |                 | 76                      |                           |                 | 87                      |                           |                 | 100                     |                           |                 | 115                     |                           |                 | 129                     |                           |                 | 144                     |
| 750                       | 1.2                        |                |                           |                 | 57                      |                           |                 | 65                      |                           |                 | 75                      |                           |                 | 87                      |                           |                 | 97                      |                           |                 | 108                     |
| 1500                      | 2.1                        | 710            | 450                       | 767.70          | 101                     | 513                       | 770.08          | 115                     | 592                       | 770.08          | 133                     | 684                       | 770.08          | 154                     | 763                       | 770.08          | 171                     | 852                       | 767.70          | 191                     |
| 1000                      | 1.4                        |                |                           |                 | 67                      |                           |                 | 77                      |                           |                 | 89                      |                           |                 | 102                     |                           |                 | 114                     |                           |                 | 128                     |
| 750                       | 1.1                        |                |                           |                 | 51                      |                           |                 | 58                      |                           |                 | 66                      |                           |                 | 77                      |                           |                 | 86                      |                           |                 | 96                      |
| 1500                      | 1.9                        | 800            | 450                       | 822.54          | 90                      | 513                       | 829.8           | 102                     | 592                       | 829.8           | 118                     | 684                       | 829.8           | 136                     | 763                       | 829.8           | 152                     | 852                       | 822.54          | 170                     |
| 1000                      | 1.3                        |                |                           |                 | 60                      |                           |                 | 68                      |                           |                 | 79                      |                           |                 | 91                      |                           |                 | 110                     |                           |                 | 113                     |
| 750                       | 0.9                        |                |                           |                 | 45                      |                           |                 | 51                      |                           |                 | 59                      |                           |                 | 68                      |                           |                 | 76                      |                           |                 | 85                      |
| 1500                      | 1.7                        | 900            | 450                       | 952.94          | 80                      | 513                       | 961.35          | 91                      | 592                       | 961.35          | 105                     | 684                       | 961.35          | 121                     | 763                       | 961.35          | 135                     | 852                       | 952.94          | 151                     |
| 1000                      | 1.1                        |                |                           |                 | 53                      |                           |                 | 61                      |                           |                 | 70                      |                           |                 | 81                      |                           |                 | 90                      |                           |                 | 101                     |
| 750                       | 0.8                        |                |                           |                 | 40                      |                           |                 | 45                      |                           |                 | 52                      |                           |                 | 61                      |                           |                 | 68                      |                           |                 | 75                      |



P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

| P3-28                     |                 |                         | P3-29                     |                 |                         | P3-30                     |                 |                         | P3-31                     |                 |                         | P3-32                     |                 |                         | P3-33                     |                 |                         | P3-34                     |                 |                         | i <sub>N</sub> | n <sub>2N</sub><br>(r/min) | n <sub>1</sub><br>(r/min) |
|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|----------------|----------------------------|---------------------------|
| T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |                |                            |                           |
| 950                       | 152.47          | 714                     | 1060                      | 152.47          | 796                     | 1200                      | 152.47          | 901                     | 1330                      | 152.79          | 999                     | 1500                      | 152.79          | 1127                    | 1680                      | 153.90          | 1262                    | 1920                      | 153.90          | 1442                    | 140            | 10.7                       | 1500                      |
|                           |                 | 535                     |                           |                 | 597                     |                           |                 | 676                     |                           |                 | 749                     |                           |                 | 845                     |                           |                 | 946                     |                           |                 | 1082                    |                | 7.1                        | 1000                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 5.4                        | 750                       |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 9.4                        | 1500                      |
| 950                       | 172.34          | 624                     | 1060                      | 172.34          | 697                     | 1200                      | 172.34          | 789                     | 1330                      | 171.71          | 874                     | 1500                      | 171.71          | 986                     | 1680                      | 173.96          | 1104                    | 1920                      | 173.96          | 1262                    | 160            | 6.3                        | 1000                      |
|                           |                 | 468                     |                           |                 | 522                     |                           |                 | 591                     |                           |                 | 656                     |                           |                 | 739                     |                           |                 | 828                     |                           |                 | 946                     |                | 4.7                        | 750                       |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 8.3                        | 1500                      |
| 950                       | 199.66          | 555                     | 1060                      | 199.66          | 619                     | 1200                      | 199.66          | 701                     | 1330                      | 197.32          | 777                     | 1500                      | 197.32          | 876                     | 1680                      | 201.54          | 981                     | 1920                      | 201.54          | 1122                    | 180            | 5.6                        | 1000                      |
|                           |                 | 416                     |                           |                 | 464                     |                           |                 | 526                     |                           |                 | 583                     |                           |                 | 657                     |                           |                 | 736                     |                           |                 | 841                     |                | 4.2                        | 750                       |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 7.5                        | 1500                      |
| 950                       | 218.54          | 499                     | 1060                      | 218.54          | 557                     | 1200                      | 218.54          | 631                     | 1330                      | 215.97          | 699                     | 1500                      | 215.97          | 789                     | 1680                      | 219.91          | 883                     | 1920                      | 219.91          | 1009                    | 200            | 5.0                        | 1000                      |
|                           |                 | 375                     |                           |                 | 418                     |                           |                 | 473                     |                           |                 | 524                     |                           |                 | 591                     |                           |                 | 662                     |                           |                 | 757                     |                | 3.8                        | 750                       |
|                           |                 | 666                     |                           |                 | 743                     |                           |                 | 841                     |                           |                 | 932                     |                           |                 | 1051                    |                           |                 | 1178                    |                           |                 | 1346                    |                | 6.7                        | 1500                      |
| 950                       | 242.57          | 444                     | 1060                      | 242.57          | 495                     | 1200                      | 242.57          | 561                     | 1330                      | 239.71          | 622                     | 1500                      | 239.71          | 701                     | 1680                      | 243.07          | 785                     | 1920                      | 243.07          | 897                     | 225            | 4.4                        | 1000                      |
|                           |                 | 333                     |                           |                 | 372                     |                           |                 | 421                     |                           |                 | 466                     |                           |                 | 526                     |                           |                 | 589                     |                           |                 | 673                     |                | 3.3                        | 750                       |
|                           |                 | 599                     |                           |                 | 669                     |                           |                 | 757                     |                           |                 | 839                     |                           |                 | 946                     |                           |                 | 1060                    |                           |                 | 1211                    |                | 6.0                        | 1500                      |
| 950                       | 274.18          | 400                     | 1060                      | 274.18          | 446                     | 1200                      | 274.18          | 505                     | 1330                      | 270.95          | 559                     | 1500                      | 270.95          | 631                     | 1680                      | 273.18          | 707                     | 1920                      | 273.18          | 808                     | 250            | 4.0                        | 1000                      |
|                           |                 | 300                     |                           |                 | 334                     |                           |                 | 379                     |                           |                 | 420                     |                           |                 | 473                     |                           |                 | 530                     |                           |                 | 606                     |                | 3.0                        | 750                       |
|                           |                 | 535                     |                           |                 | 597                     |                           |                 | 676                     |                           |                 | 749                     |                           |                 | 845                     |                           |                 | 946                     |                           |                 | 1082                    |                | 5.4                        | 1500                      |
| 950                       | 317.65          | 357                     | 1060                      | 317.65          | 398                     | 1200                      | 317.65          | 451                     | 1330                      | 313.91          | 499                     | 1500                      | 313.91          | 563                     | 1680                      | 313.91          | 631                     | 1920                      | 313.91          | 721                     | 280            | 3.6                        | 1000                      |
|                           |                 | 268                     |                           |                 | 299                     |                           |                 | 338                     |                           |                 | 375                     |                           |                 | 422                     |                           |                 | 473                     |                           |                 | 541                     |                | 2.7                        | 750                       |
|                           |                 | 541                     |                           |                 | 603                     |                           |                 | 683                     |                           |                 | 757                     |                           |                 | 854                     |                           |                 | 956                     |                           |                 | 1093                    |                | 5.4                        | 1500                      |
| 950                       | 296.01          | 361                     | 1060                      | 296.01          | 402                     | 1200                      | 296.01          | 455                     | 1330                      | 300.72          | 505                     | 1500                      | 300.72          | 569                     | 1680                      | 292.05          | 638                     | 1920                      | 292.05          | 729                     | 280            | 3.6                        | 1000                      |
|                           |                 | 270                     |                           |                 | 302                     |                           |                 | 342                     |                           |                 | 379                     |                           |                 | 427                     |                           |                 | 478                     |                           |                 | 546                     |                | 2.7                        | 750                       |
|                           |                 | 481                     |                           |                 | 536                     |                           |                 | 607                     |                           |                 | 673                     |                           |                 | 759                     |                           |                 | 850                     |                           |                 | 971                     |                | 4.8                        | 1500                      |
| 950                       | 334.59          | 320                     | 1060                      | 334.59          | 358                     | 1200                      | 334.59          | 405                     | 1330                      | 337.97          | 449                     | 1500                      | 337.97          | 506                     | 1680                      | 330.11          | 567                     | 1920                      | 330.11          | 648                     | 315            | 3.2                        | 1000                      |
|                           |                 | 240                     |                           |                 | 268                     |                           |                 | 304                     |                           |                 | 336                     |                           |                 | 379                     |                           |                 | 425                     |                           |                 | 486                     |                | 2.4                        | 750                       |
|                           |                 | 427                     |                           |                 | 476                     |                           |                 | 539                     |                           |                 | 597                     |                           |                 | 673                     |                           |                 | 754                     |                           |                 | 862                     |                | 4.2                        | 1500                      |
| 950                       | 387.63          | 284                     | 1060                      | 387.63          | 317                     | 1200                      | 387.63          | 359                     | 1330                      | 388.37          | 398                     | 1500                      | 388.37          | 449                     | 1680                      | 382.45          | 503                     | 1920                      | 382.45          | 575                     | 355            | 2.8                        | 1000                      |
|                           |                 | 213                     |                           |                 | 238                     |                           |                 | 269                     |                           |                 | 299                     |                           |                 | 337                     |                           |                 | 377                     |                           |                 | 431                     |                | 2.1                        | 750                       |
|                           |                 | 379                     |                           |                 | 422                     |                           |                 | 478                     |                           |                 | 530                     |                           |                 | 598                     |                           |                 | 669                     |                           |                 | 765                     |                | 3.8                        | 1500                      |
| 950                       | 416.52          | 252                     | 1060                      | 416.52          | 282                     | 1200                      | 416.52          | 319                     | 1330                      | 426.24          | 353                     | 1500                      | 426.24          | 398                     | 1680                      | 417.18          | 446                     | 1920                      | 417.18          | 510                     | 400            | 2.5                        | 1000                      |
|                           |                 | 189                     |                           |                 | 211                     |                           |                 | 239                     |                           |                 | 265                     |                           |                 | 299                     |                           |                 | 335                     |                           |                 | 383                     |                | 1.9                        | 750                       |
|                           |                 | 336                     |                           |                 | 375                     |                           |                 | 425                     |                           |                 | 471                     |                           |                 | 531                     |                           |                 | 595                     |                           |                 | 680                     |                | 3.3                        | 1500                      |
| 950                       | 482.56          | 224                     | 1060                      | 482.56          | 250                     | 1200                      | 482.56          | 283                     | 1330                      | 489.80          | 314                     | 1500                      | 489.80          | 354                     | 1680                      | 483.31          | 397                     | 1920                      | 483.31          | 453                     | 450            | 2.2                        | 1000                      |
|                           |                 | 168                     |                           |                 | 188                     |                           |                 | 213                     |                           |                 | 236                     |                           |                 | 266                     |                           |                 | 298                     |                           |                 | 340                     |                | 1.7                        | 750                       |
|                           |                 | 303                     |                           |                 | 338                     |                           |                 | 383                     |                           |                 | 424                     |                           |                 | 478                     |                           |                 | 536                     |                           |                 | 612                     |                | 3.0                        | 1500                      |
| 950                       | 545.35          | 202                     | 1060                      | 545.35          | 225                     | 1200                      | 545.35          | 255                     | 1330                      | 546.60          | 283                     | 1500                      | 546.60          | 319                     | 1680                      | 535.90          | 357                     | 1920                      | 535.90          | 408                     | 500            | 2.0                        | 1000                      |
|                           |                 | 151                     |                           |                 | 169                     |                           |                 | 191                     |                           |                 | 212                     |                           |                 | 239                     |                           |                 | 268                     |                           |                 | 306                     |                | 1.5                        | 750                       |
|                           |                 | 270                     |                           |                 | 302                     |                           |                 | 342                     |                           |                 | 379                     |                           |                 | 427                     |                           |                 | 478                     |                           |                 | 546                     |                | 2.7                        | 1500                      |
| 950                       | 631.81          | 180                     | 1060                      | 631.81          | 201                     | 1200                      | 631.81          | 228                     | 1330                      | 628.12          | 252                     | 1500                      | 628.12          | 285                     | 1680                      | 620.86          | 319                     | 1920                      | 620.86          | 364                     | 560            | 1.8                        | 1000                      |
|                           |                 | 135                     |                           |                 | 151                     |                           |                 | 171                     |                           |                 | 189                     |                           |                 | 213                     |                           |                 | 239                     |                           |                 | 273                     |                | 1.3                        | 750                       |
|                           |                 | 240                     |                           |                 | 268                     |                           |                 | 304                     |                           |                 | 336                     |                           |                 | 379                     |                           |                 | 425                     |                           |                 | 486                     |                | 2.4                        | 1500                      |
| 950                       | 662.65          | 160                     | 1060                      | 662.65          | 179                     | 1200                      | 662.65          | 202                     | 1330                      | 670.15          | 224                     | 1500                      | 670.15          | 253                     | 1680                      | 657.74          | 283                     | 1920                      | 657.74          | 324                     | 630            | 1.6                        | 1000                      |
|                           |                 | 120                     |                           |                 | 134                     |                           |                 | 152                     |                           |                 | 168                     |                           |                 | 190                     |                           |                 | 213                     |                           |                 | 243                     |                | 1.2                        | 750                       |
|                           |                 | 213                     |                           |                 | 238                     |                           |                 | 269                     |                           |                 | 299                     |                           |                 | 337                     |                           |                 | 377                     |                           |                 | 431                     |                | 2.1                        | 1500                      |
| 950                       | 767.70          | 142                     | 1060                      | 767.70          | 159                     | 1200                      | 767.70          | 180                     | 1330                      | 770.08          | 199                     | 1500                      | 770.08          | 226                     | 1680                      | 762.02          | 251                     | 1920                      | 762.02          | 287                     | 710            | 1.4                        | 1000                      |
|                           |                 | 107                     |                           |                 | 119                     |                           |                 | 135                     |                           |                 | 149                     |                           |                 | 168                     |                           |                 | 189                     |                           |                 | 215                     |                | 1.1                        | 750                       |
|                           |                 | 189                     |                           |                 | 211                     |                           |                 | 239                     |                           |                 | 265                     |                           |                 | 299                     |                           |                 | 335                     |                           |                 | 383                     |                | 1.9                        | 1500                      |
| 950                       | 822.54          | 126                     | 1060                      | 822.54          | 141                     | 1200                      | 822.54          | 159                     | 1330                      | 827.92          | 177                     | 1500                      | 827.92          | 199                     | 1680                      | 819.53          | 223                     | 1920                      | 819.53          | 255                     | 800            | 1.3                        | 1000                      |
|                           |                 | 95                      |                           |                 | 106                     |                           |                 | 120                     |                           |                 | 132                     |                           |                 | 149                     |                           |                 | 167                     |                           |                 | 191                     |                | 0.9                        | 750                       |
|                           |                 | 168                     |                           |                 | 188                     |                           |                 | 213                     |                           |                 | 236                     |                           |                 | 266                     |                           |                 | 298                     |                           |                 | 340                     |                | 1.7                        | 1500                      |
| 950                       | 952.94          | 112                     | 1060                      | 952.94          | 125                     | 1200                      | 952.94          | 142                     | 1330                      | 959.17          | 157                     | 1500                      | 959.17          | 177                     | 1680                      | 941.73          | 198                     | 1920                      | 941.73          | 227                     | 900            | 1.1                        | 1000                      |
|                           |                 | 84                      |                           |                 | 94                      |                           |                 | 106                     |                           |                 | 118                     |                           |                 | 133                     |                           |                 | 149                     |                           |                 | 170                     |                | 0.8                        | 750                       |

P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

P2L传动能力表: (i=31.5~100)

P2L transmission capacity table: (i=31.5~100)

| n <sub>1</sub><br>(r/min) | n <sub>2N</sub><br>(r/min) | i <sub>N</sub> | P2-9                      |                 |                         | P2-10                     |                 |                         | P2-11                     |                 |                         | P2-12                     |                 |                         | P2-13                     |                 |                         |
|---------------------------|----------------------------|----------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|
|                           |                            |                | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |
| 1500                      | 47.6                       | 31.5           | 22                        | 32.5353         | 111                     | 31                        | 32.5353         | 156                     | 42                        | 32.8413         | 212                     | 60                        | 31.7089         | 302                     | 83                        | 31.6775         | 418                     |
| 1000                      | 31.7                       |                |                           |                 | 74                      |                           |                 | 104                     |                           |                 | 141                     |                           |                 | 202                     |                           |                 | 279                     |
| 750                       | 23.8                       |                |                           |                 | 55                      |                           |                 | 78                      |                           |                 | 106                     |                           |                 | 151                     |                           |                 | 209                     |
| 1500                      | 42.3                       | 35.5           | 22                        | 35.6114         | 98                      | 31                        | 35.6114         | 139                     | 42                        | 35.8344         | 188                     | 60                        | 34.5987         | 268                     | 83                        | 34.6723         | 345                     |
| 1000                      | 28.2                       |                |                           |                 | 66                      |                           |                 | 92                      |                           |                 | 125                     |                           |                 | 179                     |                           |                 | 247                     |
| 750                       | 21.1                       |                |                           |                 | 49                      |                           |                 | 69                      |                           |                 | 94                      |                           |                 | 134                     |                           |                 | 173                     |
| 1500                      | 37.5                       | 40             | 22                        | 39.5264         | 87                      | 31                        | 39.5264         | 123                     | 42                        | 39.6083         | 167                     | 60                        | 38.2424         | 238                     | 83                        | 38.4842         | 306                     |
| 1000                      | 25.0                       |                |                           |                 | 58                      |                           |                 | 82                      |                           |                 | 111                     |                           |                 | 159                     |                           |                 | 204                     |
| 750                       | 18.8                       |                |                           |                 | 44                      |                           |                 | 62                      |                           |                 | 83                      |                           |                 | 119                     |                           |                 | 153                     |
| 1500                      | 33.3                       | 45             | 22                        | 43.882          | 78                      | 31                        | 43.882          | 109                     | 42                        | 43.4177         | 148                     | 60                        | 41.9206         | 212                     | 83                        | 42.1856         | 293                     |
| 1000                      | 22.2                       |                |                           |                 | 52                      |                           |                 | 73                      |                           |                 | 99                      |                           |                 | 141                     |                           |                 | 195                     |
| 750                       | 16.7                       |                |                           |                 | 39                      |                           |                 | 55                      |                           |                 | 74                      |                           |                 | 106                     |                           |                 | 146                     |
| 1500                      | 30.0                       | 50             | 22                        | 50.4204         | 70                      | 31                        | 50.4204         | 98                      | 42                        | 50.5248         | 133                     | 60                        | 48.7826         | 191                     | 83                        | 49.0910         | 264                     |
| 1000                      | 20.0                       |                |                           |                 | 47                      |                           |                 | 66                      |                           |                 | 89                      |                           |                 | 127                     |                           |                 | 176                     |
| 750                       | 15.0                       |                |                           |                 | 35                      |                           |                 | 49                      |                           |                 | 67                      |                           |                 | 95                      |                           |                 | 132                     |
| 1500                      | 26.8                       | 56             | 22                        | 55.7278         | 62                      | 31                        | 55.7278         | 88                      | 42                        | 55.8432         | 119                     | 60                        | 53.9176         | 170                     | 83                        | 54.2585         | 235                     |
| 1000                      | 17.9                       |                |                           |                 | 42                      |                           |                 | 59                      |                           |                 | 79                      |                           |                 | 113                     |                           |                 | 157                     |
| 750                       | 13.4                       |                |                           |                 | 31                      |                           |                 | 44                      |                           |                 | 60                      |                           |                 | 85                      |                           |                 | 118                     |
| 1500                      | 23.8                       | 63             | 22                        | 60.4521         | 55                      | 31                        | 60.4521         | 78                      | 42                        | 60.5773         | 106                     | 60                        | 58.4884         | 151                     | 83                        | 62.3263         | 209                     |
| 1000                      | 15.9                       |                |                           |                 | 37                      |                           |                 | 52                      |                           |                 | 71                      |                           |                 | 101                     |                           |                 | 139                     |
| 750                       | 11.9                       |                |                           |                 | 28                      |                           |                 | 39                      |                           |                 | 53                      |                           |                 | 76                      |                           |                 | 105                     |
| 1500                      | 21.1                       | 71             | 22                        | 69.6115         | 49                      | 31                        | 69.6115         | 69                      | 42                        | 69.7557         | 94                      | 60                        | 67.3503         | 134                     | 83                        | 67.7761         | 186                     |
| 1000                      | 14.1                       |                |                           |                 | 33                      |                           |                 | 46                      |                           |                 | 63                      |                           |                 | 89                      |                           |                 | 124                     |
| 750                       | 10.6                       |                |                           |                 | 25                      |                           |                 | 35                      |                           |                 | 47                      |                           |                 | 67                      |                           |                 | 93                      |
| 1500                      | 18.8                       | 80             | 22                        | 79.0528         | 44                      | 31                        | 79.0528         | 62                      | 42                        | 79.9667         | 83                      | 60                        | 77.2092         | 119                     | 83                        | 77.6973         | 165                     |
| 1000                      | 12.5                       |                |                           |                 | 29                      |                           |                 | 41                      |                           |                 | 56                      |                           |                 | 79                      |                           |                 | 110                     |
| 750                       | 9.4                        |                |                           |                 | 22                      |                           |                 | 31                      |                           |                 | 42                      |                           |                 | 60                      |                           |                 | 82                      |
| 1500                      | 16.7                       | 90             | 22                        | 86.2394         | 39                      | 31                        | 86.2394         | 55                      | 42                        | 86.418          | 74                      | 60                        | 83.438          | 106                     | 83                        | 83.9656         | 146                     |
| 1000                      | 11.1                       |                |                           |                 | 26                      |                           |                 | 36                      |                           |                 | 49                      |                           |                 | 71                      |                           |                 | 98                      |
| 750                       | 8.3                        |                |                           |                 | 19                      |                           |                 | 27                      |                           |                 | 37                      |                           |                 | 53                      |                           |                 | 73                      |
| 1500                      | 15.0                       | 100            | 22                        | 98.2172         | 35                      | 31                        | 98.2172         | 49                      | 42                        | 98.4205         | 67                      | 60                        | 95.0266         | 95                      | 83                        | 95.6275         | 132                     |
| 1000                      | 10.0                       |                |                           |                 | 23                      |                           |                 | 33                      |                           |                 | 44                      |                           |                 | 64                      |                           |                 | 88                      |
| 750                       | 7.5                        |                |                           |                 | 17                      |                           |                 | 25                      |                           |                 | 33                      |                           |                 | 48                      |                           |                 | 66                      |



P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

| P2-14                     |                 |                         | P2-16                     |                 |                         | P2-17                     |                 |                         | P2-18                     |                 |                         | P2-19                     |                 |                         | i <sub>N</sub> | n <sub>2N</sub><br>(r/min) | n <sub>1</sub><br>(r/min) |
|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|----------------|----------------------------|---------------------------|
| T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |                |                            |                           |
| 117                       | 31.6775         | 510                     | 160                       | 31.4135         | 806                     | 202                       | 31.4135         | 865                     | 244                       | 31.4286         | 1230                    | 295                       | 33.5237         | 1487                    | 31.5           | 47.6                       | 1500                      |
|                           |                 | 340                     |                           |                 | 538                     |                           |                 | 577                     |                           |                 | 820                     |                           |                 | 991                     |                | 31.7                       | 1000                      |
|                           |                 | 255                     |                           |                 | 403                     |                           |                 | 433                     |                           |                 | 615                     |                           |                 | 743                     |                | 23.8                       | 750                       |
| 117                       | 34.6723         | 487                     | 160                       | 34.3835         | 716                     | 202                       | 34.3835         | 858                     | 244                       | 34.3999         | 1091                    | 295                       | 36.6933         | 1319                    | 35.5           | 42.3                       | 1500                      |
|                           |                 | 324                     |                           |                 | 477                     |                           |                 | 572                     |                           |                 | 728                     |                           |                 | 880                     |                | 28.2                       | 1000                      |
|                           |                 | 243                     |                           |                 | 358                     |                           |                 | 429                     |                           |                 | 546                     |                           |                 | 660                     |                | 21.1                       | 750                       |
| 117                       | 38.4842         | 432                     | 160                       | 38.1635         | 635                     | 202                       | 38.1635         | 802                     | 244                       | 38.1819         | 969                     | 295                       | 40.7272         | 1171                    | 40             | 37.5                       | 1500                      |
|                           |                 | 288                     |                           |                 | 423                     |                           |                 | 535                     |                           |                 | 646                     |                           |                 | 781                     |                | 25.0                       | 1000                      |
|                           |                 | 216                     |                           |                 | 318                     |                           |                 | 401                     |                           |                 | 484                     |                           |                 | 585                     |                | 18.8                       | 750                       |
| 117                       | 42.1856         | 413                     | 160                       | 41.834          | 565                     | 202                       | 41.834          | 713                     | 244                       | 43.149          | 861                     | 295                       | 46.0254         | 1041                    | 45             | 33.3                       | 1500                      |
|                           |                 | 275                     |                           |                 | 376                     |                           |                 | 475                     |                           |                 | 574                     |                           |                 | 694                     |                | 22.2                       | 1000                      |
|                           |                 | 206                     |                           |                 | 282                     |                           |                 | 356                     |                           |                 | 430                     |                           |                 | 520                     |                | 16.7                       | 750                       |
| 117                       | 49.091          | 372                     | 160                       | 48.6818         | 508                     | 202                       | 48.6818         | 641                     | 244                       | 49.091          | 775                     | 295                       | 52.3636         | 937                     | 50             | 30.0                       | 1500                      |
|                           |                 | 248                     |                           |                 | 339                     |                           |                 | 428                     |                           |                 | 517                     |                           |                 | 625                     |                | 20.0                       | 1000                      |
|                           |                 | 186                     |                           |                 | 254                     |                           |                 | 321                     |                           |                 | 387                     |                           |                 | 468                     |                | 15.0                       | 750                       |
| 117                       | 54.2585         | 332                     | 160                       | 53.8063         | 454                     | 202                       | 53.8063         | 573                     | 244                       | 54.8664         | 692                     | 295                       | 58.524          | 836                     | 56             | 26.8                       | 1500                      |
|                           |                 | 221                     |                           |                 | 302                     |                           |                 | 382                     |                           |                 | 461                     |                           |                 | 558                     |                | 17.9                       | 1000                      |
|                           |                 | 166                     |                           |                 | 227                     |                           |                 | 286                     |                           |                 | 346                     |                           |                 | 418                     |                | 13.4                       | 750                       |
| 117                       | 62.3263         | 295                     | 160                       | 61.8069         | 403                     | 202                       | 61.8069         | 509                     | 244                       | 62.3263         | 615                     | 295                       | 66.4812         | 743                     | 63             | 23.8                       | 1500                      |
|                           |                 | 197                     |                           |                 | 269                     |                           |                 | 339                     |                           |                 | 410                     |                           |                 | 496                     |                | 15.9                       | 1000                      |
|                           |                 | 147                     |                           |                 | 202                     |                           |                 | 255                     |                           |                 | 307                     |                           |                 | 372                     |                | 11.9                       | 750                       |
| 117                       | 67.7761         | 262                     | 160                       | 67.2113         | 358                     | 202                       | 67.2113         | 452                     | 244                       | 67.7761         | 546                     | 295                       | 72.2943         | 660                     | 71             | 21.1                       | 1500                      |
|                           |                 | 174                     |                           |                 | 239                     |                           |                 | 301                     |                           |                 | 364                     |                           |                 | 440                     |                | 14.1                       | 1000                      |
|                           |                 | 131                     |                           |                 | 179                     |                           |                 | 226                     |                           |                 | 273                     |                           |                 | 330                     |                | 10.6                       | 750                       |
| 117                       | 77.6973         | 232                     | 160                       | 77.0498         | 318                     | 202                       | 77.0498         | 401                     | 244                       | 77.6973         | 484                     | 295                       | 82.8769         | 585                     | 80             | 18.8                       | 1500                      |
|                           |                 | 155                     |                           |                 | 212                     |                           |                 | 267                     |                           |                 | 323                     |                           |                 | 390                     |                | 12.5                       | 1000                      |
|                           |                 | 116                     |                           |                 | 159                     |                           |                 | 200                     |                           |                 | 242                     |                           |                 | 293                     |                | 9.4                        | 750                       |
| 117                       | 83.9656         | 206                     | 160                       | 83.2658         | 282                     | 202                       | 83.2658         | 356                     | 244                       | 83.9656         | 430                     | 295                       | 89.563          | 520                     | 90             | 16.7                       | 1500                      |
|                           |                 | 138                     |                           |                 | 188                     |                           |                 | 238                     |                           |                 | 287                     |                           |                 | 347                     |                | 11.1                       | 1000                      |
|                           |                 | 103                     |                           |                 | 141                     |                           |                 | 178                     |                           |                 | 215                     |                           |                 | 260                     |                | 8.3                        | 750                       |
| 117                       | 95.6275         | 186                     | 160                       | 94.8305         | 254                     | 202                       | 94.8305         | 321                     | 244                       | 95.6275         | 387                     | 295                       | 102.0023        | 468                     | 100            | 15.0                       | 1500                      |
|                           |                 | 124                     |                           |                 | 169                     |                           |                 | 214                     |                           |                 | 258                     |                           |                 | 312                     |                | 10.0                       | 1000                      |
|                           |                 | 93                      |                           |                 | 127                     |                           |                 | 160                     |                           |                 | 194                     |                           |                 | 234                     |                | 7.5                        | 750                       |

注: 必需采用强制润滑。

Note: Forced lubrication required.

P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

P2L传动能力表: (i=31.5~100)

P2L transmission capacity table: (i=31.5~100)

| n <sub>1</sub><br>(r/min) | n <sub>2N</sub><br>(r/min) | i <sub>N</sub> | P2-20                     |                 |                         | P2-21                     |                 |                         | P2-22                     |                 |                         | P2-23                     |                 |                         | P2-24                     |                 |                         | P2-25                     |                 |                         |
|---------------------------|----------------------------|----------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|
|                           |                            |                | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |
| 1500                      | 47.6                       | 31.5           | 354                       | 33.5237         | 1517                    | 392                       | 33.5237         | 1976                    | 450                       | 33.5237         | 2268                    | 513                       | 33.8391         | 1724                    | 592                       | 33.8391         | 1989                    | 684                       | 33.8391         | 2298                    |
| 1000                      | 31.7                       |                |                           |                 | 1011                    |                           |                 | 1317                    |                           |                 | 1512                    |                           |                 | 1293                    |                           |                 | 1492                    |                           |                 | 1724                    |
| 750                       | 23.8                       |                |                           |                 | 758                     |                           |                 | 988                     |                           |                 | 1134                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 42.3                       | 35.5           | 354                       | 36.6933         | 1504                    | 392                       | 36.6933         | 1753                    | 450                       | 36.6933         | 2013                    | 513                       | 36.9231         | 1530                    | 592                       | 36.9231         | 1712                    | 684                       | 36.9231         | 2040                    |
| 1000                      | 28.2                       |                |                           |                 | 1003                    |                           |                 | 1169                    |                           |                 | 1342                    |                           |                 | 1147                    |                           |                 | 1284                    |                           |                 | 1530                    |
| 750                       | 21.1                       |                |                           |                 | 752                     |                           |                 | 877                     |                           |                 | 1006                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 37.5                       | 40             | 354                       | 40.7272         | 1405                    | 392                       | 40.7272         | 1556                    | 450                       | 40.7272         | 1786                    | 513                       | 40.8116         | 1358                    | 592                       | 40.8116         | 1567                    | 684                       | 40.8116         | 1810                    |
| 1000                      | 25.0                       |                |                           |                 | 937                     |                           |                 | 1037                    |                           |                 | 1191                    |                           |                 | 1018                    |                           |                 | 1175                    |                           |                 | 1358                    |
| 750                       | 18.8                       |                |                           |                 | 703                     |                           |                 | 778                     |                           |                 | 883                     |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1500                      | 33.3                       | 45             | 354                       | 46.0254         | 1249                    | 392                       | 46.0254         | 1383                    | 450                       | 46.0254         | 1588                    | 513                       | 46.1208         | 1810                    | 592                       | 46.1208         | 2089                    | 684                       | 46.1208         |                         |
| 1000                      | 22.2                       |                |                           |                 | 833                     |                           |                 | 922                     |                           |                 | 1059                    |                           |                 | 1207                    |                           |                 | 1393                    |                           |                 | 1609                    |
| 750                       | 16.7                       |                |                           |                 | 625                     |                           |                 | 692                     |                           |                 | 794                     |                           |                 | 905                     |                           |                 | 1044                    |                           |                 | 1207                    |
| 1500                      | 30.0                       | 50             | 354                       | 52.3636         | 1124                    | 392                       | 52.3636         | 1245                    | 450                       | 52.3636         | 1429                    | 513                       | 52.472          | 1629                    | 592                       | 52.472          | 1880                    | 684                       | 52.1365         |                         |
| 1000                      | 20.0                       |                |                           |                 | 749                     |                           |                 | 830                     |                           |                 | 953                     |                           |                 | 1086                    |                           |                 | 1253                    |                           |                 | 1448                    |
| 750                       | 15.0                       |                |                           |                 | 562                     |                           |                 | 622                     |                           |                 | 714                     |                           |                 | 815                     |                           |                 | 940                     |                           |                 | 1086                    |
| 1500                      | 26.8                       | 56             | 354                       | 58.524          | 1004                    | 392                       | 58.524          | 1111                    | 450                       | 58.524          | 1276                    | 513                       | 58.6452         | 1455                    | 592                       | 58.6452         | 1678                    | 684                       | 58.6452         |                         |
| 1000                      | 17.9                       |                |                           |                 | 669                     |                           |                 | 741                     |                           |                 | 851                     |                           |                 | 970                     |                           |                 | 1119                    |                           |                 | 1293                    |
| 750                       | 13.4                       |                |                           |                 | 502                     |                           |                 | 556                     |                           |                 | 638                     |                           |                 | 727                     |                           |                 | 839                     |                           |                 | 970                     |
| 1500                      | 23.8                       | 63             | 354                       | 66.4812         | 892                     | 392                       | 66.4812         | 988                     | 450                       | 66.4812         | 1134                    | 513                       | 66.6189         | 1293                    | 592                       | 66.6189         | 1492                    | 684                       | 66.6189         | 1724                    |
| 1000                      | 15.9                       |                |                           |                 | 595                     |                           |                 | 659                     |                           |                 | 756                     |                           |                 | 862                     |                           |                 | 995                     |                           |                 | 1149                    |
| 750                       | 11.9                       |                |                           |                 | 446                     |                           |                 | 494                     |                           |                 | 567                     |                           |                 | 646                     |                           |                 | 746                     |                           |                 | 862                     |
| 1500                      | 21.1                       | 71             | 354                       | 72.2943         | 792                     | 392                       | 72.2943         | 877                     | 450                       | 72.2943         | 1006                    | 513                       | 72.4441         | 1147                    | 592                       | 72.4441         | 1324                    | 684                       | 72.4441         | 1530                    |
| 1000                      | 14.1                       |                |                           |                 | 528                     |                           |                 | 584                     |                           |                 | 671                     |                           |                 | 765                     |                           |                 | 883                     |                           |                 | 1020                    |
| 750                       | 10.6                       |                |                           |                 | 396                     |                           |                 | 438                     |                           |                 | 503                     |                           |                 | 574                     |                           |                 | 662                     |                           |                 | 765                     |
| 1500                      | 18.8                       | 80             | 354                       | 82.8769         | 703                     | 392                       | 82.8769         | 778                     | 450                       | 82.8769         | 893                     | 513                       | 83.0486         | 1018                    | 592                       | 83.0486         | 1175                    | 684                       | 83.0486         | 1358                    |
| 1000                      | 12.5                       |                |                           |                 | 468                     |                           |                 | 519                     |                           |                 | 595                     |                           |                 | 679                     |                           |                 | 783                     |                           |                 | 905                     |
| 750                       | 9.4                        |                |                           |                 | 351                     |                           |                 | 389                     |                           |                 | 447                     |                           |                 | 509                     |                           |                 | 587                     |                           |                 | 679                     |
| 1500                      | 16.7                       | 90             | 354                       | 89.563          | 625                     | 392                       | 89.563          | 692                     | 450                       | 89.563          | 794                     | 513                       | 89.7486         | 905                     | 592                       | 89.7486         | 1044                    | 684                       | 89.7486         | 1207                    |
| 1000                      | 11.1                       |                |                           |                 | 416                     |                           |                 | 461                     |                           |                 | 529                     |                           |                 | 603                     |                           |                 | 696                     |                           |                 | 804                     |
| 750                       | 8.3                        |                |                           |                 | 312                     |                           |                 | 346                     |                           |                 | 397                     |                           |                 | 453                     |                           |                 | 522                     |                           |                 | 603                     |
| 1500                      | 15.0                       | 100            | 354                       | 102.0023        | 562                     | 392                       | 102.0023        | 622                     | 450                       | 102.0023        | 714                     | 513                       | 102.2136        | 815                     | 592                       | 102.2136        | 940                     | 684                       | 102.2136        | 1086                    |
| 1000                      | 10.0                       |                |                           |                 | 375                     |                           |                 | 415                     |                           |                 | 476                     |                           |                 | 543                     |                           |                 | 627                     |                           |                 | 724                     |
| 750                       | 7.5                        |                |                           |                 | 281                     |                           |                 | 311                     |                           |                 | 357                     |                           |                 | 407                     |                           |                 | 470                     |                           |                 | 543                     |

注: ☐ 必需采用强制润滑。

Note: ☐ Forced lubrication required.



P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

| P2-26                     |                 |                         | P2-27                     |                 |                         | P2-28                     |                 |                         | P2-29                     |                 |                         | P2-30                     |                 |                         | P2-31 ~ P2-34             |                 |                         | i <sub>N</sub> | n <sub>2N</sub><br>(r/min) | n <sub>1</sub><br>(r/min) |                                 |      |      |
|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|----------------|----------------------------|---------------------------|---------------------------------|------|------|
| T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |                |                            |                           |                                 |      |      |
| 763                       | 33.8391         |                         | 852                       | 33.5237         |                         | 950                       | 33.5237         |                         | 1060                      | 33.5237         |                         | 1200                      | 33.5237         |                         |                           |                 |                         | 31.5           | 47.6                       | 1500                      |                                 |      |      |
|                           |                 | 2564                    |                           |                 | 2863                    |                           |                 | 2937                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 | 31.7 | 1000 |
|                           |                 | 1923                    |                           |                 | 2147                    |                           |                 | 2203                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 | 23.8 | 750  |
| 763                       | 36.9231         |                         | 852                       | 36.6933         |                         | 950                       | 36.6933         |                         | 1060                      | 36.6933         |                         | 1200                      | 36.6933         |                         |                           |                 |                         | 35.5           | 42.3                       | 1500                      |                                 |      |      |
|                           |                 | 2275                    |                           |                 | 2540                    |                           |                 | 2833                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 | 28.2 | 1000 |
|                           |                 | 1706                    |                           |                 | 1905                    |                           |                 | 2124                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 | 21.1 | 750  |
| 763                       | 40.8116         |                         | 852                       | 40.7272         |                         | 950                       | 40.7272         |                         | 1060                      | 40.7272         |                         | 1200                      | 40.7272         |                         |                           |                 |                         | 40             | 37.5                       | 1500                      |                                 |      |      |
|                           |                 | 2019                    |                           |                 | 2255                    |                           |                 | 2514                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 | 25.0 | 1000 |
|                           |                 | 1514                    |                           |                 | 1691                    |                           |                 | 1885                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 | 18.8 | 750  |
| 763                       | 46.1208         |                         | 852                       | 46.0254         |                         | 950                       | 46.0254         |                         | 1060                      | 46.0254         |                         | 1200                      | 46.0254         |                         |                           |                 |                         | 45             | 33.3                       | 1500                      |                                 |      |      |
|                           |                 | 1795                    |                           |                 | 2004                    |                           |                 | 2235                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 | 22.2 | 1000 |
|                           |                 | 1346                    |                           |                 | 1503                    |                           |                 | 1676                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 1870                       | 2117                      |                                 | 16.7 | 750  |
| 763                       | 52.1365         |                         | 852                       | 52.0288         |                         | 950                       | 52.0288         |                         | 1060                      | 52.0288         |                         | 1200                      | 52.0288         |                         |                           |                 |                         | 50             | 30.0                       | 1500                      |                                 |      |      |
|                           |                 | 1615                    |                           |                 | 1804                    |                           |                 | 2011                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 | 20.0 | 1000 |
|                           |                 | 1211                    |                           |                 | 1353                    |                           |                 | 1508                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 1683                       | 1905                      | 按 客 户<br>要 求 供 货<br>On request. |      | 15.0 |
| 763                       | 58.6452         |                         | 852                       | 58.524          |                         | 950                       | 58.524          |                         | 1060                      | 58.524          |                         | 1200                      | 58.524          |                         |                           |                 |                         | 56             | 26.8                       | 1500                      |                                 |      |      |
|                           |                 | 1442                    |                           |                 | 1610                    |                           |                 | 1796                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 | 17.9 | 1000 |
|                           |                 | 1082                    |                           |                 | 1208                    |                           |                 | 1347                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 1503                       | 1701                      |                                 | 13.4 | 750  |
| 763                       | 66.6189         |                         | 852                       | 66.4812         |                         | 950                       | 66.4812         |                         | 1060                      | 66.4812         |                         | 1200                      | 66.4812         |                         |                           |                 |                         | 63             | 23.8                       | 1500                      |                                 |      |      |
|                           |                 | 1282                    |                           |                 | 1432                    |                           |                 | 1596                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 | 15.9 | 1000 |
|                           |                 | 961                     |                           |                 | 1074                    |                           |                 | 1197                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 1336                       | 1512                      |                                 | 11.9 | 750  |
| 763                       | 72.4441         |                         | 852                       | 72.2943         |                         | 950                       | 72.2943         |                         | 1060                      | 72.2943         |                         | 1200                      | 72.2943         |                         |                           |                 |                         | 71             | 21.1                       | 1500                      |                                 |      |      |
|                           |                 | 1138                    |                           |                 | 1270                    |                           |                 | 1416                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 | 14.1 | 1000 |
|                           |                 | 853                     |                           |                 | 953                     |                           |                 | 1062                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 1185                       | 1342                      |                                 | 10.6 | 750  |
| 763                       | 83.0486         |                         | 852                       | 82.8769         |                         | 950                       | 82.8769         |                         | 1060                      | 82.8769         |                         | 1200                      | 82.8769         |                         |                           |                 |                         | 80             | 18.8                       | 1500                      |                                 |      |      |
|                           |                 | 1514                    |                           |                 | 1127                    |                           |                 | 1257                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 | 12.5 | 1000 |
|                           |                 | 1010                    |                           |                 | 845                     |                           |                 | 943                     |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 1052                       | 1191                      |                                 | 9.4  | 750  |
| 763                       | 89.7486         |                         | 852                       | 89.563          |                         | 950                       | 89.563          |                         | 1060                      | 89.563          |                         | 1200                      | 89.563          |                         |                           |                 |                         | 90             | 16.7                       | 1500                      |                                 |      |      |
|                           |                 | 1346                    |                           |                 | 1503                    |                           |                 | 1676                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 | 11.1 | 1000 |
|                           |                 | 897                     |                           |                 | 1002                    |                           |                 | 1117                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 1247                       | 1411                      |                                 | 8.3  | 750  |
| 763                       | 102.2136        |                         | 852                       | 102.0023        |                         | 950                       | 102.0023        |                         | 1060                      | 102.0023        |                         | 1200                      | 102.0023        |                         |                           |                 |                         | 100            | 15.0                       | 1500                      |                                 |      |      |
|                           |                 | 1211                    |                           |                 | 1353                    |                           |                 | 1508                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 | 10.0 | 1000 |
|                           |                 | 808                     |                           |                 | 902                     |                           |                 | 1006                    |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 1122                       | 1270                      |                                 | 7.5  | 750  |
|                           |                 | 606                     |                           | 676             |                         | 754                       |                 | 842                     |                           | 953             |                         |                           |                 |                         |                           |                 |                         |                |                            |                           |                                 |      |      |

注: 必需采用强制润滑。

Note: Forced lubrication required.

P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

P2K传动能力表: (i=112~560)

P2K transmission capacity table: (i=112~560)

| n <sub>1</sub><br>(r/min) | n <sub>2N</sub><br>(r/min) | i <sub>N</sub> | P2-9                      |                 |                         | P2-10                     |                 |                         | P2-11                     |                 |                         | P2-12                     |                 |                         | P2-13                     |                 |                         | P2-14                     |                 |                         |
|---------------------------|----------------------------|----------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|
|                           |                            |                | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |
| 1500                      | 13.4                       | 112            | 22                        | 111.25          | 30.9                    | 31                        | 111.25          | 43.6                    | 42                        | 111.83          | 59.0                    | 60                        | 107.97          | 84                      | 83                        | 107.97          | 117                     | 117                       | 107.76          | 164                     |
| 1000                      | 8.9                        |                |                           |                 | 20.6                    |                           |                 | 29.0                    |                           |                 | 39.4                    |                           |                 | 56                      |                           |                 | 78                      |                           |                 | 110                     |
| 750                       | 6.7                        |                |                           |                 | 15.5                    |                           |                 | 21.8                    |                           |                 | 29.5                    |                           |                 | 42                      |                           |                 | 58                      |                           |                 | 82                      |
| 1500                      | 12.0                       | 125            | 22                        | 125.75          | 27.7                    | 31                        | 125.75          | 39.0                    | 42                        | 125.68          | 52.9                    | 60                        | 121.35          | 76                      | 83                        | 121.8           | 105                     | 117                       | 121.8           | 147                     |
| 1000                      | 8.0                        |                |                           |                 | 18.5                    |                           |                 | 26.0                    |                           |                 | 35.3                    |                           |                 | 50                      |                           |                 | 70                      |                           |                 | 98                      |
| 750                       | 6.0                        |                |                           |                 | 13.9                    |                           |                 | 19.5                    |                           |                 | 26.4                    |                           |                 | 38                      |                           |                 | 52                      |                           |                 | 74                      |
| 1500                      | 10.7                       | 140            | 22                        | 145.69          | 24.7                    | 31                        | 145.69          | 34.9                    | 42                        | 144.42          | 47.2                    | 60                        | 139.44          | 67                      | 83                        | 141.11          | 93                      | 117                       | 141.11          | 132                     |
| 1000                      | 7.1                        |                |                           |                 | 16.5                    |                           |                 | 23.2                    |                           |                 | 31.5                    |                           |                 | 45                      |                           |                 | 62                      |                           |                 | 88                      |
| 750                       | 5.4                        |                |                           |                 | 12.4                    |                           |                 | 17.4                    |                           |                 | 23.6                    |                           |                 | 34                      |                           |                 | 47                      |                           |                 | 66                      |
| 1500                      | 9.4                        | 160            | 22                        | 157.28          | 21.6                    | 31                        | 157.28          | 30.5                    | 42                        | 155.27          | 41.3                    | 60                        | 149.91          | 59                      | 83                        | 151.19          | 82                      | 117                       | 151.19          | 115                     |
| 1000                      | 6.3                        |                |                           |                 | 14.4                    |                           |                 | 20.3                    |                           |                 | 27.5                    |                           |                 | 39                      |                           |                 | 54                      |                           |                 | 77                      |
| 750                       | 4.7                        |                |                           |                 | 10.8                    |                           |                 | 15.3                    |                           |                 | 20.7                    |                           |                 | 30                      |                           |                 | 41                      |                           |                 | 58                      |
| 1500                      | 8.3                        | 180            | 22                        | 175.77          | 19.2                    | 31                        | 175.77          | 27.1                    | 42                        | 173.52          | 36.7                    | 60                        | 167.54          | 52                      | 83                        | 167.85          | 73                      | 117                       | 167.85          | 102                     |
| 1000                      | 5.6                        |                |                           |                 | 12.8                    |                           |                 | 18.1                    |                           |                 | 24.5                    |                           |                 | 35                      |                           |                 | 48                      |                           |                 | 68                      |
| 750                       | 4.2                        |                |                           |                 | 9.6                     |                           |                 | 13.6                    |                           |                 | 18.4                    |                           |                 | 26                      |                           |                 | 36                      |                           |                 | 51                      |
| 1500                      | 7.5                        | 200            | 22                        | 203.53          | 17.3                    | 31                        | 203.53          | 24.4                    | 42                        | 200.92          | 33.1                    | 60                        | 193.99          | 47                      | 83                        | 192.86          | 65                      | 117                       | 192.86          | 92                      |
| 1000                      | 5.0                        |                |                           |                 | 11.5                    |                           |                 | 16.3                    |                           |                 | 22.0                    |                           |                 | 31                      |                           |                 | 44                      |                           |                 | 61                      |
| 750                       | 3.8                        |                |                           |                 | 8.7                     |                           |                 | 12.2                    |                           |                 | 16.5                    |                           |                 | 24                      |                           |                 | 33                      |                           |                 | 46                      |
| 1500                      | 6.7                        | 225            | 22                        | 223.22          | 15.4                    | 31                        | 223.22          | 21.7                    | 42                        | 220.36          | 29.4                    | 60                        | 212.76          | 42                      | 83                        | 213.16          | 58                      | 117                       | 213.16          | 82                      |
| 1000                      | 4.4                        |                |                           |                 | 10.3                    |                           |                 | 14.5                    |                           |                 | 19.6                    |                           |                 | 28                      |                           |                 | 39                      |                           |                 | 55                      |
| 750                       | 3.3                        |                |                           |                 | 7.7                     |                           |                 | 10.8                    |                           |                 | 14.7                    |                           |                 | 21                      |                           |                 | 29                      |                           |                 | 41                      |
| 1500                      | 6.0                        | 250            | 22                        | 242.15          | 13.9                    | 31                        | 242.15          | 19.5                    | 42                        | 239.04          | 26.4                    | 60                        | 230.8           | 38                      | 83                        | 231.23          | 52                      | 117                       | 231.23          | 74                      |
| 1000                      | 4.0                        |                |                           |                 | 9.2                     |                           |                 | 13.0                    |                           |                 | 17.6                    |                           |                 | 25                      |                           |                 | 35                      |                           |                 | 49                      |
| 750                       | 3.0                        |                |                           |                 | 6.9                     |                           |                 | 9.8                     |                           |                 | 13.2                    |                           |                 | 19                      |                           |                 | 26                      |                           |                 | 37                      |
| 1500                      | 5.4                        | 280            | 22                        | 278.84          | 12.4                    | 31                        | 278.84          | 17.4                    | 42                        | 275.26          | 23.6                    | 60                        | 265.77          | 34                      | 83                        | 266.26          | 47                      | 117                       | 266.26          | 66                      |
| 1000                      | 3.6                        |                |                           |                 | 8.2                     |                           |                 | 11.6                    |                           |                 | 15.7                    |                           |                 | 22                      |                           |                 | 31                      |                           |                 | 44                      |
| 750                       | 2.7                        |                |                           |                 | 6.2                     |                           |                 | 8.7                     |                           |                 | 11.8                    |                           |                 | 17                      |                           |                 | 23                      |                           |                 | 33                      |
| 1500                      | 4.7                        | 320            | 22                        | 316.65          | 10.8                    | 31                        | 316.65          | 15.3                    | 42                        | 312.6           | 20.7                    | 60                        | 301.82          | 30                      | 83                        | 302.38          | 41                      | 117                       | 302.38          | 58                      |
| 1000                      | 3.1                        |                |                           |                 | 7.2                     |                           |                 | 10.2                    |                           |                 | 13.8                    |                           |                 | 20                      |                           |                 | 26                      |                           |                 | 38                      |
| 750                       | 2.3                        |                |                           |                 | 5.4                     |                           |                 | 7.6                     |                           |                 | 10.3                    |                           |                 | 15                      |                           |                 | 20                      |                           |                 | 29                      |
| 1500                      | 4.2                        | 360            | 22                        | 345.44          | 9.6                     | 31                        | 345.44          | 13.6                    | 42                        | 341.01          | 18.4                    | 60                        | 329.25          | 26                      | 83                        | 329.86          | 36                      | 117                       | 329.86          | 51                      |
| 1000                      | 2.8                        |                |                           |                 | 6.4                     |                           |                 | 9.0                     |                           |                 | 12.2                    |                           |                 | 17                      |                           |                 | 24                      |                           |                 | 34                      |
| 750                       | 2.1                        |                |                           |                 | 4.8                     |                           |                 | 6.8                     |                           |                 | 9.2                     |                           |                 | 13                      |                           |                 | 18                      |                           |                 | 26                      |
| 1500                      | 3.8                        | 400            | 22                        | 393.42          | 8.7                     | 31                        | 393.42          | 12.2                    | 42                        | 388.38          | 16.5                    | 60                        | 374.98          | 24                      | 83                        | 375.68          | 33                      | 117                       | 375.68          | 46                      |
| 1000                      | 2.5                        |                |                           |                 | 5.8                     |                           |                 | 8.1                     |                           |                 | 11.0                    |                           |                 | 16                      |                           |                 | 22                      |                           |                 | 31                      |
| 750                       | 1.9                        |                |                           |                 | 4.3                     |                           |                 | 6.1                     |                           |                 | 8.3                     |                           |                 | 12                      |                           |                 | 16                      |                           |                 | 23                      |
| 1500                      | 3.3                        | 450            | 22                        | 442.27          | 7.7                     | 31                        | 442.27          | 10.8                    | 42                        | 436.6           | 14.7                    | 60                        | 421.54          | 21                      | 83                        | 422.33          | 29                      | 117                       | 422.33          | 41                      |
| 1000                      | 2.2                        |                |                           |                 | 5.1                     |                           |                 | 7.2                     |                           |                 | 9.8                     |                           |                 | 14                      |                           |                 | 19                      |                           |                 | 27                      |
| 750                       | 1.7                        |                |                           |                 | 3.8                     |                           |                 | 5.4                     |                           |                 | 7.3                     |                           |                 | 10                      |                           |                 | 15                      |                           |                 | 20                      |
| 1500                      | 3.0                        | 500            | 22                        | 487.63          | 6.9                     | 31                        | 487.63          | 9.8                     | 42                        | 481.38          | 13.2                    | 60                        | 464.78          | 19                      | 83                        | 465.64          | 26                      | 117                       | 465.64          | 37                      |
| 1000                      | 2.0                        |                |                           |                 | 4.6                     |                           |                 | 6.5                     |                           |                 | 8.8                     |                           |                 | 13                      |                           |                 | 17                      |                           |                 | 25                      |
| 750                       | 1.5                        |                |                           |                 | 3.5                     |                           |                 | 4.9                     |                           |                 | 6.6                     |                           |                 | 9                       |                           |                 | 13                      |                           |                 | 18                      |
| 1500                      | 2.7                        | 560            | 按客户要求供货<br>On request     |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 1000                      | 1.8                        |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |
| 750                       | 1.3                        |                |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |

P



P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

| P2-16                     |                 |                         | P2-17                     |                 |                         | P2-18                     |                 |                         | P2-19                     |                 |                         | P2-20                     |                 |                         | i <sub>N</sub> | n <sub>2N</sub><br>(r/min) | n <sub>1</sub><br>(r/min) |
|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|----------------|----------------------------|---------------------------|
| T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |                |                            |                           |
| 160                       | 108.47          | 225                     | 202                       | 108.47          | 284                     | 244                       | 107.76          | 343                     | 295                       | 114.94          | 415                     | 354                       | 114.94          | 498                     | 112            | 13.4                       | 1500                      |
|                           |                 | 150                     |                           |                 | 189                     |                           |                 | 229                     |                           |                 | 276                     |                           |                 | 332                     |                | 8.9                        | 1000                      |
|                           |                 | 112                     |                           |                 | 142                     |                           |                 | 171                     |                           |                 | 207                     |                           |                 | 249                     |                | 6.7                        | 750                       |
| 160                       | 122.6           | 201                     | 202                       | 122.6           | 254                     | 244                       | 121.8           | 307                     | 295                       | 129.92          | 372                     | 354                       | 129.92          | 446                     | 125            | 12.0                       | 1500                      |
|                           |                 | 134                     |                           |                 | 170                     |                           |                 | 205                     |                           |                 | 248                     |                           |                 | 297                     |                | 8.0                        | 1000                      |
|                           |                 | 101                     |                           |                 | 127                     |                           |                 | 154                     |                           |                 | 186                     |                           |                 | 223                     |                | 6.0                        | 750                       |
| 160                       | 142.04          | 180                     | 202                       | 1442.04         | 227                     | 244                       | 141.11          | 274                     | 295                       | 150.52          | 332                     | 354                       | 150.52          | 398                     | 140            | 10.7                       | 1500                      |
|                           |                 | 120                     |                           |                 | 151                     |                           |                 | 183                     |                           |                 | 221                     |                           |                 | 265                     |                | 7.1                        | 1000                      |
|                           |                 | 90                      |                           |                 | 114                     |                           |                 | 137                     |                           |                 | 166                     |                           |                 | 199                     |                | 5.4                        | 750                       |
| 160                       | 153.05          | 157                     | 202                       | 153.05          | 199                     | 244                       | 151.19          | 240                     | 295                       | 161.27          | 290                     | 354                       | 161.27          | 348                     | 160            | 9.4                        | 1500                      |
|                           |                 | 105                     |                           |                 | 132                     |                           |                 | 160                     |                           |                 | 193                     |                           |                 | 232                     |                | 6.3                        | 1000                      |
|                           |                 | 79                      |                           |                 | 99                      |                           |                 | 120                     |                           |                 | 145                     |                           |                 | 174                     |                | 4.7                        | 750                       |
| 160                       | 167.77          | 140                     | 202                       | 167.77          | 177                     | 244                       | 165.73          | 213                     | 295                       | 176.78          | 258                     | 354                       | 176.78          | 310                     | 180            | 8.3                        | 1500                      |
|                           |                 | 93                      |                           |                 | 118                     |                           |                 | 142                     |                           |                 | 172                     |                           |                 | 206                     |                | 5.6                        | 1000                      |
|                           |                 | 70                      |                           |                 | 88                      |                           |                 | 107                     |                           |                 | 129                     |                           |                 | 155                     |                | 4.2                        | 750                       |
| 160                       | 195.23          | 126                     | 202                       | 195.23          | 159                     | 244                       | 192.86          | 192                     | 295                       | 205.71          | 232                     | 354                       | 205.71          | 279                     | 200            | 7.5                        | 1500                      |
|                           |                 | 84                      |                           |                 | 106                     |                           |                 | 128                     |                           |                 | 155                     |                           |                 | 186                     |                | 5.0                        | 1000                      |
|                           |                 | 63                      |                           |                 | 79                      |                           |                 | 96                      |                           |                 | 116                     |                           |                 | 139                     |                | 3.8                        | 750                       |
| 160                       | 215.79          | 112                     | 202                       | 215.79          | 141                     | 244                       | 213.16          | 171                     | 295                       | 227.37          | 206                     | 354                       | 227.37          | 248                     | 225            | 6.7                        | 1500                      |
|                           |                 | 75                      |                           |                 | 94                      |                           |                 | 114                     |                           |                 | 138                     |                           |                 | 165                     |                | 4.4                        | 1000                      |
|                           |                 | 56                      |                           |                 | 71                      |                           |                 | 85                      |                           |                 | 103                     |                           |                 | 124                     |                | 3.3                        | 750                       |
| 160                       | 234.08          | 101                     | 202                       | 234.08          | 127                     | 244                       | 244.85          | 154                     | 295                       | 261.18          | 186                     | 354                       | 261.18          | 223                     | 250            | 6.0                        | 1500                      |
|                           |                 | 67                      |                           |                 | 85                      |                           |                 | 102                     |                           |                 | 124                     |                           |                 | 149                     |                | 4.0                        | 1000                      |
|                           |                 | 50                      |                           |                 | 64                      |                           |                 | 77                      |                           |                 | 93                      |                           |                 | 111                     |                | 3.0                        | 750                       |
| 160                       | 269.55          | 90                      | 202                       | 269.55          | 114                     | 244                       | 266.26          | 137                     | 295                       | 284.01          | 166                     | 354                       | 284.01          | 199                     | 280            | 5.4                        | 1500                      |
|                           |                 | 60                      |                           |                 | 76                      |                           |                 | 91                      |                           |                 | 111                     |                           |                 | 133                     |                | 3.6                        | 1000                      |
|                           |                 | 45                      |                           |                 | 57                      |                           |                 | 69                      |                           |                 | 83                      |                           |                 | 100                     |                | 2.7                        | 750                       |
| 160                       | 309             | 79                      | 202                       | 309             | 99                      | 244                       | 305.24          | 120                     | 295                       | 325.59          | 145                     | 354                       | 325.59          | 174                     | 320            | 4.7                        | 1500                      |
|                           |                 | 52                      |                           |                 | 66                      |                           |                 | 80                      |                           |                 | 97                      |                           |                 | 116                     |                | 3.1                        | 1000                      |
|                           |                 | 39                      |                           |                 | 50                      |                           |                 | 60                      |                           |                 | 73                      |                           |                 | 87                      |                | 2.3                        | 750                       |
| 160                       | 333.93          | 70                      | 202                       | 333.93          | 88                      | 244                       | 329.86          | 107                     | 295                       | 351.86          | 129                     | 354                       | 351.86          | 155                     | 360            | 4.2                        | 1500                      |
|                           |                 | 47                      |                           |                 | 59                      |                           |                 | 71                      |                           |                 | 86                      |                           |                 | 103                     |                | 2.8                        | 1000                      |
|                           |                 | 35                      |                           |                 | 44                      |                           |                 | 53                      |                           |                 | 64                      |                           |                 | 77                      |                | 2.1                        | 750                       |
| 160                       | 380.31          | 63                      | 202                       | 380.31          | 79                      | 244                       | 375.68          | 96                      | 295                       | 400.72          | 116                     | 354                       | 400.72          | 139                     | 400            | 3.8                        | 1500                      |
|                           |                 | 42                      |                           |                 | 53                      |                           |                 | 64                      |                           |                 | 77                      |                           |                 | 93                      |                | 2.5                        | 1000                      |
|                           |                 | 31                      |                           |                 | 40                      |                           |                 | 48                      |                           |                 | 58                      |                           |                 | 70                      |                | 1.9                        | 750                       |
| 160                       | 427.53          | 56                      | 202                       | 427.53          | 71                      | 244                       | 422.33          | 85                      | 295                       | 450.48          | 103                     | 354                       | 450.48          | 124                     | 450            | 3.3                        | 1500                      |
|                           |                 | 37                      |                           |                 | 47                      |                           |                 | 57                      |                           |                 | 69                      |                           |                 | 83                      |                | 2.2                        | 1000                      |
|                           |                 | 28                      |                           |                 | 35                      |                           |                 | 43                      |                           |                 | 52                      |                           |                 | 62                      |                | 1.7                        | 750                       |
| 160                       | 471.38          | 50                      | 202                       | 471.38          | 64                      | 244                       | 465.64          | 77                      | 295                       | 496.68          | 93                      | 354                       | 496.68          | 111                     | 500            | 3.0                        | 1500                      |
|                           |                 | 34                      |                           |                 | 42                      |                           |                 | 51                      |                           |                 | 62                      |                           |                 | 74                      |                | 2.0                        | 1000                      |
|                           |                 | 25                      |                           |                 | 32                      |                           |                 | 38                      |                           |                 | 46                      |                           |                 | 56                      |                | 1.5                        | 750                       |
| 按客户要求供货<br>On request     |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         | 560            | 2.7                        | 1500                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 1.8                        | 1000                      |
|                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                           |                 |                         |                | 1.3                        | 750                       |

P

P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

P3K传动能力表: (i=560~4000)

P3K transmission capacity table: (i=560~4000)

| n <sub>1</sub><br>(r/min) | n <sub>2N</sub><br>(r/min) | i <sub>N</sub> | P3-9                      |                 |                         | P3-10                     |                 |                         | P3-11                     |                 |                         | P3-12                     |                 |                         | P3-13                     |                 |                         |
|---------------------------|----------------------------|----------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|
|                           |                            |                | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |
| 1500                      | 2.68                       | 560            | 22                        | 566.22          | 6.3                     | 31                        | 566.22          | 9                       | 42                        | 567.4           | 12                      | 60                        | 547.83          | 17                      | 83                        | 551.29          | 24                      |
| 1000                      | 1.79                       |                |                           |                 | 4.2                     |                           |                 | 6                       |                           |                 | 8                       |                           |                 | 11                      |                           |                 | 16                      |
| 750                       | 1.34                       |                |                           |                 | 3.1                     |                           |                 | 4.4                     |                           |                 | 6                       |                           |                 | 9                       |                           |                 | 12                      |
| 1500                      | 2.38                       | 630            | 22                        | 640.02          | 5.6                     | 31                        | 640.02          | 7.8                     | 42                        | 637.68          | 11                      | 60                        | 615.69          | 15                      | 83                        | 623.14          | 21                      |
| 1000                      | 1.59                       |                |                           |                 | 3.7                     |                           |                 | 5.2                     |                           |                 | 7                       |                           |                 | 10                      |                           |                 | 14                      |
| 750                       | 1.19                       |                |                           |                 | 2.8                     |                           |                 | 3.9                     |                           |                 | 5                       |                           |                 | 8                       |                           |                 | 11                      |
| 1500                      | 2.11                       | 710            | 22                        | 700.53          | 5.0                     | 31                        | 700.53          | 7                       | 42                        | 697.96          | 9                       | 60                        | 673.9           | 14                      | 83                        | 682.06          | 19                      |
| 1000                      | 1.41                       |                |                           |                 | 3.3                     |                           |                 | 4.5                     |                           |                 | 6                       |                           |                 | 9                       |                           |                 | 12                      |
| 750                       | 1.06                       |                |                           |                 | 2.5                     |                           |                 | 3.5                     |                           |                 | 5                       |                           |                 | 7                       |                           |                 | 9                       |
| 1500                      | 1.88                       | 800            | 22                        | 777.54          | 4.4                     | 31                        | 777.54          | 6                       | 42                        | 774.7           | 8                       | 60                        | 747.98          | 12                      | 83                        | 757.04          | 17                      |
| 1000                      | 1.25                       |                |                           |                 | 2.9                     |                           |                 | 4                       |                           |                 | 6                       |                           |                 | 8                       |                           |                 | 11                      |
| 750                       | 0.94                       |                |                           |                 | 2.2                     |                           |                 | 3                       |                           |                 | 4                       |                           |                 | 6                       |                           |                 | 8                       |
| 1500                      | 1.67                       | 900            | 22                        | 878.88          | 3.9                     | 31                        | 878.88          | 5.5                     | 42                        | 875.66          | 7.5                     | 60                        | 845.46          | 11                      | 83                        | 855.70          | 15                      |
| 1000                      | 1.11                       |                |                           |                 | 2.6                     |                           |                 | 3.7                     |                           |                 | 5                       |                           |                 | 7                       |                           |                 | 10                      |
| 750                       | 0.83                       |                |                           |                 | 2.0                     |                           |                 | 2.7                     |                           |                 | 3.7                     |                           |                 | 5                       |                           |                 | 7                       |
| 1500                      | 1.50                       | 1000           | 22                        | 982.19          | 3.5                     | 31                        | 982.19          | 5                       | 42                        | 978.6           | 6.7                     | 60                        | 944.85          | 10                      | 83                        | 956.3           | 13                      |
| 1000                      | 1.00                       |                |                           |                 | 2.3                     |                           |                 | 3.3                     |                           |                 | 4.5                     |                           |                 | 6                       |                           |                 | 9                       |
| 750                       | 0.75                       |                |                           |                 | 1.8                     |                           |                 | 2.5                     |                           |                 | 3.4                     |                           |                 | 5                       |                           |                 | 7                       |
| 1500                      | 1.34                       | 1120           | 22                        | 1137.3          | 3.1                     | 31                        | 1137.3          | 4.4                     | 42                        | 1133.1          | 6                       | 60                        | 1094            | 9                       | 83                        | 1107.3          | 12                      |
| 1000                      | 0.89                       |                |                           |                 | 2.1                     |                           |                 | 2.9                     |                           |                 | 4                       |                           |                 | 6                       |                           |                 | 8                       |
| 750                       | 0.67                       |                |                           |                 | 1.6                     |                           |                 | 2.2                     |                           |                 | 3                       |                           |                 | 4.5                     |                           |                 | 6                       |
| 1500                      | 1.20                       | 1250           | 22                        | 1247.3          | 2.8                     | 31                        | 1247.3          | 4.0                     | 42                        | 1242.8          | 5.4                     | 60                        | 1199.9          | 8                       | 83                        | 1214.4          | 11                      |
| 1000                      | 0.80                       |                |                           |                 | 1.9                     |                           |                 | 2.6                     |                           |                 | 3.6                     |                           |                 | 5                       |                           |                 | 7                       |
| 750                       | 0.60                       |                |                           |                 | 1.4                     |                           |                 | 2.0                     |                           |                 | 2.7                     |                           |                 | 4                       |                           |                 | 5                       |
| 1500                      | 1.07                       | 1400           | 22                        | 1351.1          | 2.5                     | 31                        | 1351.1          | 3.5                     | 42                        | 1348.1          | 4.8                     | 60                        | 1301.6          | 7                       | 83                        | 1317.4          | 4.9                     |
| 1000                      | 0.71                       |                |                           |                 | 1.7                     |                           |                 | 2.4                     |                           |                 | 3.2                     |                           |                 | 5                       |                           |                 | 6                       |
| 750                       | 0.54                       |                |                           |                 | 1.3                     |                           |                 | 1.8                     |                           |                 | 2.4                     |                           |                 | 3.5                     |                           |                 | 4.5                     |
| 1500                      | 0.94                       | 1600           | 22                        | 1558.1          | 2.2                     | 31                        | 1558.1          | 3.1                     | 42                        | 1552.4          | 4.2                     | 60                        | 1498.9          | 6                       | 83                        | 1517            | 8                       |
| 1000                      | 0.63                       |                |                           |                 | 1.5                     |                           |                 | 2.1                     |                           |                 | 2.8                     |                           |                 | 4                       |                           |                 | 6                       |
| 750                       | 0.47                       |                |                           |                 | 1.1                     |                           |                 | 1.5                     |                           |                 | 2.1                     |                           |                 | 3                       |                           |                 | 4                       |
| 1500                      | 0.83                       | 1800           | 22                        | 1769.4          | 2.0                     | 31                        | 1769.4          | 2.8                     | 42                        | 1762.9          | 3.7                     | 60                        | 1702.1          | 5                       | 83                        | 1722.8          | 7                       |
| 1000                      | 0.56                       |                |                           |                 | 1.3                     |                           |                 | 1.8                     |                           |                 | 2.5                     |                           |                 | 4                       |                           |                 | 5                       |
| 750                       | 0.42                       |                |                           |                 | 1.0                     |                           |                 | 1.4                     |                           |                 | 1.9                     |                           |                 | 2.7                     |                           |                 | 3.7                     |
| 1500                      | 0.75                       | 2000           | 22                        | 1930.3          | 1.8                     | 31                        | 1930.3          | 2.5                     | 42                        | 1923.2          | 3.4                     | 60                        | 1856.9          | 4.8                     | 83                        | 1879.4          | 6.6                     |
| 1000                      | 0.50                       |                |                           |                 | 1.2                     |                           |                 | 1.7                     |                           |                 | 2.2                     |                           |                 | 3.2                     |                           |                 | 4.4                     |
| 750                       | 0.38                       |                |                           |                 | 0.9                     |                           |                 | 1.2                     |                           |                 | 1.7                     |                           |                 | 2.4                     |                           |                 | 3.3                     |
| 1500                      | 0.67                       | 2240           | 22                        | 2198.4          | 1.6                     | 31                        | 2198.4          | 2.2                     | 42                        | 2190.3          | 3.0                     | 60                        | 2114.8          | 4.3                     | 83                        | 2140.4          | 5.9                     |
| 1000                      | 0.45                       |                |                           |                 | 1.0                     |                           |                 | 1.5                     |                           |                 | 2.0                     |                           |                 | 2.9                     |                           |                 | 3.9                     |
| 750                       | 0.33                       |                |                           |                 | 0.8                     |                           |                 | 1.1                     |                           |                 | 1.5                     |                           |                 | 2.1                     |                           |                 | 3.0                     |
| 1500                      | 0.60                       | 2500           | 22                        | 2471.3          | 1.4                     | 31                        | 2471.3          | 2.0                     | 42                        | 2462.3          | 2.7                     | 60                        | 2377.4          | 3.8                     | 83                        | 2406.1          | 5.3                     |
| 1000                      | 0.40                       |                |                           |                 | 0.9                     |                           |                 | 1.3                     |                           |                 | 1.8                     |                           |                 | 2.6                     |                           |                 | 3.5                     |
| 750                       | 0.30                       |                |                           |                 | 0.7                     |                           |                 | 1.0                     |                           |                 | 1.3                     |                           |                 | 1.9                     |                           |                 | 2.7                     |
| 1500                      | 0.54                       | 2800           | 22                        | 2724.8          | 1.3                     | 31                        | 2724.8          | 1.8                     | 42                        | 2714.8          | 2.4                     | 60                        | 2621.2          | 3.4                     | 83                        | 2652.9          | 4.7                     |
| 1000                      | 0.36                       |                |                           |                 | 0.8                     |                           |                 | 1.2                     |                           |                 | 1.6                     |                           |                 | 2.3                     |                           |                 | 3.2                     |
| 750                       | 0.27                       |                |                           |                 | 0.6                     |                           |                 | 0.9                     |                           |                 | 1.2                     |                           |                 | 1.7                     |                           |                 | 2.4                     |
| 1500                      | 0.48                       | 3150           | 22                        | 3105            | 1.1                     | 31                        | 3104.9          | 1.6                     | 42                        | 3093.6          | 2.1                     | 60                        | 2986.9          | 3.0                     | 83                        | 3023.1          | 4.2                     |
| 1000                      | 0.32                       |                |                           |                 | 0.7                     |                           |                 | 1.0                     |                           |                 | 1.4                     |                           |                 | 2.0                     |                           |                 | 2.8                     |
| 750                       | 0.24                       |                |                           |                 | 0.6                     |                           |                 | 0.8                     |                           |                 | 1.1                     |                           |                 | 1.5                     |                           |                 | 2.1                     |
| 1500                      | 0.42                       | 3550           | 22                        | 3597.2          | 1.0                     | 31                        | 3597.2          | 1.4                     | 42                        | 3584.1          | 1.9                     | 60                        | 3460.5          | 2.7                     | 83                        | 3502.4          | 3.7                     |
| 1000                      | 0.28                       |                |                           |                 | 0.7                     |                           |                 | 0.9                     |                           |                 | 1.3                     |                           |                 | 1.8                     |                           |                 | 2.5                     |
| 750                       | 0.21                       |                |                           |                 | 0.5                     |                           |                 | 0.7                     |                           |                 | 0.9                     |                           |                 | 1.4                     |                           |                 | 1.9                     |
| 1500                      | 0.38                       | 4000           | 22                        | 4167.5          | 0.9                     | 31                        | 4167.5          | 1.2                     | 42                        | 4118.5          | 1.7                     | 60                        | 3976.5          | 2.4                     | 83                        | 4057.6          | 3.3                     |
| 1000                      | 0.25                       |                |                           |                 | 0.6                     |                           |                 | 0.8                     |                           |                 | 1.1                     |                           |                 | 1.6                     |                           |                 | 4.2                     |
| 750                       | 0.19                       |                |                           |                 | 0.4                     |                           |                 | 0.6                     |                           |                 | 0.8                     |                           |                 | 1.2                     |                           |                 | 1.7                     |



P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

| P3-14                     |                 |                         | P3-16                     |                 |                         | P3-17                     |                 |                         | P3-18                     |                 |                         | P3-19                     |                 |                         | i <sub>N</sub> | n <sub>2N</sub><br>(r/min) | n <sub>1</sub><br>(r/min) |
|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|----------------|----------------------------|---------------------------|
| T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |                |                            |                           |
| 117                       | 551.29          | 33                      | 160                       | 551.25          | 46                      | 202                       | 551.25          | 58                      | 244                       | 544.28          | 70                      | 295                       | 580.56          | 84                      | 560            | 2.68                       | 1500                      |
|                           |                 | 22                      |                           |                 | 30                      |                           |                 | 38                      |                           |                 | 46                      |                           |                 | 56                      |                | 1.79                       | 1000                      |
|                           |                 | 17                      |                           |                 | 23                      |                           |                 | 29                      |                           |                 | 35                      |                           |                 | 42                      |                | 1.34                       | 750                       |
| 117                       | 623.14          | 30                      | 160                       | 623.09          | 41                      | 202                       | 623.09          | 51                      | 244                       | 615.21          | 62                      | 295                       | 656.22          | 75                      | 630            | 2.38                       | 1500                      |
|                           |                 | 20                      |                           |                 | 27                      |                           |                 | 34                      |                           |                 | 41                      |                           |                 | 50                      |                | 1.59                       | 1000                      |
|                           |                 | 15                      |                           |                 | 20                      |                           |                 | 26                      |                           |                 | 31                      |                           |                 | 37                      |                | 1.19                       | 750                       |
| 117                       | 682.06          | 26                      | 160                       | 679.88          | 36                      | 202                       | 679.88          | 45                      | 244                       | 673.37          | 55                      | 295                       | 718.27          | 66                      | 710            | 2.11                       | 1500                      |
|                           |                 | 18                      |                           |                 | 24                      |                           |                 | 30                      |                           |                 | 37                      |                           |                 | 44                      |                | 1.41                       | 1000                      |
|                           |                 | 13                      |                           |                 | 18                      |                           |                 | 23                      |                           |                 | 27                      |                           |                 | 33                      |                | 1.06                       | 750                       |
| 117                       | 757.04          | 23                      | 160                       | 751.48          | 32                      | 202                       | 751.48          | 40                      | 244                       | 747.4           | 49                      | 295                       | 797.23          | 59                      | 800            | 1.88                       | 1500                      |
|                           |                 | 16                      |                           |                 | 21                      |                           |                 | 27                      |                           |                 | 32                      |                           |                 | 39                      |                | 1.25                       | 1000                      |
|                           |                 | 12                      |                           |                 | 16                      |                           |                 | 20                      |                           |                 | 24                      |                           |                 | 29                      |                | 0.94                       | 750                       |
| 117                       | 855.70          | 21                      | 160                       | 844.56          | 28                      | 202                       | 844.56          | 36                      | 244                       | 844.81          | 43                      | 295                       | 901.13          | 52                      | 900            | 1.67                       | 1500                      |
|                           |                 | 14                      |                           |                 | 19                      |                           |                 | 24                      |                           |                 | 29                      |                           |                 | 35                      |                | 1.11                       | 1000                      |
|                           |                 | 10                      |                           |                 | 14                      |                           |                 | 18                      |                           |                 | 22                      |                           |                 | 26                      |                | 0.83                       | 750                       |
| 117                       | 956.3           | 19                      | 160                       | 943.84          | 26                      | 202                       | 943.84          | 32                      | 244                       | 937.9           | 39                      | 295                       | 1000.4          | 47                      | 1000           | 1.50                       | 1500                      |
|                           |                 | 12                      |                           |                 | 17                      |                           |                 | 22                      |                           |                 | 26                      |                           |                 | 31                      |                | 1.00                       | 1000                      |
|                           |                 | 9                       |                           |                 | 13                      |                           |                 | 16                      |                           |                 | 19                      |                           |                 | 24                      |                | 0.75                       | 750                       |
| 117                       | 1107.3          | 17                      | 160                       | 1092.4          | 23                      | 202                       | 1092.9          | 29                      | 244                       | 1077.6          | 35                      | 295                       | 1149.5          | 42                      | 1120           | 1.34                       | 1500                      |
|                           |                 | 11                      |                           |                 | 15                      |                           |                 | 19                      |                           |                 | 23                      |                           |                 | 28                      |                | 0.89                       | 1000                      |
|                           |                 | 8                       |                           |                 | 11                      |                           |                 | 14                      |                           |                 | 17                      |                           |                 | 21                      |                | 0.67                       | 750                       |
| 117                       | 1214.4          | 15                      | 160                       | 1198.6          | 20                      | 202                       | 1198.6          | 26                      | 244                       | 1191.1          | 31                      | 295                       | 1270.5          | 38                      | 1250           | 1.20                       | 1500                      |
|                           |                 | 10                      |                           |                 | 14                      |                           |                 | 17                      |                           |                 | 21                      |                           |                 | 25                      |                | 0.80                       | 1000                      |
|                           |                 | 7                       |                           |                 | 10                      |                           |                 | 13                      |                           |                 | 16                      |                           |                 | 19                      |                | 0.60                       | 750                       |
| 117                       | 1317.4          | 13                      | 160                       | 1300.2          | 18                      | 202                       | 1300.2          | 23                      | 244                       | 1292.1          | 28                      | 295                       | 1378.2          | 34                      | 1400           | 1.07                       | 1500                      |
|                           |                 | 9                       |                           |                 | 12                      |                           |                 | 15                      |                           |                 | 19                      |                           |                 | 22                      |                | 0.71                       | 1000                      |
|                           |                 | 7                       |                           |                 | 9                       |                           |                 | 12                      |                           |                 | 14                      |                           |                 | 17                      |                | 0.54                       | 750                       |
| 117                       | 1517            | 12                      | 160                       | 1497.3          | 16                      | 202                       | 1497.3          | 20                      | 244                       | 1487.8          | 24                      | 295                       | 1587            | 29                      | 1600           | 0.94                       | 1500                      |
|                           |                 | 8                       |                           |                 | 11                      |                           |                 | 13                      |                           |                 | 16                      |                           |                 | 20                      |                | 0.63                       | 1000                      |
|                           |                 | 6                       |                           |                 | 8                       |                           |                 | 10                      |                           |                 | 12                      |                           |                 | 15                      |                | 0.47                       | 750                       |
| 117                       | 1722.8          | 10                      | 160                       | 1700.3          | 14                      | 202                       | 1700.3          | 18                      | 244                       | 1689.6          | 22                      | 295                       | 1802.3          | 26                      | 1800           | 0.83                       | 1500                      |
|                           |                 | 7                       |                           |                 | 9                       |                           |                 | 12                      |                           |                 | 14                      |                           |                 | 17                      |                | 0.56                       | 1000                      |
|                           |                 | 5.2                     |                           |                 | 7.1                     |                           |                 | 9                       |                           |                 | 11                      |                           |                 | 13                      |                | 0.42                       | 750                       |
| 117                       | 1879.4          | 9.4                     | 160                       | 1854.9          | 12.8                    | 202                       | 1854.9          | 16                      | 244                       | 1843.2          | 19                      | 295                       | 1966.1          | 24                      | 2000           | 0.75                       | 1500                      |
|                           |                 | 6.2                     |                           |                 | 8.5                     |                           |                 | 11                      |                           |                 | 13                      |                           |                 | 16                      |                | 0.50                       | 1000                      |
|                           |                 | 4.7                     |                           |                 | 6.4                     |                           |                 | 8                       |                           |                 | 10                      |                           |                 | 12                      |                | 0.38                       | 750                       |
| 117                       | 2140.4          | 8.3                     | 160                       | 2112.5          | 11.4                    | 202                       | 2112.5          | 14                      | 244                       | 2099.2          | 17                      | 295                       | 2239.2          | 21                      | 2240           | 0.67                       | 1500                      |
|                           |                 | 5.6                     |                           |                 | 7.6                     |                           |                 | 10                      |                           |                 | 12                      |                           |                 | 14                      |                | 0.45                       | 1000                      |
|                           |                 | 4.2                     |                           |                 | 5.7                     |                           |                 | 7.2                     |                           |                 | 8.7                     |                           |                 | 10.5                    |                | 0.33                       | 750                       |
| 117                       | 2406.1          | 7.5                     | 160                       | 2374.8          | 10.2                    | 202                       | 2374.8          | 12.9                    | 244                       | 2359.9          | 16                      | 295                       | 2517.2          | 19                      | 2500           | 0.60                       | 1500                      |
|                           |                 | 5.0                     |                           |                 | 6.8                     |                           |                 | 8.6                     |                           |                 | 10.4                    |                           |                 | 12.6                    |                | 0.40                       | 1000                      |
|                           |                 | 3.7                     |                           |                 | 5.1                     |                           |                 | 6.5                     |                           |                 | 7.8                     |                           |                 | 9.4                     |                | 0.30                       | 750                       |
| 117                       | 2652.9          | 6.7                     | 160                       | 2618.4          | 9.1                     | 202                       | 2618.4          | 12                      | 244                       | 2601.9          | 14                      | 295                       | 2775.4          | 17                      | 2800           | 0.54                       | 1500                      |
|                           |                 | 4.5                     |                           |                 | 6.1                     |                           |                 | 7.7                     |                           |                 | 9.3                     |                           |                 | 11.2                    |                | 0.36                       | 1000                      |
|                           |                 | 3.3                     |                           |                 | 4.6                     |                           |                 | 5.8                     |                           |                 | 7.0                     |                           |                 | 8.4                     |                | 0.27                       | 750                       |
| 117                       | 3023.1          | 5.9                     | 160                       | 2983.8          | 8.1                     | 202                       | 2983.8          | 10.2                    | 244                       | 2965            | 12                      | 295                       | 3162.6          | 15                      | 3150           | 0.48                       | 1500                      |
|                           |                 | 4.0                     |                           |                 | 5.4                     |                           |                 | 6.8                     |                           |                 | 8.3                     |                           |                 | 10                      |                | 0.32                       | 1000                      |
|                           |                 | 3.0                     |                           |                 | 4.1                     |                           |                 | 5.1                     |                           |                 | 6.2                     |                           |                 | 7.5                     |                | 0.24                       | 750                       |
| 117                       | 3502.4          | 5.3                     | 160                       | 3428.7          | 7.2                     | 202                       | 3428.7          | 9.1                     | 244                       | 3435            | 11                      | 295                       | 3664            | 13                      | 3550           | 0.42                       | 1500                      |
|                           |                 | 3.5                     |                           |                 | 4.8                     |                           |                 | 6.1                     |                           |                 | 7.3                     |                           |                 | 8.9                     |                | 0.28                       | 1000                      |
|                           |                 | 2.6                     |                           |                 | 3.6                     |                           |                 | 4.5                     |                           |                 | 5.5                     |                           |                 | 6.6                     |                | 0.21                       | 750                       |
| 117                       | 4057.6          | 4.7                     | 160                       | 3972.2          | 6.4                     | 202                       | 3972.2          | 8.1                     | 244                       | 3979.6          | 9.7                     | 295                       | 4244.9          | 12                      | 4000           | 0.38                       | 1500                      |
|                           |                 | 3.1                     |                           |                 | 4.3                     |                           |                 | 5.4                     |                           |                 | 6.5                     |                           |                 | 7.9                     |                | 0.25                       | 1000                      |
|                           |                 | 2.3                     |                           |                 | 3.2                     |                           |                 | 4.0                     |                           |                 | 4.9                     |                           |                 | 5.9                     |                | 0.19                       | 750                       |

P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

P3K传动能力表: (i=560~4000)

P3K transmission capacity table: (i=560~4000)

| n <sub>1</sub><br>(r/min) | n <sub>2N</sub><br>(r/min) | i <sub>N</sub> | P3-20                     |                 |                         | P3-21                     |                 |                         | P3-22                     |                 |                         | P3-23                     |                 |                         | P3-24                     |                 |                         | P3-25                     |                 |                         |
|---------------------------|----------------------------|----------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|
|                           |                            |                | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |
| 1500                      | 2.68                       | 560            | 354                       | 580.56          | 101                     | 392                       | 580.56          | 112                     | 450                       | 580.56          | 128                     | 513                       | 593.88          | 146                     | 592                       | 593.88          | 169                     | 684                       | 593.88          | 195                     |
| 1000                      | 1.79                       |                |                           |                 | 67                      |                           |                 | 75                      |                           |                 | 86                      |                           |                 | 98                      |                           |                 | 113                     |                           |                 | 130                     |
| 750                       | 1.34                       |                |                           |                 | 51                      |                           |                 | 56                      |                           |                 | 64                      |                           |                 | 73                      |                           |                 | 84                      |                           |                 | 98                      |
| 1500                      | 2.38                       | 630            | 354                       | 656.22          | 90                      | 392                       | 656.22          | 99                      | 450                       | 656.22          | 114                     | 513                       | 667.44          | 130                     | 592                       | 667.44          | 150                     | 684                       | 667.44          | 174                     |
| 1000                      | 1.59                       |                |                           |                 | 60                      |                           |                 | 66                      |                           |                 | 76                      |                           |                 | 87                      |                           |                 | 100                     |                           |                 | 116                     |
| 750                       | 1.19                       |                |                           |                 | 45                      |                           |                 | 50                      |                           |                 | 57                      |                           |                 | 65                      |                           |                 | 75                      |                           |                 | 87                      |
| 1500                      | 2.11                       | 710            | 354                       | 718.27          | 80                      | 392                       | 718.27          | 88                      | 450                       | 718.27          | 101                     | 513                       | 730.55          | 115                     | 592                       | 730.55          | 133                     | 684                       | 730.55          | 154                     |
| 1000                      | 1.41                       |                |                           |                 | 53                      |                           |                 | 59                      |                           |                 | 68                      |                           |                 | 77                      |                           |                 | 89                      |                           |                 | 103                     |
| 750                       | 1.06                       |                |                           |                 | 40                      |                           |                 | 44                      |                           |                 | 51                      |                           |                 | 58                      |                           |                 | 67                      |                           |                 | 77                      |
| 1500                      | 1.88                       | 800            | 354                       | 797.23          | 71                      | 392                       | 797.23          | 78                      | 450                       | 797.23          | 90                      | 513                       | 810.87          | 102                     | 592                       | 810.87          | 118                     | 684                       | 810.87          | 137                     |
| 1000                      | 1.25                       |                |                           |                 | 47                      |                           |                 | 52                      |                           |                 | 60                      |                           |                 | 68                      |                           |                 | 79                      |                           |                 | 91                      |
| 750                       | 0.94                       |                |                           |                 | 35                      |                           |                 | 39                      |                           |                 | 45                      |                           |                 | 51                      |                           |                 | 59                      |                           |                 | 68                      |
| 1500                      | 1.67                       | 900            | 354                       | 901.13          | 63                      | 392                       | 901.13          | 70                      | 450                       | 901.13          | 80                      | 513                       | 916.54          | 91                      | 592                       | 916.54          | 105                     | 684                       | 916.54          | 121                     |
| 1000                      | 1.11                       |                |                           |                 | 42                      |                           |                 | 46                      |                           |                 | 53                      |                           |                 | 61                      |                           |                 | 70                      |                           |                 | 81                      |
| 750                       | 0.83                       |                |                           |                 | 31                      |                           |                 | 35                      |                           |                 | 40                      |                           |                 | 46                      |                           |                 | 53                      |                           |                 | 61                      |
| 1500                      | 1.50                       | 1000           | 354                       | 1000.4          | 57                      | 392                       | 1000.4          | 63                      | 450                       | 1000.4          | 72                      | 513                       | 1004.7          | 82                      | 592                       | 1004.7          | 95                      | 684                       | 1004.7          | 109                     |
| 1000                      | 1.00                       |                |                           |                 | 38                      |                           |                 | 42                      |                           |                 | 48                      |                           |                 | 55                      |                           |                 | 63                      |                           |                 | 73                      |
| 750                       | 0.75                       |                |                           |                 | 28                      |                           |                 | 31                      |                           |                 | 36                      |                           |                 | 41                      |                           |                 | 47                      |                           |                 | 55                      |
| 1500                      | 1.34                       | 1120           | 354                       | 1149.5          | 51                      | 392                       | 1149.5          | 56                      | 450                       | 1149.5          | 64                      | 513                       | 1169.1          | 73                      | 592                       | 1169.1          | 84                      | 684                       | 1169.1          | 98                      |
| 1000                      | 0.89                       |                |                           |                 | 34                      |                           |                 | 37                      |                           |                 | 43                      |                           |                 | 49                      |                           |                 | 56                      |                           |                 | 65                      |
| 750                       | 0.67                       |                |                           |                 | 25                      |                           |                 | 28                      |                           |                 | 32                      |                           |                 | 37                      |                           |                 | 42                      |                           |                 | 49                      |
| 1500                      | 1.20                       | 1250           | 354                       | 1270.5          | 45                      | 392                       | 1270.5          | 50                      | 450                       | 1270.5          | 58                      | 513                       | 1292.2          | 66                      | 592                       | 1292.2          | 76                      | 684                       | 1292.2          | 87                      |
| 1000                      | 0.80                       |                |                           |                 | 30                      |                           |                 | 33                      |                           |                 | 38                      |                           |                 | 44                      |                           |                 | 50                      |                           |                 | 58                      |
| 750                       | 0.60                       |                |                           |                 | 23                      |                           |                 | 25                      |                           |                 | 29                      |                           |                 | 33                      |                           |                 | 38                      |                           |                 | 44                      |
| 1500                      | 1.07                       | 1400           | 354                       | 1378.2          | 40                      | 392                       | 1378.2          | 45                      | 450                       | 1378.2          | 51                      | 513                       | 1401.8          | 59                      | 592                       | 1401.8          | 68                      | 684                       | 1401.8          | 78                      |
| 1000                      | 0.71                       |                |                           |                 | 27                      |                           |                 | 30                      |                           |                 | 34                      |                           |                 | 39                      |                           |                 | 45                      |                           |                 | 52                      |
| 750                       | 0.54                       |                |                           |                 | 20                      |                           |                 | 22                      |                           |                 | 26                      |                           |                 | 29                      |                           |                 | 34                      |                           |                 | 39                      |
| 1500                      | 0.94                       | 1600           | 354                       | 1587            | 35                      | 392                       | 1587            | 39                      | 450                       | 1587            | 45                      | 513                       | 1614.2          | 51                      | 592                       | 1614.2          | 59                      | 684                       | 1614.2          | 68                      |
| 1000                      | 0.63                       |                |                           |                 | 24                      |                           |                 | 26                      |                           |                 | 30                      |                           |                 | 34                      |                           |                 | 39                      |                           |                 | 46                      |
| 750                       | 0.47                       |                |                           |                 | 18                      |                           |                 | 20                      |                           |                 | 22                      |                           |                 | 26                      |                           |                 | 30                      |                           |                 | 34                      |
| 1500                      | 0.83                       | 1800           | 354                       | 1802.3          | 31                      | 392                       | 1802.3          | 35                      | 450                       | 1802.3          | 40                      | 513                       | 1850.4          | 46                      | 592                       | 1850.4          | 53                      | 684                       | 1850.4          | 61                      |
| 1000                      | 0.56                       |                |                           |                 | 21                      |                           |                 | 23                      |                           |                 | 27                      |                           |                 | 30                      |                           |                 | 35                      |                           |                 | 40                      |
| 750                       | 0.42                       |                |                           |                 | 16                      |                           |                 | 17                      |                           |                 | 20                      |                           |                 | 23                      |                           |                 | 26                      |                           |                 | 30                      |
| 1500                      | 0.75                       | 2000           | 354                       | 1966.1          | 28                      | 392                       | 1966.1          | 31                      | 450                       | 1966.1          | 36                      | 513                       | 1999.7          | 41                      | 592                       | 1999.7          | 47                      | 684                       | 1999.7          | 55                      |
| 1000                      | 0.50                       |                |                           |                 | 19                      |                           |                 | 21                      |                           |                 | 24                      |                           |                 | 27                      |                           |                 | 32                      |                           |                 | 36                      |
| 750                       | 0.38                       |                |                           |                 | 14                      |                           |                 | 16                      |                           |                 | 18                      |                           |                 | 20                      |                           |                 | 24                      |                           |                 | 27                      |
| 1500                      | 0.67                       | 2240           | 354                       | 2239.2          | 25                      | 392                       | 2239.2          | 28                      | 450                       | 2239.2          | 32                      | 513                       | 2277.5          | 37                      | 592                       | 2277.5          | 42                      | 684                       | 2277.5          | 49                      |
| 1000                      | 0.45                       |                |                           |                 | 17                      |                           |                 | 19                      |                           |                 | 21                      |                           |                 | 24                      |                           |                 | 28                      |                           |                 | 33                      |
| 750                       | 0.33                       |                |                           |                 | 12.6                    |                           |                 | 14                      |                           |                 | 16                      |                           |                 | 18                      |                           |                 | 21                      |                           |                 | 24                      |
| 1500                      | 0.60                       | 2500           | 354                       | 2517.2          | 23                      | 392                       | 2517.2          | 25                      | 450                       | 2517.2          | 29                      | 513                       | 2560.2          | 33                      | 592                       | 2560.2          | 38                      | 684                       | 2560.2          | 44                      |
| 1000                      | 0.40                       |                |                           |                 | 15.1                    |                           |                 | 17                      |                           |                 | 19                      |                           |                 | 22                      |                           |                 | 25                      |                           |                 | 29                      |
| 750                       | 0.30                       |                |                           |                 | 11.3                    |                           |                 | 13                      |                           |                 | 14                      |                           |                 | 16                      |                           |                 | 19                      |                           |                 | 22                      |
| 1500                      | 0.54                       | 2800           | 354                       | 2775.4          | 20                      | 392                       | 2775.4          | 22                      | 450                       | 2775.4          | 26                      | 513                       | 2822.8          | 29                      | 592                       | 2822.8          | 34                      | 684                       | 2822.8          | 39                      |
| 1000                      | 0.36                       |                |                           |                 | 13.5                    |                           |                 | 15                      |                           |                 | 17                      |                           |                 | 20                      |                           |                 | 23                      |                           |                 | 26                      |
| 750                       | 0.27                       |                |                           |                 | 10.1                    |                           |                 | 11.2                    |                           |                 | 13                      |                           |                 | 15                      |                           |                 | 17                      |                           |                 | 20                      |
| 1500                      | 0.48                       | 3150           | 354                       | 3162.6          | 18                      | 392                       | 3162.6          | 20                      | 450                       | 3162.6          | 23                      | 513                       | 3216.7          | 26                      | 592                       | 3216.7          | 30                      | 684                       | 3216.7          | 35                      |
| 1000                      | 0.32                       |                |                           |                 | 12                      |                           |                 | 13.3                    |                           |                 | 15                      |                           |                 | 17                      |                           |                 | 20                      |                           |                 | 23                      |
| 750                       | 0.24                       |                |                           |                 | 9                       |                           |                 | 9.9                     |                           |                 | 11                      |                           |                 | 13                      |                           |                 | 15                      |                           |                 | 17                      |
| 1500                      | 0.42                       | 3550           | 354                       | 3664            | 16                      | 392                       | 3664            | 18                      | 450                       | 3664            | 20                      | 513                       | 3726.7          | 23                      | 592                       | 3726.7          | 27                      | 684                       | 3726.7          | 31                      |
| 1000                      | 0.28                       |                |                           |                 | 10.6                    |                           |                 | 11.8                    |                           |                 | 14                      |                           |                 | 15                      |                           |                 | 18                      |                           |                 | 21                      |
| 750                       | 0.21                       |                |                           |                 | 8                       |                           |                 | 8.8                     |                           |                 | 10                      |                           |                 | 12                      |                           |                 | 13                      |                           |                 | 15                      |
| 1500                      | 0.38                       | 4000           | 354                       | 4244.9          | 14                      | 392                       | 4244.9          | 16                      | 450                       | 4244.9          | 18                      | 513                       | 4282.4          | 20                      | 592                       | 4282.4          | 24                      | 684                       | 4282.4          | 27                      |
| 1000                      | 0.25                       |                |                           |                 | 9.4                     |                           |                 | 10.4                    |                           |                 | 12                      |                           |                 | 14                      |                           |                 | 16                      |                           |                 | 18                      |
| 750                       | 0.19                       |                |                           |                 | 7.1                     |                           |                 | 7.8                     |                           |                 | 9                       |                           |                 | 10                      |                           |                 | 12                      |                           |                 | 14                      |



P系列传动能力表

P SERISE TRANSMISSION CAPACITY TABLE

| P3-26                     |                 |                         | P3-27                     |                 |                         | P3-28                     |                 |                         | P3-29                     |                 |                         | P3-30                     |                 |                         | P3-31~P3-34               |                 |                         | i <sub>N</sub> | n <sub>2N</sub><br>(r/min) | n <sub>1</sub><br>(r/min) |
|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|---------------------------|-----------------|-------------------------|----------------|----------------------------|---------------------------|
| T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) | T <sub>2N</sub><br>(kN·m) | i <sub>ex</sub> | P <sub>1N</sub><br>(kW) |                |                            |                           |
| 763                       | 593.88          | 218                     | 852                       | 580.56          | 243                     | 950                       | 580.56          | 271                     | 1060                      | 580.56          | 303                     | 1200                      | 580.56          | 342                     |                           |                 |                         | 560            | 2.68                       | 1500                      |
|                           |                 | 145                     |                           |                 | 162                     |                           |                 | 181                     |                           |                 | 202                     |                           |                 | 228                     |                           |                 |                         |                | 1.79                       | 1000                      |
|                           |                 | 109                     |                           |                 | 122                     |                           |                 | 136                     |                           |                 | 151                     |                           |                 | 171                     |                           |                 |                         |                | 1.34                       | 750                       |
| 763                       | 667.44          | 194                     | 852                       | 656.22          | 216                     | 950                       | 656.22          | 241                     | 1060                      | 656.22          | 269                     | 1200                      | 656.22          | 304                     |                           |                 |                         | 630            | 2.38                       | 1500                      |
|                           |                 | 129                     |                           |                 | 144                     |                           |                 | 161                     |                           |                 | 179                     |                           |                 | 203                     |                           |                 |                         |                | 1.59                       | 1000                      |
|                           |                 | 97                      |                           |                 | 108                     |                           |                 | 121                     |                           |                 | 134                     |                           |                 | 152                     |                           |                 |                         |                | 1.19                       | 750                       |
| 763                       | 730.55          | 172                     | 852                       | 718.27          | 192                     | 950                       | 718.27          | 214                     | 1060                      | 718.27          | 239                     | 1200                      | 718.27          | 270                     |                           |                 |                         | 710            | 2.11                       | 1500                      |
|                           |                 | 115                     |                           |                 | 128                     |                           |                 | 143                     |                           |                 | 159                     |                           |                 | 180                     |                           |                 |                         |                | 1.41                       | 1000                      |
|                           |                 | 86                      |                           |                 | 96                      |                           |                 | 107                     |                           |                 | 119                     |                           |                 | 135                     |                           |                 |                         |                | 1.06                       | 750                       |
| 763                       | 810.87          | 152                     | 852                       | 797.23          | 170                     | 950                       | 797.23          | 190                     | 1060                      | 797.23          | 212                     | 1200                      | 797.23          | 240                     |                           |                 |                         | 800            | 1.88                       | 1500                      |
|                           |                 | 102                     |                           |                 | 113                     |                           |                 | 127                     |                           |                 | 141                     |                           |                 | 160                     |                           |                 |                         |                | 1.25                       | 1000                      |
|                           |                 | 76                      |                           |                 | 85                      |                           |                 | 95                      |                           |                 | 106                     |                           |                 | 120                     |                           |                 |                         |                | 0.94                       | 750                       |
| 763                       | 916.54          | 136                     | 852                       | 901.13          | 151                     | 950                       | 901.13          | 169                     | 1060                      | 901.13          | 188                     | 1200                      | 901.13          | 213                     |                           |                 |                         | 900            | 1.67                       | 1500                      |
|                           |                 | 90                      |                           |                 | 101                     |                           |                 | 112                     |                           |                 | 125                     |                           |                 | 142                     |                           |                 |                         |                | 1.11                       | 1000                      |
|                           |                 | 68                      |                           |                 | 76                      |                           |                 | 84                      |                           |                 | 94                      |                           |                 | 107                     |                           |                 |                         |                | 0.83                       | 750                       |
| 763                       | 1004.7          | 122                     | 852                       | 987.8           | 136                     | 950                       | 987.8           | 152                     | 1060                      | 987.8           | 169                     | 1200                      | 987.8           | 192                     |                           |                 |                         | 1000           | 1.50                       | 1500                      |
|                           |                 | 81                      |                           |                 | 91                      |                           |                 | 101                     |                           |                 | 113                     |                           |                 | 128                     |                           |                 |                         |                | 1.00                       | 1000                      |
|                           |                 | 61                      |                           |                 | 68                      |                           |                 | 76                      |                           |                 | 85                      |                           |                 | 95                      |                           |                 |                         |                | 0.75                       | 750                       |
| 763                       | 1169.1          | 109                     | 852                       | 1149.5          | 122                     | 950                       | 1149.5          | 136                     | 1060                      | 1149.5          | 151                     | 1200                      | 1149.5          | 171                     |                           |                 |                         | 1120           | 1.34                       | 1500                      |
|                           |                 | 73                      |                           |                 | 81                      |                           |                 | 90                      |                           |                 | 101                     |                           |                 | 114                     |                           |                 |                         |                | 0.89                       | 1000                      |
|                           |                 | 54                      |                           |                 | 61                      |                           |                 | 68                      |                           |                 | 76                      |                           |                 | 86                      |                           |                 |                         |                | 0.67                       | 750                       |
| 763                       | 1992.2          | 98                      | 852                       | 1270.5          | 109                     | 950                       | 1270.5          | 121                     | 1060                      | 1270.5          | 136                     | 1200                      | 1270.5          | 153                     |                           |                 |                         | 1250           | 1.20                       | 1500                      |
|                           |                 | 65                      |                           |                 | 73                      |                           |                 | 81                      |                           |                 | 90                      |                           |                 | 103                     |                           |                 |                         |                | 0.80                       | 1000                      |
|                           |                 | 49                      |                           |                 | 54                      |                           |                 | 61                      |                           |                 | 68                      |                           |                 | 77                      |                           |                 |                         |                | 0.60                       | 750                       |
| 763                       | 1401.8          | 87                      | 852                       | 1459.4          | 97                      | 950                       | 1459.4          | 108                     | 1060                      | 1459.4          | 121                     | 1200                      | 1459.4          | 137                     | 按 客 户<br>要 求 供 货          |                 |                         | 1400           | 1.07                       | 1500                      |
|                           |                 | 58                      |                           |                 | 65                      |                           |                 | 72                      |                           |                 | 81                      |                           |                 | 91                      |                           |                 |                         |                | 0.71                       | 1000                      |
|                           |                 | 44                      |                           |                 | 49                      |                           |                 | 54                      |                           |                 | 61                      |                           |                 | 68                      |                           |                 |                         |                | 0.54                       | 750                       |
| 763                       | 1614.2          | 76                      | 852                       | 1587            | 85                      | 950                       | 1587            | 95                      | 1060                      | 1587            | 106                     | 1200                      | 1587            | 120                     | On request.               |                 |                         | 1600           | 0.94                       | 1500                      |
|                           |                 | 51                      |                           |                 | 57                      |                           |                 | 63                      |                           |                 | 71                      |                           |                 | 80                      |                           |                 |                         |                | 0.63                       | 1000                      |
|                           |                 | 38                      |                           |                 | 43                      |                           |                 | 47                      |                           |                 | 53                      |                           |                 | 60                      |                           |                 |                         |                | 0.47                       | 750                       |
| 763                       | 1850.4          | 68                      | 852                       | 1819.3          | 76                      | 950                       | 1819.3          | 84                      | 1060                      | 1819.3          | 94                      | 1200                      | 1819.3          | 107                     |                           |                 |                         | 1800           | 0.83                       | 1500                      |
|                           |                 | 45                      |                           |                 | 50                      |                           |                 | 56                      |                           |                 | 63                      |                           |                 | 71                      |                           |                 |                         |                | 0.56                       | 1000                      |
|                           |                 | 34                      |                           |                 | 38                      |                           |                 | 42                      |                           |                 | 47                      |                           |                 | 53                      |                           |                 |                         |                | 0.42                       | 750                       |
| 763                       | 1999.7          | 61                      | 852                       | 1966.1          | 68                      | 950                       | 1966.1          | 76                      | 1060                      | 1966.1          | 85                      | 1200                      | 1966.1          | 96                      |                           |                 |                         | 2000           | 0.75                       | 1500                      |
|                           |                 | 41                      |                           |                 | 45                      |                           |                 | 51                      |                           |                 | 56                      |                           |                 | 64                      |                           |                 |                         |                | 0.50                       | 1000                      |
|                           |                 | 30                      |                           |                 | 34                      |                           |                 | 38                      |                           |                 | 42                      |                           |                 | 48                      |                           |                 |                         |                | 0.38                       | 750                       |
| 763                       | 2277.5          | 54                      | 852                       | 2239.2          | 61                      | 950                       | 2239.2          | 68                      | 1060                      | 2239.2          | 76                      | 1200                      | 2239.2          | 86                      |                           |                 |                         | 2240           | 0.67                       | 1500                      |
|                           |                 | 36                      |                           |                 | 41                      |                           |                 | 45                      |                           |                 | 50                      |                           |                 | 57                      |                           |                 |                         |                | 0.45                       | 1000                      |
|                           |                 | 27                      |                           |                 | 30                      |                           |                 | 34                      |                           |                 | 38                      |                           |                 | 43                      |                           |                 |                         |                | 0.33                       | 750                       |
| 763                       | 2560.2          | 49                      | 852                       | 2517.2          | 54                      | 950                       | 2517.2          | 61                      | 1060                      | 2517.2          | 68                      | 1200                      | 2517.2          | 77                      |                           |                 |                         | 2500           | 0.60                       | 1500                      |
|                           |                 | 33                      |                           |                 | 36                      |                           |                 | 40                      |                           |                 | 45                      |                           |                 | 51                      |                           |                 |                         |                | 0.40                       | 1000                      |
|                           |                 | 24                      |                           |                 | 27                      |                           |                 | 30                      |                           |                 | 34                      |                           |                 | 38                      |                           |                 |                         |                | 0.30                       | 750                       |
| 763                       | 2822.8          | 44                      | 852                       | 2775.4          | 49                      | 950                       | 2775.4          | 54                      | 1060                      | 2775.4          | 61                      | 1200                      | 2775.4          | 68                      |                           |                 |                         | 2800           | 0.54                       | 1500                      |
|                           |                 | 29                      |                           |                 | 32                      |                           |                 | 36                      |                           |                 | 40                      |                           |                 | 46                      |                           |                 |                         |                | 0.36                       | 1000                      |
|                           |                 | 22                      |                           |                 | 24                      |                           |                 | 27                      |                           |                 | 30                      |                           |                 | 34                      |                           |                 |                         |                | 0.27                       | 750                       |
| 763                       | 3216.7          | 39                      | 852                       | 3162.6          | 43                      | 950                       | 3162.6          | 48                      | 1060                      | 3162.6          | 54                      | 1200                      | 3162.6          | 61                      |                           |                 |                         | 3150           | 0.48                       | 1500                      |
|                           |                 | 26                      |                           |                 | 29                      |                           |                 | 32                      |                           |                 | 36                      |                           |                 | 41                      |                           |                 |                         |                | 0.32                       | 1000                      |
|                           |                 | 19                      |                           |                 | 22                      |                           |                 | 24                      |                           |                 | 27                      |                           |                 | 30                      |                           |                 |                         |                | 0.24                       | 750                       |
| 763                       | 3726.7          | 34                      | 852                       | 3664            | 38                      | 950                       | 3664            | 43                      | 1060                      | 3664            | 48                      | 1200                      | 3664            | 54                      |                           |                 |                         | 3550           | 0.42                       | 1500                      |
|                           |                 | 23                      |                           |                 | 26                      |                           |                 | 29                      |                           |                 | 32                      |                           |                 | 36                      |                           |                 |                         |                | 0.28                       | 1000                      |
|                           |                 | 17                      |                           |                 | 19                      |                           |                 | 21                      |                           |                 | 24                      |                           |                 | 27                      |                           |                 |                         |                | 0.21                       | 750                       |
| 763                       | 4282.4          | 30                      | 852                       | 4244.9          | 34                      | 950                       | 4244.9          | 38                      | 1060                      | 4244.9          | 42                      | 1200                      | 4244.9          | 48                      |                           |                 |                         | 4000           | 0.38                       | 1500                      |
|                           |                 | 20                      |                           |                 | 23                      |                           |                 | 25                      |                           |                 | 28                      |                           |                 | 32                      |                           |                 |                         |                | 0.25                       | 1000                      |
|                           |                 | 15                      |                           |                 | 17                      |                           |                 | 19                      |                           |                 | 21                      |                           |                 | 24                      |                           |                 |                         |                | 0.19                       | 750                       |

P系列额定热容量

P SERIES THERMAL CAPACITIES

P2N. 热容量 (卧式安装):

P2N. Thermal capacities (Horizontal mounting position):

| 机座号<br>Type   | 9   | 10 | 11 | 12 | 13 | 14  | 16  | 17  | 18  | 19/20 | 21/22 | 23/24 | 25/26 | 27/28 | 29/30 | 31/32 | 33/34 |
|---|-----|----|----|----|----|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| 风速<br>Wind velocity   | PG1 |    |    |    |    |     |     |     |     |       |       |       |       |       |       |       |       |
| 狭小空间安装 风速 > 0.5 m/s<br>Small confined spaces<br>Wind velocity > 0.5 m/s       | 21  | 26 | 32 | 42 | 49 | 65  | 75  | 92  | 100 | 119   | 142   | 174   | 201   | 242   | 287   | 326   | 366   |
| 大厅或大车间安装<br>风速 > 1.4 m/s<br>Large halls, workshops<br>Wind velocity > 1.4 m/s | 29  | 37 | 45 | 60 | 69 | 92  | 106 | 130 | 147 | 169   | 201   | 246   | 285   | 343   | 406   | 462   | 519   |
| 室外安装<br>风速 > 3.7 m/s<br>In the open<br>Wind velocity > 3.7 m/s                | 39  | 50 | 60 | 80 | 93 | 125 | 143 | 175 | 191 | 228   | 272   | 333   | 386   | 464   | 505   | 626   | 702   |

P2S. 热容量 (卧式安装):

P2S. Thermal capacities (Horizontal mounting position):

| 机座号<br>Type   | 9   | 10 | 11 | 12 | 13 | 14 | 16  | 17  | 18  | 19/20 | 21/22 | 23/24 | 25/26 | 27/28 | 29/30 | 31/32 | 33/34 |
|---|-----|----|----|----|----|----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| 风速<br>Wind velocity   | PG1 |    |    |    |    |    |     |     |     |       |       |       |       |       |       |       |       |
| 狭小空间安装 风速 > 0.5 m/s<br>Small confined spaces<br>Wind velocity > 0.5 m/s       | 15  | 20 | 24 | 32 | 36 | 49 | 56  | 69  | 75  | 89    | 106   | 130   | 151   | 182   | 215   | 245   | 275   |
| 大厅或大车间安装<br>风速 > 1.4 m/s<br>Large halls, workshops<br>Wind velocity > 1.4 m/s | 22  | 28 | 34 | 45 | 52 | 69 | 79  | 97  | 106 | 127   | 151   | 185   | 214   | 257   | 305   | 347   | 389   |
| 室外安装<br>风速 > 3.7 m/s<br>In the open<br>Wind velocity > 3.7 m/s                | 29  | 38 | 45 | 60 | 70 | 94 | 107 | 132 | 143 | 171   | 204   | 250   | 289   | 348   | 412   | 469   | 527   |

P3N. 热容量 (卧式安装):

P3N. Thermal capacities (Horizontal mounting position):

| 机座号<br>Type   | 9   | 10 | 11 | 12 | 13 | 14 | 16  | 17  | 18  | 19/20 | 21/22 | 23/24 | 25/26 | 27/28 | 29/30 | 31/32 | 33/34 |
|---|-----|----|----|----|----|----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| 风速<br>Wind velocity   | PG1 |    |    |    |    |    |     |     |     |       |       |       |       |       |       |       |       |
| 狭小空间安装 风速 > 0.5 m/s<br>Small confined spaces<br>Wind velocity > 0.5 m/s       | 14  | 18 | 22 | 29 | 34 | 46 | 52  | 64  | 70  | 83    | 99    | 121   | 141   | 169   | 200   | 228   | 256   |
| 大厅或大车间安装<br>风速 > 1.4 m/s<br>Large halls, workshops<br>Wind velocity > 1.4 m/s | 20  | 26 | 31 | 41 | 48 | 64 | 74  | 91  | 99  | 118   | 140   | 172   | 199   | 240   | 284   | 323   | 362   |
| 室外安装<br>风速 > 3.7 m/s<br>In the open<br>Wind velocity > 3.7 m/s                | 28  | 35 | 42 | 56 | 65 | 87 | 100 | 123 | 133 | 159   | 190   | 233   | 269   | 324   | 384   | 437   | 490   |

P3S. 热容量 (卧式安装):

P3S. Thermal capacities (Horizontal mounting position):

| 机座号<br>Type   | 9   | 10 | 11 | 12 | 13 | 14 | 16 | 17  | 18  | 19/20 | 21/22 | 23/24 | 25/26 | 27/28 | 29/30 | 31/32 | 33/34 |
|---|-----|----|----|----|----|----|----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|
| 风速<br>Wind velocity   | PG1 |    |    |    |    |    |    |     |     |       |       |       |       |       |       |       |       |
| 狭小空间安装 风速 > 0.5 m/s<br>Small confined spaces<br>Wind velocity > 0.5 m/s       | 12  | 15 | 18 | 24 | 28 | 40 | 43 | 53  | 57  | 69    | 82    | 100   | 116   | 139   | 165   | 188   | 211   |
| 大厅或大车间安装<br>风速 > 1.4 m/s<br>Large halls, workshops<br>Wind velocity > 1.4 m/s | 17  | 21 | 26 | 34 | 40 | 53 | 61 | 75  | 81  | 97    | 116   | 142   | 164   | 197   | 234   | 266   | 298   |
| 室外安装<br>风速 > 3.7 m/s<br>In the open<br>Wind velocity > 3.7 m/s                | 23  | 29 | 35 | 46 | 54 | 72 | 82 | 101 | 110 | 131   | 156   | 192   | 222   | 267   | 316   | 360   | 404   |

注: 以上表格数据均为卧式热容量, 其它安装形式请来电咨询。

Note: Values apply to horizontal mounting position. For other mounting positions please refer to us.



P系列额定热容量

P SERIES THERMAL CAPACITIES

P2L. 热容量 (卧式安装):

P2L. Thermal capacities (Horizontal mounting position):

| 机座号<br>Type  | 9   | 10 | 11 | 12 | 13 | 14 | 16  | 17  | 18  | 19/20 | 21/22 | 23/24 | 25/26 | 27/28 | 29/30 | 31~34                         |
|--|-----|----|----|----|----|----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------------------------------|
| 风速<br>Wind velocity  | PG1 |    |    |    |    |    |     |     |     |       |       |       |       |       |       |                               |
| 狭小空间安装 风速 > 0.5 m/s<br>Small confined spaces<br>Wind velocity > 0.5 m/s    | 14  | 18 | 22 | 29 | 34 | 46 | 52  | 64  | 70  | 83    | 99    | 121   | 141   | 169   | 200   | 按 客 户<br>要求 供货<br>On request. |
| 大厅或大车间安装 风速 > 1.4 m/s<br>Large halls, workshops<br>Wind velocity > 1.4 m/s | 20  | 26 | 31 | 41 | 48 | 64 | 74  | 91  | 99  | 118   | 140   | 172   | 199   | 240   | 284   |                               |
| 室外安装 风速 > 3.7 m/s<br>In the open<br>Wind velocity > 3.7 m/s                | 28  | 35 | 42 | 56 | 65 | 87 | 100 | 123 | 133 | 159   | 190   | 233   | 269   | 324   | 384   |                               |

P2K. 热容量 (卧式安装):

P2K. Thermal capacities (Horizontal mounting position):

| 机座号<br>Type  | 9   | 10 | 11 | 12 | 13 | 14 | 16 | 17  | 18  | 19/20 |
|--|-----|----|----|----|----|----|----|-----|-----|-------|
| 风速<br>Wind velocity  | PG1 |    |    |    |    |    |    |     |     |       |
| 狭小空间安装 风速 > 0.5 m/s<br>Small confined spaces<br>Wind velocity > 0.5 m/s    | 12  | 15 | 18 | 24 | 28 | 38 | 44 | 53  | 58  | 69    |
| 大厅或大车间安装 风速 > 1.4 m/s<br>Large halls, workshops<br>Wind velocity > 1.4 m/s | 17  | 22 | 26 | 35 | 40 | 54 | 62 | 76  | 82  | 98    |
| 室外安装 风速 > 3.7 m/s<br>In the open<br>Wind velocity > 3.7 m/s                | 23  | 29 | 35 | 47 | 54 | 73 | 83 | 102 | 111 | 133   |

P3K. 热容量 (卧式安装):

P3K. Thermal capacities (Horizontal mounting position):

| 机座号<br>Type  | 9   | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 18 | 19/20 | 21/22 | 23/24 | 25/26 | 27/28 | 29/30 | 31~34                         |
|--|-----|----|----|----|----|----|----|----|----|-------|-------|-------|-------|-------|-------|-------------------------------|
| 风速<br>Wind velocity  | PG1 |    |    |    |    |    |    |    |    |       |       |       |       |       |       |                               |
| 狭小空间安装 风速 > 0.5 m/s<br>Small confined spaces<br>Wind velocity > 0.5 m/s    | 10  | 12 | 15 | 20 | 23 | 31 | 35 | 43 | 47 | 56    | 67    | 82    | 95    | 109   | 125   | 按 客 户<br>要求 供货<br>On request. |
| 大厅或大车间安装 风速 > 1.4 m/s<br>Large halls, workshops<br>Wind velocity > 1.4 m/s | 14  | 17 | 21 | 28 | 33 | 44 | 50 | 61 | 66 | 79    | 95    | 116   | 106   | 125   | 144   |                               |
| 室外安装 风速 > 3.7 m/s<br>In the open<br>Wind velocity > 3.7 m/s                | 19  | 24 | 28 | 38 | 44 | 59 | 67 | 83 | 90 | 107   | 128   | 157   | 166   | 195   | 225   |                               |

注：以上表格数据均为卧式热容量，其它安装形式请来电咨询。

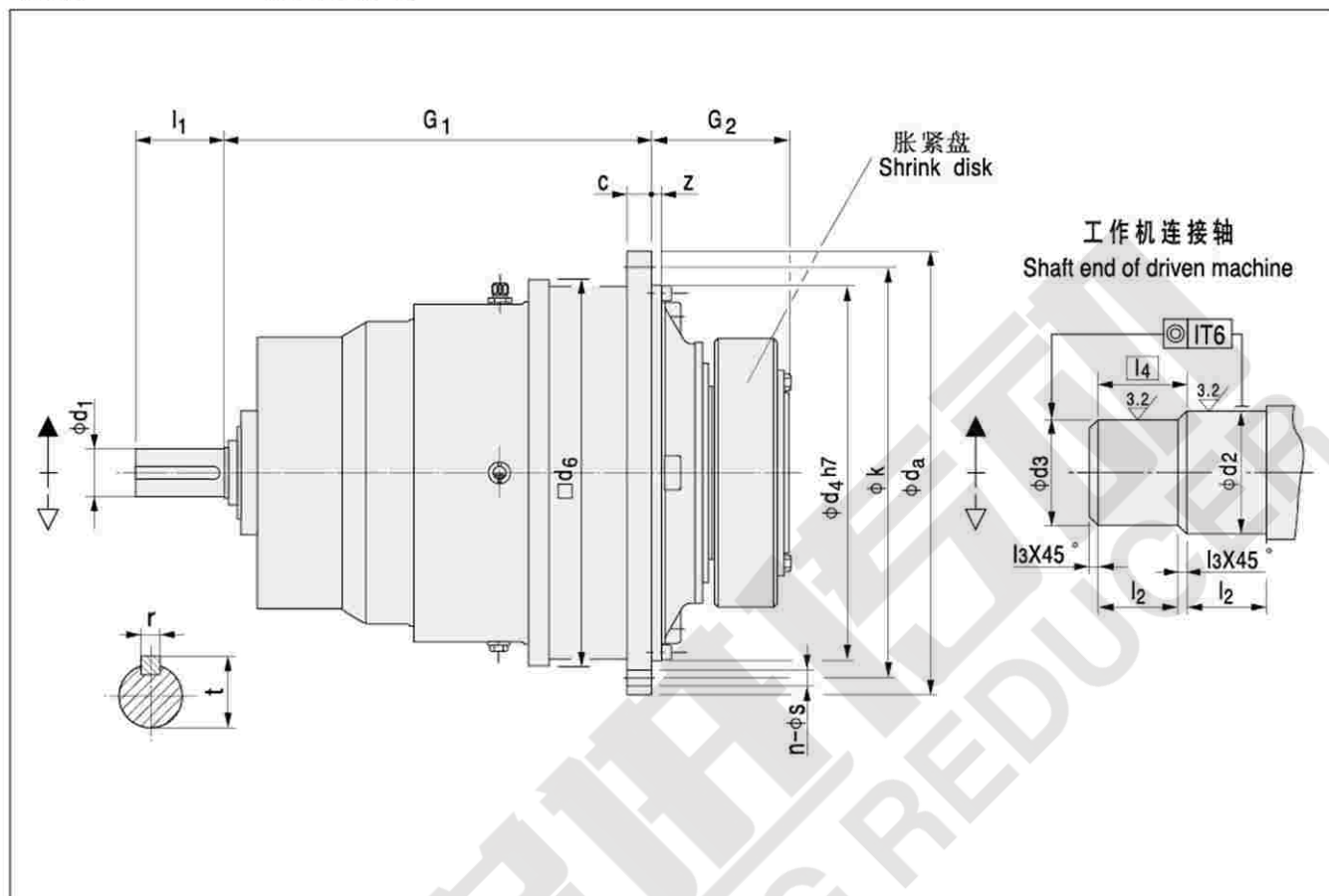
Note: Values apply to horizontal mounting position. For other mounting positions please refer to us.

P系列外形尺寸图表

P SERIES DIMENSION SHEETS

P2NA

$iN = 25 \dots 40$



| P2NA<br>机座号<br>Type | 额定输出扭矩<br>Nominal output torque<br>T2N<br>(N · m) | 输入轴尺寸<br>Shaft end input side |       |     |      | $d_2$ | $d_3$ | $l_2$ | $l_3$ | $l_4$ | $c$ | $d_a$ | $d_4$ | $d_6$ | $G_1$  | $G_2$ | $k$  | $z$          | 法兰孔尺寸<br>Flange bolts |     | 重量<br>Weight<br>(kg) | 油量<br>Oil quantity<br>(l) |
|---------------------|---|-------------------------------|-------|-----|------|-------|-------|-------|-------|-------|-----|-------|-------|-------|--------|-------|------|--------------|-----------------------|-----|----------------------|---------------------------|
|                     |   | $d_1$                         | $l_1$ | $r$ | $t$  |       |       |       |       |       |     |       |       |       |        |       |      |              | $s$                   | $n$ |                      |                           |
| 9                   | 22 000  | 55                            | 90    | 16  | 59   | 120   | 115   | 65    | 2.5   | 67.5  | 24  | 428   | 350   | 356   | 469    | 165   | 388  | $6 \pm 1.5$  | 18                    | 24  | 145                  | 6                         |
| 10                  | 31 000  | 55                            | 90    | 16  | 59   | 130   | 125   | 70    | 2.5   | 72.5  | 28  | 472   | 394   | 400   | 489    | 174   | 436  | $8 \pm 1.5$  | 18                    | 28  | 195                  | 8                         |
| 11                  | 42 000  | 70                            | 120   | 20  | 74.5 | 140   | 135   | 82.5  | 2.5   | 85.0  | 32  | 525   | 425   | 436   | 579    | 204   | 485  | $8 \pm 1.5$  | 22                    | 20  | 280                  | 12                        |
| 12                  | 60 000  | 70                            | 120   | 20  | 74.5 | 160   | 155   | 90    | 2.5   | 92.5  | 34  | 605   | 495   | 510   | 593    | 224   | 555  | $9 \pm 1.5$  | 26                    | 20  | 425                  | 16                        |
| 13                  | 83 000  | 80                            | 140   | 25  | 85   | 180   | 175   | 95    | 2.5   | 97.5  | 39  | 645   | 535   | 554   | 714    | 241   | 595  | $11 \pm 1.5$ | 26                    | 24  | 540                  | 20                        |
| 14                  | 117 000   | 80                            | 140   | 25  | 85   | 210   | 205   | 105   | 2.5   | 107.5 | 42  | 720   | 610   | 629   | 737    | 278   | 665  | $g$          | 26                    | 32  | 805                  | 32                        |
| 16                  | 160 000   | 95                            | 160   | 25  | 100  | 230   | 225   | 110   | 2.5   | 112.5 | 44  | 770   | 660   | 680   | 851    | 285   | 715  | 10           | 26                    | 36  | 1 030                | 40                        |
| 17                  | 202 000   | 95                            | 160   | 25  | 100  | 250   | 245   | 120   | 2.5   | 122.5 | 50  | 895   | 750   | 775   | 877    | 294   | 830  | 10           | 33                    | 24  | 1 500                | 56                        |
| 18                  | 244 000   | 110                           | 180   | 28  | 116  | 260   | 255   | 120   | 2.5   | 122.5 | 50  | 930   | 785   | 815   | 1006   | 303   | 865  | 10           | 33                    | 32  | 1 900                | 66                        |
| 19                  | 295 000   | 110                           | 180   | 28  | 116  | 280   | 275   | 135   | 2.5   | 137.5 | 56  | 980   | 840   | 870   | 1029.5 | 327.5 | 915  | 12           | 33                    | 36  | 2 000                | 82                        |
| 20                  | 354 000   | 110                           | 180   | 28  | 116  | 300   | 295   | 135   | 2.5   | 137.5 | 56  | 980   | 840   | 870   | 1029.5 | 327.5 | 915  | 12           | 33                    | 36  | 2 100                | 75                        |
| 21                  | 392 000   | 120                           | 210   | 32  | 127  | 310   | 305   | 152   | 2.5   | 154.5 | 62  | 1115  | 935   | 960   | 1046   | 354   | 1025 | 24           | 39                    | 32  | 2 650                | 110                       |
| 22                  | 450 000   | 120                           | 210   | 32  | 127  | 330   | 325   | 152   | 2.5   | 154.5 | 62  | 1115  | 935   | 960   | 1046   | 354   | 1025 | 24           | 39                    | 32  | 2 800                | 95                        |
| 23                  | 513 000   | 130                           | 210   | 32  | 137  | 350   | 345   | 164   | 2.5   | 166.5 | 68  | 1210  | 1025  | 1056  | 1150   | 380   | 1120 | 28           | 39                    | 36  | 3 450                | 150                       |
| 24                  | 592 000   | 130                           | 210   | 32  | 137  | 360   | 355   | 164   | 2.5   | 166.5 | 68  | 1210  | 1025  | 1056  | 1150   | 380   | 1120 | 28           | 39                    | 36  | 3 900                | 125                       |
| 25                  | 684 000   | 140                           | 240   | 36  | 148  | 380   | 375   | 180   | 2.5   | 182.5 | 74  | 1320  | 1115  | 1150  | 1241   | 407   | 1220 | 29           | 45                    | 36  | 4 750                | 190                       |
| 26                  | 763 000   | 140                           | 240   | 36  | 148  | 400   | 395   | 180   | 2.5   | 182.5 | 74  | 1320  | 1115  | 1150  | 1241   | 407   | 1220 | 29           | 45                    | 36  | 5 150                | 160                       |
| 27                  | 852 000   | 150                           | 240   | 36  | 158  | 430   | 425   | 191   | 2.5   | 193.5 | 81  | 1460  | 1215  | 1248  | 1379   | 453   | 1345 | 31           | 52                    | 32  | 6 100                | 245                       |
| 28                  | 950 000   | 150                           | 240   | 36  | 158  | 450   | 445   | 191   | 2.5   | 193.5 | 81  | 1460  | 1215  | 1248  | 1379   | 453   | 1345 | 31           | 52                    | 32  | 6 550                | 205                       |
| 29                  | 1 060 000   | 160                           | 270   | 40  | 169  | 460   | 450   | 197.5 | 5     | 202.5 | 87  | 1565  | 1320  | 1355  | 1457   | 483   | 1450 | 34           | 52                    | 36  | 7 800                | 305                       |
| 30                  | 1 200 000   | 160                           | 270   | 40  | 169  | 480   | 470   | 197.5 | 5     | 202.5 | 87  | 1565  | 1320  | 1355  | 1457   | 483   | 1450 | 34           | 52                    | 36  | 8 300                | 255                       |
| 31                  | 1 330 000   | 170                           | 270   | 40  | 179  | 480   | 470   | 232   | 5     | 237.0 | 94  | 1665  | 1400  | 1443  | 1607   | 538   | 1545 | 36           | 62                    | 32  | 10 200               | 380                       |
| 32                  | 1 500 000   | 170                           | 270   | 40  | 179  | 510   | 500   | 232   | 5     | 237.0 | 94  | 1665  | 1400  | 1443  | 1607   | 538   | 1545 | 36           | 62                    | 32  | 10 700               | 315                       |
| 33                  | 1 680 000   | 180                           | 310   | 40  | 179  | 530   | 520   | 242   | 5     | 247.0 | 100 | 1755  | 1495  | 1536  | 1683   | 573   | 1635 | 36           | 62                    | 36  | 12 350               | 460                       |
| 34                  | 1 920 000   | 180                           | 310   | 45  | 190  | 570   | 560   | 242   | 5     | 247.0 | 100 | 1755  | 1495  | 1536  | 1683   | 573   | 1635 | 36           | 62                    | 36  | 13 150               | 380                       |

注: 1 当 $d_1 \leq 100$ 时公差为 $m6$ ,当 $d_1 > 100$ 时公差为 $n6$ ;

2 当尺寸 $d_2$ 或 $d_3 \leq 160$ 时, 公差为 $h6$ ;

当尺寸 $d_2$ 或 $d_3 > 160$ 时, 公差为 $g6$ ;

3 重量不包括胀紧盘和润滑油。

Note: 1 When shaft diameter  $d_1 \leq 100$ , tolerance is  $m6$ ,

When shaft diameter  $d_1 > 100$ , tolerance is  $n6$ ;

2 When shaft diameter  $d_2$  or  $d_3 \leq 160$ , tolerance  $h6$ ;

When shaft diameter  $d_2$  or  $d_3 > 160$ , tolerance  $g6$ ;

3 Weight without shrink disk and oil.

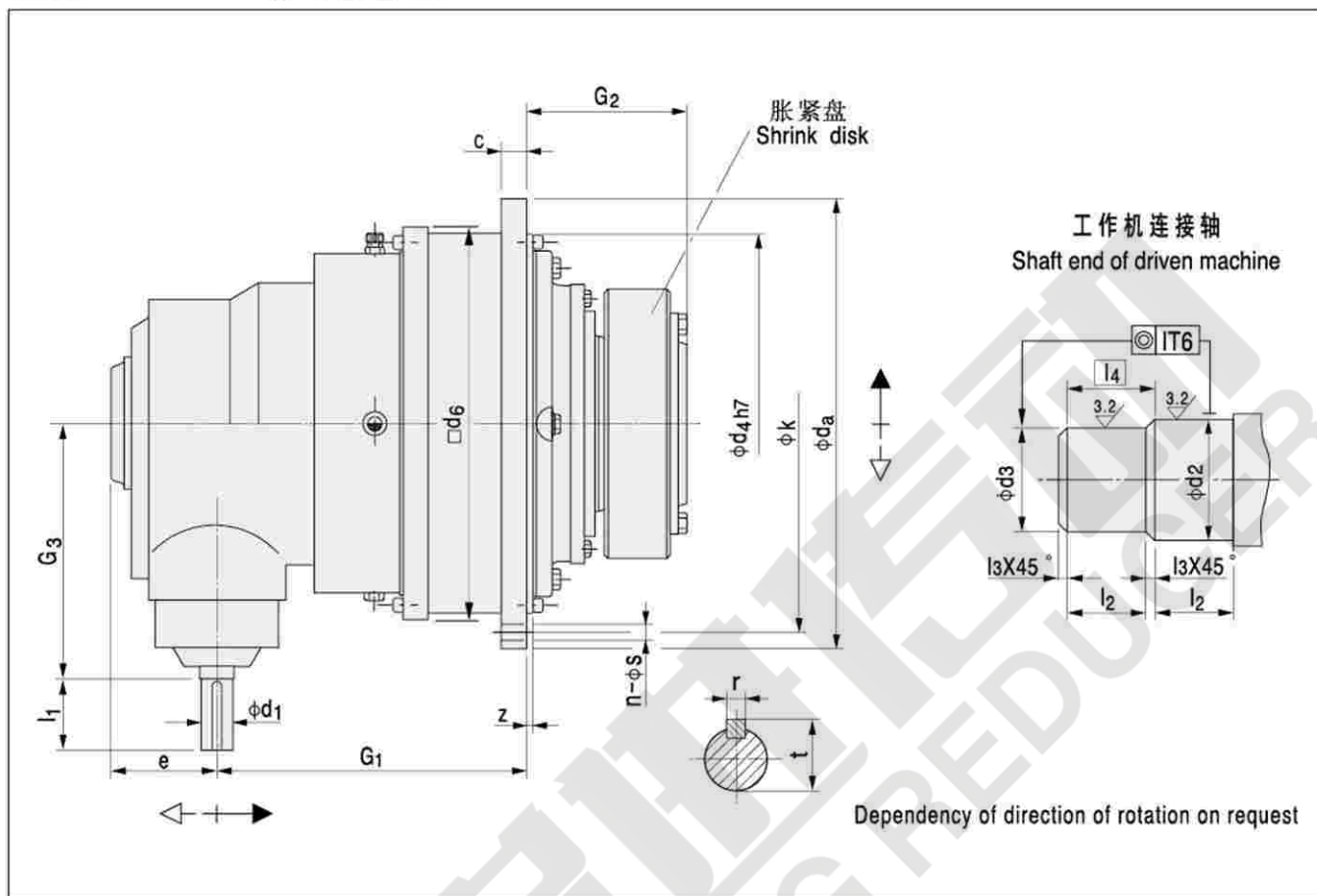


P系列外形尺寸图表

P SERIES DIMENSION SHEETS

P2LA

$i_N = 31.5 \dots 100$



| P2LA<br>机座号<br>Type | 额定输出扭矩<br>Nominal output torque<br>T2N<br>(N · m) | 输入轴尺寸<br>Shaft end input side |                |    |      |                      |                |    |      |     |     |       |     | d <sub>2</sub> | d <sub>3</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | c   | d <sub>a</sub> | d <sub>4</sub> | d <sub>6</sub> | e    | G <sub>1</sub> | G <sub>2</sub> | G <sub>3</sub> | k     | z   | 法兰孔尺寸<br>Flange bolts |  | 重量<br>Weight<br>(kg) | 油量<br>Oil quantity<br>(l) |
|---------------------|---|-------------------------------|----------------|----|------|----------------------|----------------|----|------|-----|-----|-------|-----|----------------|----------------|----------------|----------------|----------------|-----|----------------|----------------|----------------|------|----------------|----------------|----------------|-------|-----|-----------------------|--|----------------------|---------------------------|
|                     |   | i <sub>N</sub> < 90           |                |    |      | i <sub>N</sub> > 100 |                |    |      | s   | n   |       |     |                |                |                |                |                |     |                |                |                |      |                |                |                |       |     |                       |  |                      |                           |
|                     |   | d <sub>1</sub>                | l <sub>1</sub> | r  | t    | d <sub>1</sub>       | l <sub>1</sub> | r  | t    |     |     |       |     |                |                |                |                |                |     |                |                |                |      |                |                |                |       |     |                       |  |                      |                           |
|                     |   |                               |                |    |      |                      |                |    |      |     |     |       |     |                |                |                |                |                |     |                |                |                |      |                |                |                |       |     |                       |  |                      |                           |
| 9                   | 22 000  | 50                            | 100            | 14 | 53.5 | 40                   | 80             | 12 | 43   | 120 | 115 | 65    | 2.5 | 67.5           | 24             | 428            | 350            | 356            | 185 | 425            | 165            | 305            | 388  | 6 ± 1.5        | 18             | 24             | 159   | 6   |                       |  |                      |                           |
| 10                  | 31 000  | 50                            | 100            | 14 | 53.5 | 40                   | 80             | 12 | 43   | 130 | 125 | 70    | 2.5 | 72.5           | 28             | 472            | 394            | 400            | 185 | 445            | 174            | 305            | 436  | 8 ± 1.5        | 18             | 28             | 215   | 8   |                       |  |                      |                           |
| 11                  | 42 000  | 60                            | 110            | 18 | 64   | 50                   | 100            | 14 | 53.5 | 140 | 135 | 82.5  | 2.5 | 85.0           | 32             | 525            | 425            | 436            | 210 | 501            | 204            | 350            | 485  | 8 ± 1.5        | 22             | 20             | 310   | 12  |                       |  |                      |                           |
| 12                  | 60 000  | 60                            | 110            | 18 | 64   | 50                   | 100            | 14 | 53.5 | 160 | 155 | 90    | 2.5 | 92.5           | 34             | 605            | 495            | 510            | 210 | 515            | 224            | 350            | 555  | 9 ± 1.5        | 26             | 20             | 470   | 16  |                       |  |                      |                           |
| 13                  | 83 000  | 75                            | 135            | 20 | 79.5 | 60                   | 110            | 18 | 64   | 180 | 175 | 95    | 2.5 | 97.5           | 39             | 645            | 535            | 554            | 250 | 619            | 241            | 415            | 595  | 11 ± 1.5       | 26             | 24             | 595   | 20  |                       |  |                      |                           |
| 14                  | 117 000   | 75                            | 135            | 20 | 79.5 | 60                   | 110            | 18 | 64   | 210 | 205 | 105   | 2.5 | 107.5          | 42             | 720            | 610            | 629            | 250 | 642            | 278            | 415            | 665  | 9              | 26             | 32             | 890   | 32  |                       |  |                      |                           |
| 16                  | 160 000   | 85                            | 165            | 22 | 90   | 70                   | 140            | 20 | 74.5 | 230 | 225 | 110   | 2.5 | 112.5          | 44             | 770            | 660            | 680            | 295 | 705            | 285            | 490            | 715  | 10             | 26             | 36             | 1 137 | 40  |                       |  |                      |                           |
| 17                  | 202 000   | 85                            | 165            | 22 | 90   | 70                   | 140            | 20 | 74.5 | 250 | 245 | 120   | 2.5 | 122.5          | 50             | 895            | 750            | 775            | 295 | 731            | 294            | 490            | 830  | 10             | 33             | 24             | 1 660 | 56  |                       |  |                      |                           |
| 18                  | 244 000   | 95                            | 165            | 25 | 100  | 75                   | 140            | 20 | 79.5 | 260 | 255 | 120   | 2.5 | 122.5          | 50             | 930            | 785            | 815            | 350 | 882            | 303            | 605            | 865  | 10             | 33             | 32             | 2 100 | 66  |                       |  |                      |                           |
| 19                  | 295 000   | 95                            | 165            | 25 | 100  | 75                   | 140            | 20 | 79.5 | 280 | 275 | 135   | 2.5 | 137.5          | 56             | 980            | 840            | 870            | 350 | 905.5          | 327.5          | 605            | 915  | 12             | 33             | 36             | 2 200 | 82  |                       |  |                      |                           |
| 20                  | 354 000   | 95                            | 165            | 25 | 100  | 75                   | 140            | 20 | 79.5 | 300 | 295 | 135   | 2.5 | 137.5          | 56             | 980            | 840            | 870            | 350 | 905.5          | 327.5          | 605            | 915  | 12             | 33             | 36             | 2 300 | 75  |                       |  |                      |                           |
| 21                  | 392 000   | 115                           | 205            | 32 | 122  | 90                   | 170            | 25 | 95   | 310 | 305 | 152   | 2.5 | 154.5          | 62             | 1115           | 935            | 960            | 400 | 996            | 354            | 700            | 1025 | 24             | 39             | 32             | 2 930 | 110 |                       |  |                      |                           |
| 22                  | 450 000   | 115                           | 205            | 32 | 122  | 90                   | 170            | 25 | 95   | 330 | 325 | 152   | 2.5 | 154.5          | 62             | 1115           | 935            | 960            | 400 | 996            | 354            | 700            | 1025 | 24             | 39             | 32             | 3 100 | 95  |                       |  |                      |                           |
| 23                  | 513 000   | 115                           | 205            | 32 | 122  | 90                   | 170            | 25 | 95   | 350 | 345 | 164   | 2.5 | 166.5          | 68             | 1210           | 1025           | 1056           | 400 | 1055           | 380            | 700            | 1120 | 28             | 39             | 36             | 3 800 | 150 |                       |  |                      |                           |
| 24                  | 592 000   | 115                           | 205            | 32 | 122  | 90                   | 170            | 25 | 95   | 360 | 355 | 164   | 2.5 | 166.5          | 68             | 1210           | 1025           | 1056           | 400 | 1055           | 380            | 700            | 1120 | 28             | 39             | 36             | 4 300 | 125 |                       |  |                      |                           |
| 25                  | 684 000   | 140                           | 245            | 36 | 148  | 110                  | 210            | 28 | 116  | 380 | 375 | 180   | 2.5 | 182.5          | 74             | 1320           | 1115           | 1150           | 475 | 1138           | 407            | 835            | 1220 | 29             | 45             | 36             | 5 250 | 190 |                       |  |                      |                           |
| 26                  | 763 000   | 140                           | 245            | 36 | 148  | 110                  | 210            | 28 | 116  | 400 | 395 | 180   | 2.5 | 182.5          | 74             | 1320           | 1115           | 1150           | 475 | 1138           | 407            | 835            | 1220 | 29             | 45             | 36             | 5 660 | 160 |                       |  |                      |                           |
| 27                  | 852 000   | 140                           | 245            | 36 | 148  | 110                  | 210            | 28 | 116  | 430 | 425 | 191   | 2.5 | 193.5          | 81             | 1460           | 1215           | 1248           | 475 | 1272           | 453            | 835            | 1345 | 31             | 52             | 32             | 6 680 | 245 |                       |  |                      |                           |
| 28                  | 950 000   | 140                           | 245            | 36 | 148  | 110                  | 210            | 28 | 116  | 450 | 445 | 191   | 2.5 | 193.5          | 81             | 1460           | 1215           | 1248           | 475 | 1272           | 453            | 835            | 1345 | 31             | 52             | 32             | 7 180 | 205 |                       |  |                      |                           |
| 29                  | 1 060 000   | 150                           | 245            | 40 | 169  | 115                  | 210            | 32 | 122  | 460 | 450 | 197.5 | 5   | 202.5          | 87             | 1565           | 1320           | 1355           | 530 | 1367           | 483            | 945            | 1450 | 34             | 52             | 36             | 8 500 | 305 |                       |  |                      |                           |
| 30                  | 1 200 000   | 150                           | 245            | 40 | 169  | 115                  | 210            | 32 | 122  | 480 | 470 | 197.5 | 5   | 202.5          | 87             | 1565           | 1320           | 1355           | 530 | 1367           | 483            | 945            | 1450 | 34             | 52             | 36             | 9 070 | 255 |                       |  |                      |                           |
| 31 - 34             |   | On request 按客户要求供货            |                |    |      |                      |                |    |      |     |     |       |     |                |                |                |                |                |     |                |                |                |      |                |                |                |       |     |                       |  |                      |                           |

注：1 当d<sub>1</sub> ≤ 100时公差为m6,当d<sub>1</sub> > 100时公差为n6;  
2 当尺寸d<sub>2</sub>或d<sub>3</sub> ≤ 160时,公差为h6;  
当尺寸d<sub>2</sub>或d<sub>3</sub> > 160时,公差为g6;  
3 重量不包括胀紧盘和润滑油。

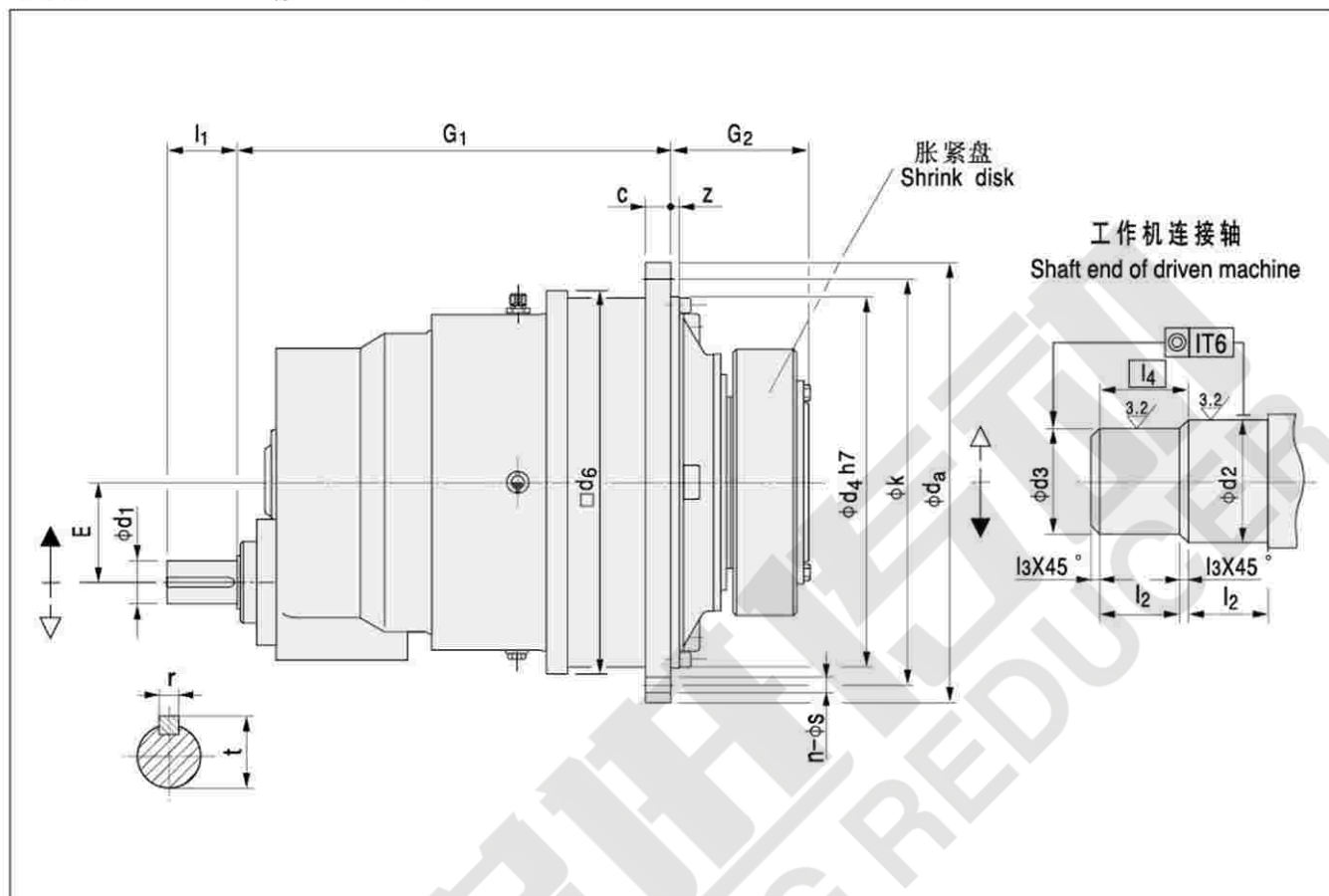
Note: 1 When shaft diameter d<sub>1</sub> ≤ 100, tolerance is m6,  
When shaft diameter d<sub>1</sub> > 100, tolerance is n6;  
2 When shaft diameter d<sub>2</sub> or d<sub>3</sub> ≤ 160, tolerance h6;  
When shaft diameter d<sub>2</sub> or d<sub>3</sub> > 160, tolerance g6;  
3 Weight without shrink disk and oil.

P系列外形尺寸图表

P SERIES DIMENSION SHEETS

P2SA

$i_N = 45 \dots 125$



| P2SA<br>机座号<br>Type | 额定输出扭矩<br>Nominal output torque<br>T <sub>2N</sub><br>(N · m) | 输入轴尺寸<br>Shaft end input side |                |    |      | d <sub>2</sub> | d <sub>3</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | c   | d <sub>a</sub> | d <sub>4</sub> | d <sub>6</sub> | E   | G <sub>1</sub> | G <sub>2</sub> | k    | z                  | 法兰孔尺寸<br>Flange bolts |    | 重量<br>Weight<br>(kg) | 油量<br>Oil quantity<br>(l) |
|---------------------|---|-------------------------------|----------------|----|------|----------------|----------------|----------------|----------------|----------------|-----|----------------|----------------|----------------|-----|----------------|----------------|------|--------------------|-----------------------|----|----------------------|---------------------------|
|                     |   | d <sub>1</sub>                | l <sub>1</sub> | r  | t    |                |                |                |                |                |     |                |                |                |     |                |                |      |                    | s                     | n  |                      |                           |
| 9                   | 22 000  | 38                            | 60             | 10 | 41   | 120            | 115            | 65             | 2.5            | 67.5           | 24  | 428            | 350            | 356            | 90  | 469            | 165            | 388  | 6 <sup>±1.5</sup>  | 18                    | 24 | 160                  | 6                         |
| 10                  | 31 000  | 38                            | 60             | 10 | 41   | 130            | 125            | 70             | 2.5            | 72.5           | 28  | 472            | 394            | 400            | 90  | 489            | 174            | 436  | 8 <sup>±1.5</sup>  | 18                    | 28 | 220                  | 8                         |
| 11                  | 42 000  | 55                            | 90             | 16 | 59   | 140            | 135            | 82.5           | 2.5            | 85.0           | 32  | 525            | 425            | 436            | 115 | 579            | 204            | 485  | 8 <sup>±1.5</sup>  | 22                    | 20 | 310                  | 12                        |
| 12                  | 60 000  | 55                            | 90             | 16 | 59   | 160            | 155            | 90             | 2.5            | 92.5           | 34  | 605            | 495            | 510            | 115 | 593            | 224            | 555  | 9 <sup>±1.5</sup>  | 26                    | 20 | 470                  | 16                        |
| 13                  | 83 000  | 70                            | 120            | 20 | 74.5 | 180            | 175            | 95             | 2.5            | 97.5           | 39  | 645            | 535            | 554            | 140 | 714            | 241            | 595  | 11 <sup>±1.5</sup> | 26                    | 24 | 600                  | 20                        |
| 14                  | 117 000   | 70                            | 120            | 20 | 74.5 | 210            | 205            | 105            | 2.5            | 107.5          | 42  | 720            | 610            | 629            | 140 | 737            | 278            | 665  | g                  | 26                    | 32 | 900                  | 32                        |
| 16                  | 160 000   | 80                            | 140            | 25 | 85   | 230            | 225            | 110            | 2.5            | 112.5          | 44  | 770            | 660            | 680            | 170 | 851            | 285            | 715  | 10                 | 33                    | 36 | 1 150                | 40                        |
| 17                  | 202 000   | 80                            | 140            | 25 | 85   | 250            | 245            | 120            | 2.5            | 122.5          | 50  | 895            | 750            | 775            | 170 | 877            | 294            | 830  | 10                 | 33                    | 36 | 1 650                | 56                        |
| 18                  | 244 000   | 90                            | 160            | 25 | 95   | 260            | 255            | 120            | 2.5            | 122.5          | 50  | 930            | 785            | 815            | 200 | 1006           | 303            | 865  | 10                 | 33                    | 32 | 1 950                | 66                        |
| 19                  | 295 000   | 90                            | 160            | 25 | 95   | 280            | 275            | 135            | 2.5            | 137.5          | 56  | 980            | 840            | 870            | 200 | 1029.5         | 327.5          | 915  | 12                 | 33                    | 36 | 2 400                | 82                        |
| 20                  | 354 000   | 90                            | 160            | 25 | 95   | 300            | 295            | 135            | 2.5            | 137.5          | 56  | 980            | 840            | 870            | 200 | 1029.5         | 327.5          | 915  | 12                 | 33                    | 36 | 2 500                | 75                        |
| 21                  | 392 000   | 100                           | 180            | 28 | 106  | 310            | 305            | 152            | 2.5            | 154.5          | 62  | 1115           | 935            | 960            | 230 | 1076           | 354            | 1025 | 24                 | 39                    | 32 | 2 900                | 110                       |
| 22                  | 450 000   | 100                           | 180            | 28 | 106  | 330            | 325            | 152            | 2.5            | 154.5          | 62  | 1115           | 935            | 960            | 230 | 1076           | 354            | 1025 | 24                 | 39                    | 32 | 3 100                | 95                        |
| 23                  | 513 000   | 120                           | 210            | 32 | 127  | 350            | 345            | 164            | 2.5            | 166.5          | 68  | 1210           | 1025           | 1056           | 265 | 1175           | 380            | 1120 | 28                 | 39                    | 36 | 3 800                | 150                       |
| 24                  | 592 000   | 120                           | 210            | 32 | 127  | 360            | 355            | 164            | 2.5            | 166.5          | 68  | 1210           | 1025           | 1056           | 265 | 1175           | 380            | 1120 | 28                 | 39                    | 36 | 4 100                | 125                       |
| 25                  | 684 000   | 130                           | 210            | 32 | 137  | 380            | 375            | 180            | 2.5            | 182.5          | 74  | 1320           | 1115           | 1150           | 300 | 1291           | 407            | 1220 | 29                 | 45                    | 36 | 4 950                | 190                       |
| 26                  | 763 000   | 130                           | 210            | 32 | 137  | 400            | 395            | 180            | 2.5            | 182.5          | 74  | 1320           | 1115           | 1150           | 300 | 1291           | 407            | 1220 | 29                 | 45                    | 36 | 5 350                | 160                       |
| 27                  | 852 000   | 140                           | 240            | 36 | 148  | 430            | 425            | 191            | 2.5            | 193.5          | 81  | 1460           | 1215           | 1248           | 320 | 1429           | 453            | 1345 | 31                 | 52                    | 32 | 6 800                | 245                       |
| 28                  | 950 000   | 140                           | 240            | 36 | 148  | 450            | 445            | 191            | 2.5            | 193.5          | 81  | 1460           | 1215           | 1248           | 320 | 1429           | 453            | 1345 | 31                 | 52                    | 32 | 7 200                | 205                       |
| 29                  | 1 060 000   | 150                           | 240            | 36 | 158  | 460            | 450            | 197.5          | 5              | 202.5          | 87  | 1565           | 1320           | 1355           | 360 | 1507           | 483            | 1450 | 34                 | 52                    | 36 | 8 500                | 305                       |
| 30                  | 1 200 000   | 150                           | 240            | 36 | 158  | 480            | 470            | 197.5          | 5              | 202.5          | 87  | 1565           | 1320           | 1355           | 360 | 1507           | 483            | 1450 | 34                 | 52                    | 36 | 9 000                | 255                       |
| 31                  | 1 330 000   | 160                           | 270            | 40 | 169  | 480            | 470            | 232            | 5              | 237.0          | 94  | 1665           | 1400           | 1443           | 400 | 1662           | 538            | 1545 | 36                 | 62                    | 32 | 10 500               | 380                       |
| 32                  | 1 500 000   | 160                           | 270            | 40 | 169  | 510            | 500            | 232            | 5              | 237.0          | 94  | 1665           | 1400           | 1443           | 400 | 1662           | 538            | 1545 | 36                 | 62                    | 32 | 11 200               | 315                       |
| 33                  | 1 680 000   | 170                           | 270            | 40 | 179  | 530            | 520            | 242            | 5              | 247.0          | 100 | 1755           | 1495           | 1536           | 400 | 1743           | 573            | 1635 | 36                 | 62                    | 36 | 12 700               | 460                       |
| 34                  | 1 920 000   | 170                           | 270            | 40 | 179  | 570            | 560            | 242            | 5              | 247.0          | 100 | 1755           | 1495           | 1536           | 400 | 1743           | 573            | 1635 | 36                 | 62                    | 36 | 13 500               | 380                       |

注：1 当d<sub>1</sub>≤100时公差为m6,当d<sub>1</sub>>100时公差为n6;

2 当尺寸d<sub>2</sub>或d<sub>3</sub>≤160时,公差为h6;

当尺寸d<sub>2</sub>或d<sub>3</sub>>160时,公差为g6;

3 重量不包括胀紧盘和润滑油。

Note: 1 When shaft diameter d<sub>1</sub> ≤ 100, tolerance is m6,

When shaft diameter d<sub>1</sub> > 100, tolerance is n6;

2 When shaft diameter d<sub>2</sub> or d<sub>3</sub> ≤ 160, tolerance h6;

When shaft diameter d<sub>2</sub> or d<sub>3</sub> > 160, tolerance g6;

3 Weight without shrink disk and oil.

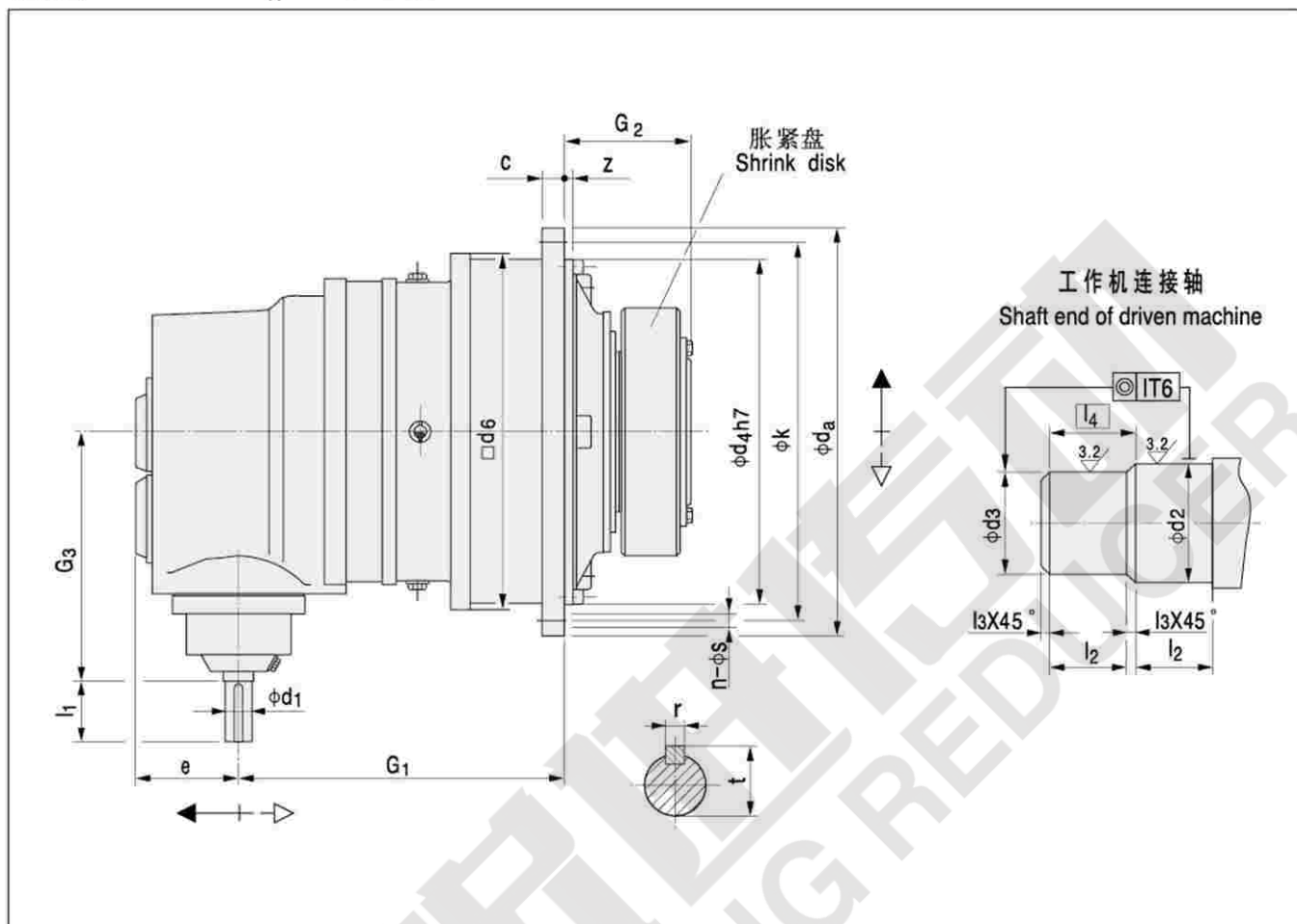


P系列外形尺寸图表

P SERIES DIMENSION SHEETS

P2KA

$i_N = 112 \dots 500$



| P2KA<br>机座号<br>Type | 额定输出扭矩<br>Nominal out-<br>put torque<br>T2N<br>{N · m} | 输入轴尺寸<br>Shaft end input side |                |    |      |                |                |    |      |     |     | d <sub>2</sub> | d <sub>3</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | c   | d <sub>a</sub> | d <sub>4</sub> | d <sub>6</sub> | e     | G <sub>1</sub> | G <sub>2</sub> | G <sub>3</sub> | k  | z  | 法兰孔尺寸<br>Flange bolts |    | 重 量<br>Weight<br>(kg) | 油 量<br>Oil<br>quantity<br>(l) |
|---------------------|--|-------------------------------|----------------|----|------|----------------|----------------|----|------|-----|-----|----------------|----------------|----------------|----------------|----------------|-----|----------------|----------------|----------------|-------|----------------|----------------|----------------|----|----|-----------------------|----|-----------------------|-------------------------------|
|                     |  | iN ≤ 360                      |                |    |      |                | iN > 400       |    |      |     |     |                |                |                |                |                |     |                |                |                |       |                |                |                |    |    | s                     | n  |                       |                               |
|                     |  | d <sub>1</sub>                | l <sub>1</sub> | r  | t    | d <sub>1</sub> | l <sub>1</sub> | r  | t    |     |     |                |                |                |                |                |     |                |                |                |       |                |                |                |    |    |                       |    |                       |                               |
|                     |  |                               |                |    |      |                |                |    |      |     |     |                |                |                |                |                |     |                |                |                |       |                |                |                |    |    |                       |    |                       |                               |
| 9                   | 22 000   | 35                            | 70             | 10 | 38   | 30             | 60             | 8  | 33   | 120 | 115 | 65             | 2.5            | 67.5           | 24             | 428            | 350 | 356            | 119            | 339            | 165   | 320            | 388            | 6±1.5          | 18 | 24 | 165                   | 6  |                       |                               |
| 10                  | 31 000   | 35                            | 70             | 10 | 38   | 30             | 60             | 8  | 33   | 130 | 125 | 70             | 2.5            | 72.5           | 28             | 472            | 394 | 400            | 119            | 359            | 174   | 320            | 436            | 8±1.5          | 18 | 28 | 227                   | 8  |                       |                               |
| 11                  | 42 000   | 45                            | 80             | 14 | 48.5 | 35             | 60             | 10 | 38   | 140 | 135 | 82.5           | 2.5            | 85             | 32             | 525            | 425 | 436            | 137            | 419            | 204   | 375            | 485            | 8±1.5          | 22 | 20 | 320                   | 12 |                       |                               |
| 12                  | 60 000   | 45                            | 80             | 14 | 48.5 | 35             | 60             | 10 | 38   | 160 | 155 | 90             | 2.5            | 92.5           | 34             | 605            | 495 | 510            | 137            | 433            | 224   | 375            | 555            | 9±1.5          | 26 | 20 | 484                   | 16 |                       |                               |
| 13                  | 83 000   | 50                            | 100            | 14 | 53.5 | 40             | 80             | 12 | 43   | 180 | 175 | 95             | 2.5            | 97.5           | 39             | 645            | 535 | 554            | 172            | 518.5          | 241   | 445            | 595            | 11±1.5         | 26 | 24 | 818                   | 20 |                       |                               |
| 14                  | 117 000  | 50                            | 100            | 14 | 53.5 | 40             | 80             | 12 | 43   | 210 | 205 | 105            | 2.5            | 107.5          | 42             | 720            | 610 | 629            | 172            | 541.5          | 278   | 445            | 665            | 9              | 26 | 32 | 927                   | 32 |                       |                               |
| 16                  | 160 000  | 60                            | 110            | 18 | 64   | 50             | 100            | 14 | 53.5 | 230 | 225 | 110            | 2.5            | 112.5          | 44             | 770            | 660 | 680            | 194            | 632            | 285   | 520            | 715            | 10             | 26 | 36 | 1 184                 | 40 |                       |                               |
| 17                  | 202 000  | 60                            | 110            | 18 | 64   | 50             | 100            | 14 | 53.5 | 250 | 245 | 120            | 2.5            | 122.5          | 50             | 895            | 750 | 775            | 194            | 658            | 294   | 520            | 830            | 10             | 33 | 24 | 1 700                 | 56 |                       |                               |
| 18                  | 244 000  | 75                            | 135            | 20 | 79.5 | 60             | 110            | 18 | 64   | 260 | 255 | 120            | 2.5            | 122.5          | 50             | 930            | 785 | 815            | 240            | 741.5          | 303   | 615            | 865            | 10             | 33 | 32 | 2 010                 | 73 |                       |                               |
| 19                  | 295 000  | 75                            | 135            | 20 | 79.5 | 60             | 110            | 18 | 64   | 280 | 275 | 135            | 2.5            | 137.5          | 56             | 980            | 840 | 870            | 240            | 764.5          | 327.5 | 615            | 915            | 12             | 33 | 36 | 2 470                 | 82 |                       |                               |
| 20                  | 354 000  | 75                            | 135            | 20 | 79.5 | 60             | 110            | 18 | 64   | 300 | 295 | 135            | 2.5            | 137.5          | 56             | 980            | 840 | 870            | 240            | 764.5          | 327.5 | 615            | 915            | 12             | 33 | 36 | 2 550                 | 75 |                       |                               |
| 21 – 26             |  |                               |                |    |      |                |                |    |      |     |     |                |                |                |                |                |     |                |                |                |       |                |                |                |    |    |                       |    |                       |                               |
| On request          |  |                               |                |    |      |                |                |    |      |     |     |                |                |                |                |                |     |                |                |                |       |                |                |                |    |    |                       |    |                       |                               |

On request

- 注: 1 当 $d1 \leq 100$ 时公差为m6, 当 $d1 > 100$ 时公差为n6;  
2 当尺寸 $d2$ 或 $d3 \leq 160$ 时, 公差为h6;  
当尺寸 $d2$ 或 $d3 > 160$ 时, 公差为g6;  
3 重量不包括胀紧盘和润滑油。

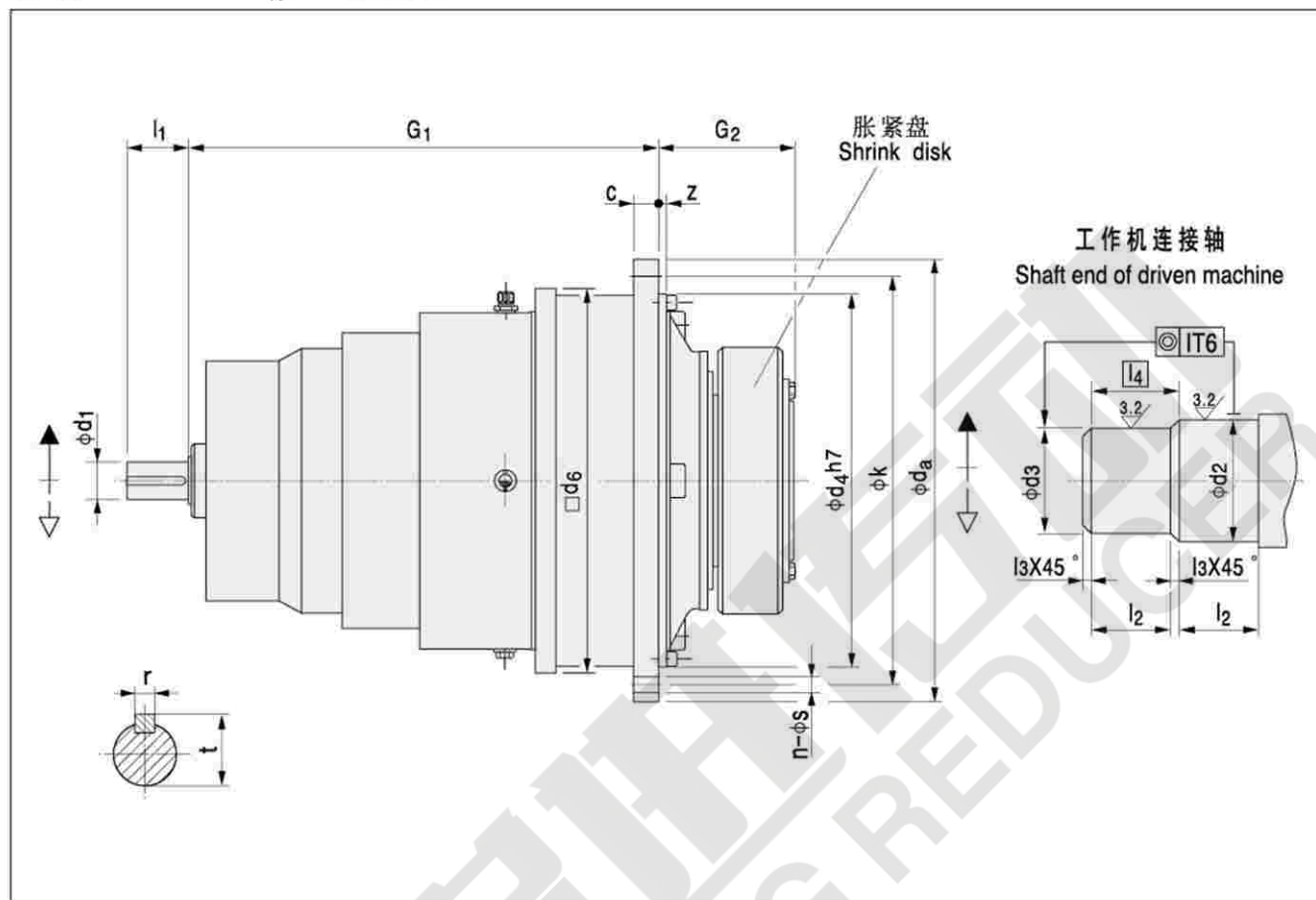
- Note: 1 When shaft diameter  $d1 \leq 100$ , tolerance is m6,  
When shaft diameter  $d1 > 100$ , tolerance is n6;  
2 When shaft diameter  $d2$  or  $d3 \leq 160$ , tolerance h6;  
When shaft diameter  $d2$  or  $d3 > 160$ , tolerance g6;  
3 Weight without shrink disk and oil.

P系列外形尺寸图表

P SERIES DIMENSION SHEETS

P3NA

$i_N = 140 \dots 280$



| P3NA<br>机座号<br>Type | 额定输出扭矩<br>Nominal output torque<br>$T_2N$<br>(N · m) | 输入轴尺寸<br>Shaft end input side |       |     |      | $d_2$ | $d_3$ | $l_2$ | $l_3$ | $l_4$ | $c$ | $d_a$ | $d_4$ | $d_6$ | $G_1$  | $G_2$ | $k$  | $z$          | 法兰孔尺寸<br>Flange bolts |     | 重量<br>Weight<br>(kg) | 油量<br>Oil quantity<br>(l) |
|---------------------|--|-------------------------------|-------|-----|------|-------|-------|-------|-------|-------|-----|-------|-------|-------|--------|-------|------|--------------|-----------------------|-----|----------------------|---------------------------|
|                     |  | $d_1$                         | $l_1$ | $r$ | $t$  |       |       |       |       |       |     |       |       |       |        |       |      |              | $s$                   | $n$ |                      |                           |
| 9                   | 22 000   | 55                            | 90    | 16  | 59   | 120   | 115   | 65    | 2.5   | 67.5  | 24  | 428   | 350   | 356   | 565    | 165   | 388  | $6 \pm 1.5$  | 18                    | 24  | 152                  | 7                         |
| 10                  | 31 000   | 55                            | 90    | 16  | 59   | 130   | 125   | 70    | 2.5   | 72.5  | 28  | 472   | 394   | 400   | 585    | 174   | 436  | $6 \pm 1.5$  | 18                    | 28  | 205                  | 9                         |
| 11                  | 42 000   | 55                            | 90    | 16  | 59   | 140   | 135   | 82.5  | 2.5   | 85.0  | 32  | 525   | 425   | 436   | 616    | 204   | 485  | $8 \pm 1.5$  | 22                    | 20  | 295                  | 13                        |
| 12                  | 60 000   | 55                            | 90    | 16  | 59   | 160   | 155   | 90    | 2.5   | 92.5  | 34  | 605   | 495   | 510   | 630    | 224   | 555  | $9 \pm 1.5$  | 26                    | 20  | 447                  | 17                        |
| 13                  | 83 000   | 55                            | 90    | 16  | 59   | 180   | 175   | 95    | 2.5   | 97.5  | 39  | 645   | 535   | 554   | 688    | 241   | 595  | $11 \pm 1.5$ | 26                    | 24  | 567                  | 21                        |
| 14                  | 117 000  | 55                            | 90    | 16  | 59   | 210   | 205   | 105   | 2.5   | 107.5 | 42  | 720   | 610   | 629   | 711    | 278   | 665  | $11 \pm 1.5$ | 26                    | 32  | 850                  | 33                        |
| 16                  | 160 000  | 70                            | 120   | 20  | 74.5 | 230   | 225   | 110   | 2.5   | 112.5 | 44  | 770   | 660   | 680   | 853    | 285   | 715  | 10           | 26                    | 36  | 1 085                | 42                        |
| 17                  | 202 000  | 70                            | 120   | 20  | 74.5 | 250   | 245   | 120   | 2.5   | 122.5 | 50  | 895   | 750   | 775   | 879    | 294   | 830  | 10           | 33                    | 24  | 1 580                | 60                        |
| 18                  | 244 000  | 80                            | 140   | 25  | 85   | 260   | 255   | 120   | 2.5   | 122.5 | 50  | 930   | 785   | 815   | 1013.5 | 303   | 865  | 10           | 33                    | 32  | 2 000                | 70                        |
| 19                  | 295 000  | 80                            | 140   | 25  | 85   | 280   | 275   | 135   | 2.5   | 137.5 | 56  | 980   | 840   | 870   | 1036.5 | 327.5 | 915  | 12           | 33                    | 36  | 2 100                | 85                        |
| 20                  | 354 000  | 80                            | 140   | 25  | 85   | 300   | 295   | 135   | 2.5   | 137.5 | 56  | 980   | 840   | 870   | 1036.5 | 327.5 | 915  | 12           | 33                    | 36  | 2 200                | 75                        |
| 21                  | 392 000  | 80                            | 140   | 25  | 85   | 310   | 305   | 152   | 2.5   | 154.5 | 62  | 1115  | 935   | 960   | 1093   | 354   | 1025 | 24           | 39                    | 32  | 2 785                | 115                       |
| 22                  | 450 000  | 80                            | 140   | 25  | 85   | 330   | 325   | 152   | 2.5   | 154.5 | 62  | 1115  | 935   | 960   | 1093   | 354   | 1025 | 24           | 39                    | 32  | 2 950                | 105                       |
| 23                  | 513 000  | 95                            | 160   | 25  | 100  | 350   | 345   | 164   | 2.5   | 166.5 | 68  | 1210  | 1025  | 1056  | 1222   | 380   | 1120 | 28           | 39                    | 36  | 3 625                | 155                       |
| 24                  | 592 000  | 95                            | 160   | 25  | 100  | 360   | 355   | 164   | 2.5   | 166.5 | 68  | 1210  | 1025  | 1056  | 1222   | 380   | 1120 | 28           | 39                    | 36  | 4 100                | 135                       |
| 25                  | 684 000  | 95                            | 160   | 25  | 100  | 380   | 375   | 180   | 2.5   | 182.5 | 74  | 1320  | 1115  | 1150  | 1284.5 | 407   | 1220 | 29           | 45                    | 36  | 5 000                | 195                       |
| 26                  | 763 000  | 95                            | 160   | 25  | 100  | 400   | 395   | 180   | 2.5   | 182.5 | 74  | 1320  | 1115  | 1150  | 1284.5 | 407   | 1220 | 29           | 45                    | 36  | 5 400                | 170                       |
| 27                  | 852 000  | 110                           | 180   | 28  | 116  | 430   | 425   | 191   | 2.5   | 193.5 | 81  | 1460  | 1215  | 1248  | 1470   | 453   | 1345 | 31           | 52                    | 32  | 6 400                | 250                       |
| 28                  | 950 000  | 110                           | 180   | 28  | 116  | 450   | 445   | 191   | 2.5   | 193.5 | 81  | 1460  | 1215  | 1248  | 1470   | 453   | 1345 | 31           | 52                    | 32  | 6 875                | 220                       |
| 29                  | 1 060 000  | 110                           | 180   | 28  | 116  | 460   | 450   | 197.5 | 5     | 202.5 | 87  | 1565  | 1320  | 1355  | 1517   | 483   | 1450 | 34           | 52                    | 36  | 8 190                | 310                       |
| 30                  | 1 200 000  | 110                           | 180   | 28  | 116  | 480   | 470   | 197.5 | 5     | 202.5 | 87  | 1565  | 1320  | 1355  | 1517   | 483   | 1450 | 34           | 52                    | 36  | 8 715                | 280                       |
| 31                  | 1 330 000  | 120                           | 210   | 32  | 127  | 480   | 470   | 232   | 5     | 237.0 | 94  | 1665  | 1400  | 1443  | 1585   | 540   | 1545 | 36           | 62                    | 32  | 10 700               | 390                       |
| 32                  | 1 500 000  | 120                           | 210   | 32  | 127  | 510   | 500   | 232   | 5     | 237.0 | 94  | 1665  | 1400  | 1443  | 1585   | 540   | 1545 | 36           | 62                    | 32  | 11 200               | 360                       |
| 33                  | 1 680 000  | 130                           | 210   | 32  | 137  | 530   | 520   | 242   | 5     | 247.0 | 100 | 1755  | 1495  | 1536  | 1710   | 573   | 1635 | 36           | 62                    | 36  | 12 950               | 470                       |
| 34                  | 1 920 000  | 130                           | 210   | 32  | 137  | 570   | 560   | 242   | 5     | 247.0 | 100 | 1755  | 1495  | 1536  | 1710   | 573   | 1635 | 36           | 62                    | 36  | 13 800               | 430                       |

- 注：1 当  $d_1 < 100$  时公差为  $m6$ ，当  $d_1 > 100$  时公差为  $n6$ ；  
 2 当尺寸  $d_2$  或  $d_3 \leq 160$  时，公差为  $h6$ ；  
 当尺寸  $d_2$  或  $d_3 > 160$  时，公差为  $g6$ ；  
 3 重量不包括胀紧盘和润滑油。

- Note: 1 When shaft diameter  $d_1 < 100$ , tolerance is  $m6$ ,  
 When shaft diameter  $d_1 > 100$ , tolerance is  $n6$ ;  
 2 When shaft diameter  $d_2$  or  $d_3 \leq 160$ , tolerance  $h6$ ;  
 When shaft diameter  $d_2$  or  $d_3 > 160$ , tolerance  $g6$ ;  
 3 Weight without shrink disk and oil.

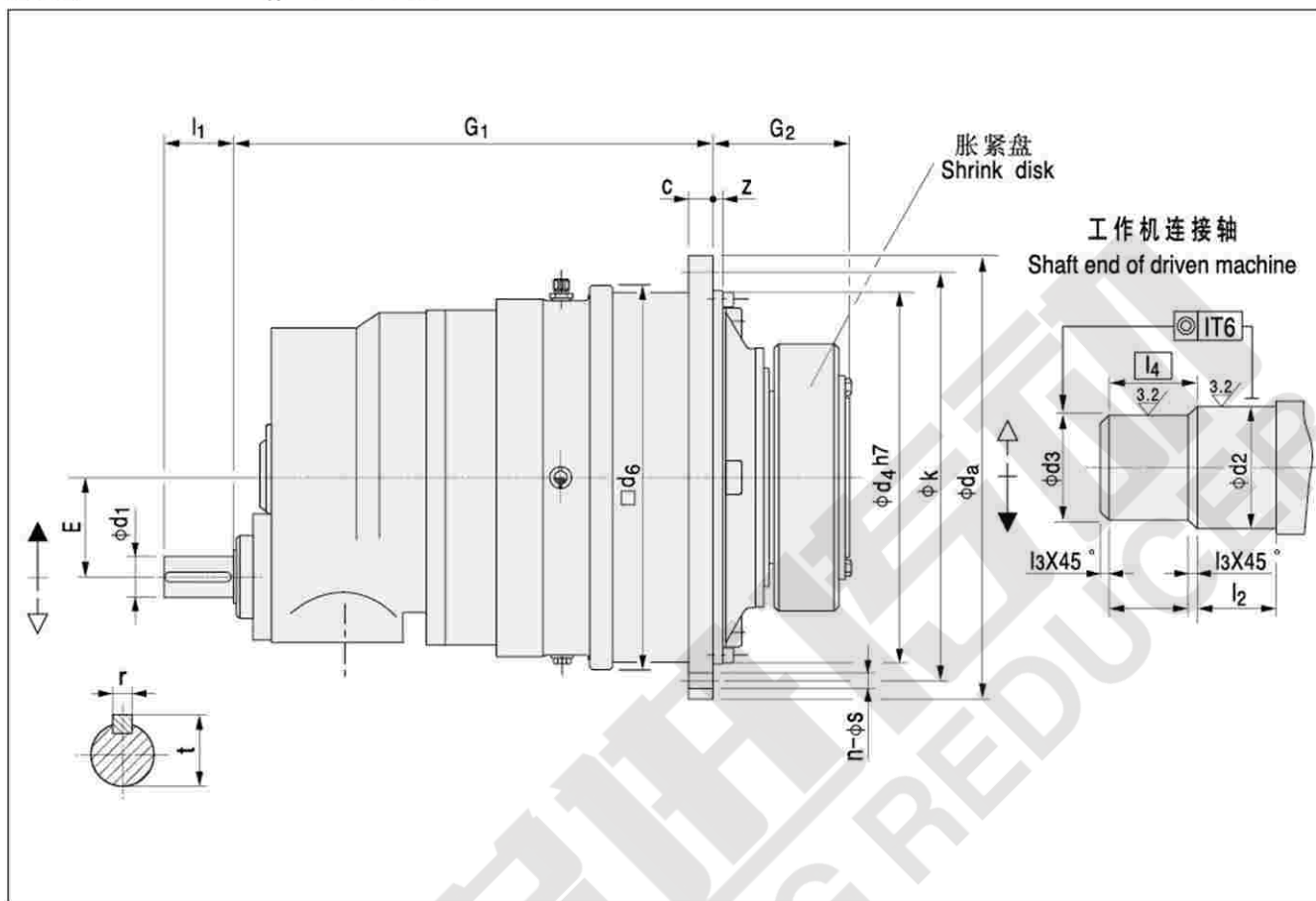


P系列外形尺寸图表

P SERIES DIMENSION SHEETS

P3SA

$i_N = 280 \dots 900$



| P3SA<br>机座号<br>Type | 额定输出扭矩<br>Nominal output torque<br>$T_2N$<br>(N · m) | 输入轴尺寸<br>Shaft end input side |       |     |      | $d_2$ | $d_3$ | $l_2$ | $l_3$ | $l_4$ | $c$ | $d_a$ | $d_4$ | $d_6$ | $E$ | $G_1$  | $G_2$ | $k$  | $z$          | 法兰孔尺寸<br>Flange bolts |     | 重量<br>Weight<br>(kg) | 油量<br>Oil quantity<br>(l) |
|---------------------|--|-------------------------------|-------|-----|------|-------|-------|-------|-------|-------|-----|-------|-------|-------|-----|--------|-------|------|--------------|-----------------------|-----|----------------------|---------------------------|
|                     |  | $d_1$                         | $l_1$ | $r$ | $t$  |       |       |       |       |       |     |       |       |       |     |        |       |      |              | $s$                   | $n$ |                      |                           |
| 9                   | 22 000   | 38                            | 60    | 10  | 41   | 120   | 115   | 65    | 2.5   | 67.5  | 24  | 428   | 350   | 356   | 90  | 565    | 165   | 388  | $6 \pm 1.5$  | 18                    | 24  | 170                  | 7                         |
| 10                  | 31 000   | 38                            | 60    | 10  | 41   | 130   | 125   | 70    | 2.5   | 72.5  | 28  | 472   | 394   | 400   | 90  | 585    | 174   | 436  | $8 \pm 1.5$  | 18                    | 28  | 230                  | 9                         |
| 11                  | 42 000   | 38                            | 60    | 10  | 41   | 140   | 135   | 82.5  | 2.5   | 85.0  | 32  | 525   | 425   | 436   | 90  | 616    | 204   | 485  | $8 \pm 1.5$  | 22                    | 20  | 310                  | 13                        |
| 12                  | 60 000   | 38                            | 60    | 10  | 41   | 160   | 155   | 90    | 2.5   | 92.5  | 34  | 605   | 495   | 510   | 90  | 630    | 224   | 555  | $9 \pm 1.5$  | 26                    | 20  | 460                  | 17                        |
| 13                  | 83 000   | 38                            | 60    | 10  | 41   | 180   | 175   | 95    | 2.5   | 97.5  | 39  | 645   | 535   | 554   | 90  | 688    | 241   | 595  | $11 \pm 1.5$ | 26                    | 24  | 584                  | 21                        |
| 14                  | 117 000  | 38                            | 60    | 10  | 41   | 210   | 205   | 105   | 2.5   | 107.5 | 42  | 720   | 610   | 629   | 90  | 711    | 278   | 665  | 9            | 26                    | 32  | 875                  | 33                        |
| 16                  | 160 000  | 55                            | 90    | 16  | 59   | 230   | 225   | 110   | 2.5   | 112.5 | 44  | 770   | 660   | 680   | 115 | 853    | 285   | 715  | 10           | 26                    | 36  | 1 115                | 42                        |
| 17                  | 202 000  | 55                            | 90    | 16  | 59   | 250   | 245   | 120   | 2.5   | 122.5 | 50  | 895   | 750   | 775   | 115 | 879    | 294   | 830  | 10           | 33                    | 24  | 1 625                | 60                        |
| 18                  | 244 000  | 70                            | 120   | 20  | 74.5 | 260   | 255   | 120   | 2.5   | 122.5 | 50  | 930   | 785   | 815   | 140 | 1013.5 | 303   | 865  | 10           | 33                    | 32  | 2 060                | 70                        |
| 19                  | 295 000  | 70                            | 120   | 20  | 74.5 | 280   | 275   | 135   | 2.5   | 137.5 | 56  | 980   | 840   | 870   | 140 | 1036.5 | 327.5 | 915  | 12           | 33                    | 36  | 2 160                | 85                        |
| 20                  | 354 000  | 70                            | 120   | 20  | 74.5 | 300   | 295   | 135   | 2.5   | 137.5 | 56  | 980   | 840   | 870   | 140 | 1036.5 | 327.5 | 915  | 12           | 33                    | 36  | 2 260                | 75                        |
| 21                  | 392 000  | 70                            | 120   | 20  | 74.5 | 310   | 305   | 152   | 2.5   | 154.5 | 62  | 1115  | 935   | 960   | 140 | 1093   | 354   | 1025 | 14           | 33                    | 32  | 2 870                | 115                       |
| 22                  | 450 000  | 70                            | 120   | 20  | 74.5 | 330   | 325   | 152   | 2.5   | 154.5 | 62  | 1115  | 935   | 960   | 140 | 1093   | 354   | 1025 | 24           | 39                    | 32  | 3 040                | 105                       |
| 23                  | 513 000  | 80                            | 140   | 25  | 85   | 350   | 345   | 164   | 2.5   | 166.5 | 68  | 1210  | 1025  | 1056  | 170 | 1222   | 380   | 1120 | 28           | 39                    | 36  | 3 730                | 155                       |
| 24                  | 592 000  | 80                            | 140   | 25  | 85   | 360   | 355   | 164   | 2.5   | 166.5 | 68  | 1210  | 1025  | 1056  | 170 | 1222   | 380   | 1120 | 28           | 39                    | 36  | 4 220                | 135                       |
| 25                  | 684 000  | 80                            | 140   | 25  | 85   | 380   | 375   | 180   | 2.5   | 182.5 | 74  | 1320  | 1115  | 1150  | 170 | 1284   | 407   | 1220 | 29           | 45                    | 36  | 5 150                | 195                       |
| 26                  | 763 000  | 80                            | 140   | 25  | 85   | 400   | 395   | 180   | 2.5   | 182.5 | 74  | 1320  | 1115  | 1150  | 170 | 1284   | 407   | 1220 | 29           | 45                    | 36  | 5 560                | 170                       |
| 27                  | 852 000  | 90                            | 160   | 25  | 95   | 430   | 425   | 191   | 2.5   | 193.5 | 81  | 1460  | 1215  | 1248  | 200 | 1470   | 453   | 1345 | 31           | 52                    | 32  | 6 580                | 250                       |
| 28                  | 950 000  | 90                            | 160   | 25  | 95   | 450   | 445   | 191   | 2.5   | 193.5 | 81  | 1460  | 1215  | 1248  | 200 | 1470   | 453   | 1345 | 31           | 52                    | 32  | 7 080                | 220                       |
| 29                  | 1 060 000  | 90                            | 160   | 25  | 95   | 460   | 450   | 197.5 | 5     | 202.5 | 87  | 1565  | 1320  | 1355  | 200 | 1517   | 483   | 1450 | 34           | 52                    | 36  | 8 400                | 310                       |
| 30                  | 1 200 000  | 90                            | 160   | 25  | 95   | 480   | 470   | 197.5 | 5     | 202.5 | 87  | 1565  | 1320  | 1355  | 200 | 1517   | 483   | 1450 | 34           | 52                    | 36  | 8 970                | 280                       |
| 31                  | 1 330 000  | 100                           | 180   | 28  | 106  | 480   | 470   | 232   | 5     | 237.0 | 94  | 1665  | 1400  | 1443  | 230 | 1617   | 538   | 1545 | 36           | 62                    | 32  | 11 000               | 390                       |
| 32                  | 1 500 000  | 100                           | 180   | 28  | 106  | 510   | 500   | 232   | 5     | 237.0 | 94  | 1665  | 1400  | 1443  | 230 | 1617   | 538   | 1545 | 36           | 62                    | 32  | 11 500               | 360                       |
| 33                  | 1 680 000  | 120                           | 210   | 32  | 127  | 530   | 520   | 242   | 5     | 247.0 | 100 | 1755  | 1495  | 1536  | 265 | 1735   | 573   | 1635 | 36           | 62                    | 36  | 13 300               | 470                       |
| 34                  | 1 920 000  | 120                           | 210   | 32  | 127  | 570   | 560   | 242   | 5     | 247.0 | 100 | 1755  | 1495  | 1536  | 265 | 1735   | 573   | 1635 | 36           | 62                    | 36  | 14 200               | 430                       |

注：1 当 $d_1 \leq 100$ 时公差为m6,当 $d_1 > 100$ 时公差为n6;

2 当尺寸 $d_2$ 或 $d_3 \leq 160$ 时,公差为h6;

当尺寸 $d_2$ 或 $d_3 > 160$ 时,公差为g6;

3 重量不包括胀紧盘和润滑油。

Note: 1 When shaft diameter  $d_1 \leq 100$ , tolerance is m6,

When shaft diameter  $d_1 > 100$ , tolerance is n6;

2 When shaft diameter  $d_2$  or  $d_3 \leq 160$ , tolerance h6;

When shaft diameter  $d_2$  or  $d_3 > 160$ , tolerance g6;

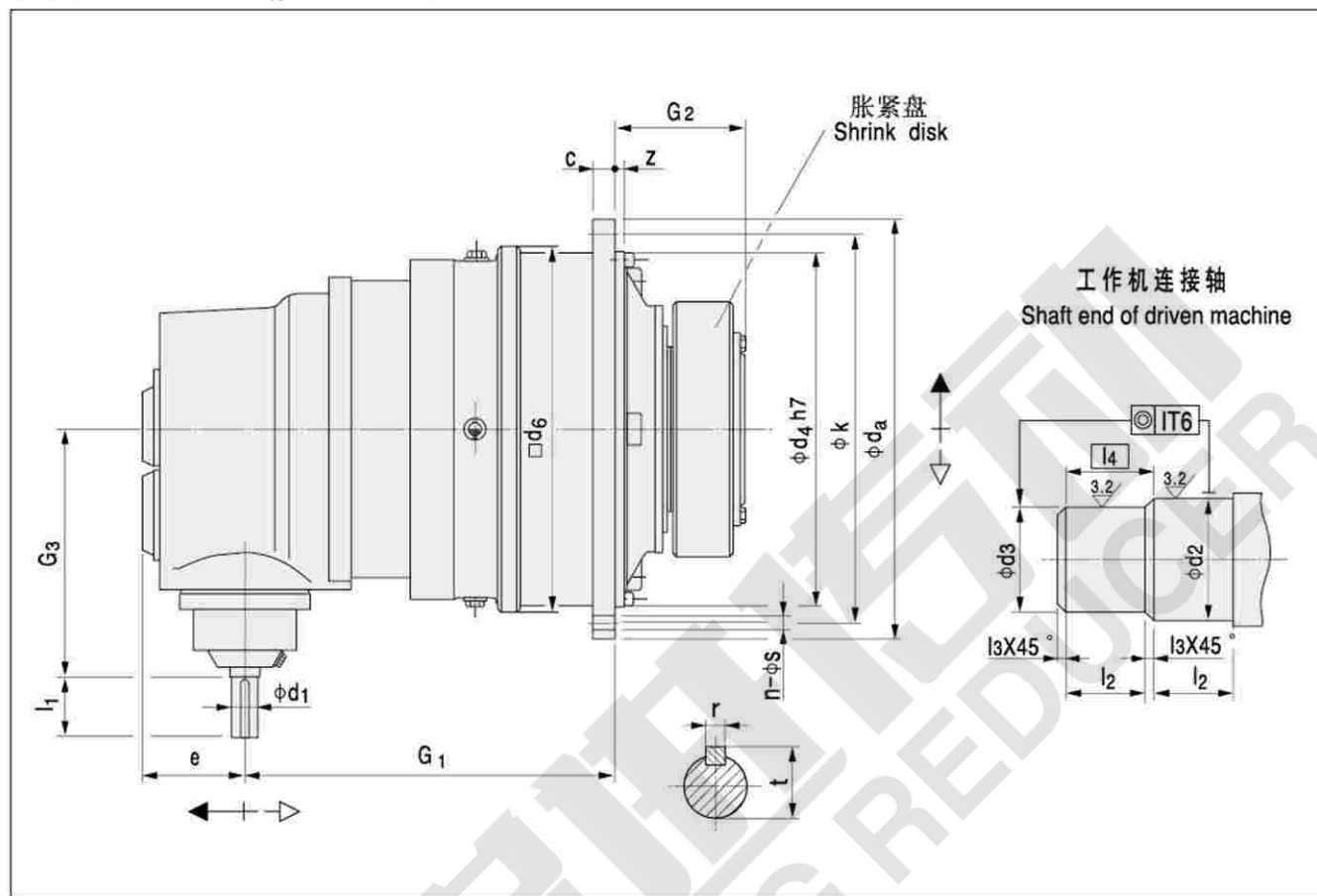
3 Weight without shrink disk and oil.

P系列外形尺寸图表

P SERIES DIMENSION SHEETS

P3KA

$i_N = 560 \dots 4000$



| P3KA<br>机座号<br>Type | 额定输出扭矩<br>Nominal out-<br>put torque<br>T <sub>2N</sub><br>(N · m) | 输入轴尺寸<br>Shaft end input side |                |    |      |                |                |    |      |                       |                |                |                |                |    |                |                | 法兰孔尺寸<br>Flange bolts |     | 重 量<br>Weight<br>(kg) | 油 量<br>Oil<br>quantity<br>(l) |                |      |                |                |                |       |     |
|---------------------|--|-------------------------------|----------------|----|------|----------------|----------------|----|------|-----------------------|----------------|----------------|----------------|----------------|----|----------------|----------------|-----------------------|-----|-----------------------|-------------------------------|----------------|------|----------------|----------------|----------------|-------|-----|
|                     |  | i <sub>N</sub> < 2000         |                |    |      |                |                |    |      | i <sub>N</sub> ≥ 2240 |                |                |                |                |    |                |                | s                     | n   |                       |                               |                |      |                |                |                |       |     |
|                     |  | d <sub>1</sub>                | l <sub>1</sub> | r  | t    | d <sub>1</sub> | l <sub>1</sub> | r  | t    | d <sub>2</sub>        | d <sub>3</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | c  | d <sub>a</sub> | d <sub>4</sub> |                       |     |                       |                               | d <sub>6</sub> | e    | G <sub>1</sub> | G <sub>2</sub> | G <sub>3</sub> | k     | z   |
|                     |  |                               |                |    |      |                |                |    |      |                       |                |                |                |                |    |                |                |                       |     |                       |                               |                |      |                |                |                |       |     |
| 9                   | 22 000   | 35                            | 70             | 10 | 38   | 30             | 60             | 8  | 33   | 120                   | 115            | 65             | 2.5            | 67.5           | 24 | 428            | 350            | 356                   | 119 | 435                   | 165                           | 320            | 388  | 6 ±1.5         | 18             | 24             | 180   | 7   |
| 10                  | 31 000   | 35                            | 70             | 10 | 38   | 30             | 60             | 8  | 33   | 130                   | 125            | 70             | 2.5            | 72.5           | 28 | 472            | 394            | 400                   | 119 | 455                   | 174                           | 320            | 436  | 8 ±1.5         | 18             | 28             | 240   | 9   |
| 11                  | 42 000   | 35                            | 70             | 10 | 38   | 30             | 60             | 8  | 33   | 140                   | 135            | 82.5           | 2.5            | 85             | 32 | 525            | 425            | 436                   | 119 | 486                   | 204                           | 320            | 485  | 8 ±1.5         | 22             | 20             | 315   | 15  |
| 12                  | 60 000   | 35                            | 70             | 10 | 38   | 30             | 60             | 8  | 33   | 160                   | 155            | 90             | 2.5            | 92.5           | 34 | 605            | 495            | 510                   | 119 | 500                   | 224                           | 320            | 555  | 9 ±1.5         | 26             | 20             | 470   | 20  |
| 13                  | 83 000   | 35                            | 70             | 10 | 38   | 30             | 60             | 8  | 33   | 180                   | 175            | 95             | 2.5            | 97.5           | 39 | 645            | 535            | 554                   | 119 | 558                   | 241                           | 320            | 595  | 11 ±1.5        | 26             | 24             | 595   | 21  |
| 14                  | 117 000  | 35                            | 70             | 10 | 38   | 30             | 60             | 8  | 33   | 210                   | 205            | 105            | 2.5            | 107.5          | 42 | 720            | 610            | 629                   | 119 | 581                   | 278                           | 320            | 665  | 9              | 26             | 32             | 890   | 33  |
| 16                  | 160 000  | 45                            | 80             | 14 | 48.5 | 35             | 60             | 10 | 38   | 230                   | 225            | 110            | 2.5            | 112.5          | 44 | 770            | 660            | 680                   | 137 | 693                   | 285                           | 375            | 715  | 10             | 26             | 36             | 1 137 | 42  |
| 17                  | 202 000  | 45                            | 80             | 14 | 48.5 | 35             | 60             | 10 | 38   | 250                   | 245            | 120            | 2.5            | 122.5          | 50 | 895            | 750            | 775                   | 137 | 719                   | 294                           | 375            | 830  | 10             | 33             | 24             | 1 660 | 60  |
| 18                  | 244 000  | 50                            | 100            | 14 | 53.5 | 40             | 80             | 12 | 43   | 260                   | 255            | 120            | 2.5            | 122.5          | 50 | 930            | 785            | 815                   | 172 | 818                   | 303                           | 445            | 865  | 10             | 33             | 32             | 2 100 | 70  |
| 19                  | 295 000  | 50                            | 100            | 14 | 53.5 | 40             | 80             | 12 | 43   | 280                   | 275            | 135            | 2.5            | 137.5          | 56 | 980            | 840            | 870                   | 172 | 841                   | 327.5                         | 445            | 915  | 12             | 33             | 36             | 2 200 | 85  |
| 20                  | 354 000  | 50                            | 100            | 14 | 53.5 | 40             | 80             | 12 | 43   | 300                   | 295            | 135            | 2.5            | 137.5          | 56 | 980            | 840            | 870                   | 172 | 841                   | 327.5                         | 445            | 915  | 12             | 33             | 36             | 2 300 | 75  |
| 21                  | 392 000  | 50                            | 100            | 14 | 53.5 | 40             | 80             | 12 | 43   | 310                   | 305            | 152            | 2.5            | 154.5          | 62 | 1115           | 935            | 960                   | 172 | 897.5                 | 354                           | 445            | 1025 | 24             | 39             | 32             | 2 930 | 115 |
| 22                  | 450 000  | 50                            | 100            | 14 | 53.5 | 40             | 80             | 12 | 43   | 330                   | 325            | 152            | 2.5            | 154.5          | 62 | 1115           | 935            | 960                   | 172 | 897.5                 | 354                           | 445            | 1025 | 24             | 39             | 32             | 3 100 | 105 |
| 23                  | 513 000  | 60                            | 110            | 18 | 64   | 50             | 100            | 14 | 53.5 | 350                   | 345            | 164            | 2.5            | 166.5          | 68 | 1210           | 1025           | 1056                  | 194 | 1003                  | 380                           | 520            | 1120 | 28             | 39             | 36             | 3 800 | 155 |
| 24                  | 592 000  | 60                            | 110            | 18 | 64   | 50             | 100            | 14 | 53.5 | 360                   | 355            | 164            | 2.5            | 166.5          | 68 | 1210           | 1025           | 1056                  | 194 | 1003                  | 380                           | 520            | 1120 | 28             | 39             | 36             | 4 300 | 135 |
| 25                  | 684 000  | 60                            | 110            | 18 | 64   | 50             | 100            | 14 | 53.5 | 380                   | 375            | 180            | 2.5            | 182.5          | 74 | 1320           | 1115           | 1150                  | 194 | 1065                  | 407                           | 520            | 1220 | 29             | 45             | 36             | 5 250 | 195 |
| 26                  | 763 000  | 60                            | 110            | 18 | 64   | 50             | 100            | 14 | 53.5 | 400                   | 395            | 180            | 2.5            | 182.5          | 74 | 1320           | 1115           | 1150                  | 194 | 1065                  | 407                           | 520            | 1220 | 29             | 45             | 36             | 5 660 | 170 |
| 27                  | 852 000  | 75                            | 135            | 20 | 79.5 | 60             | 110            | 18 | 64   | 430                   | 425            | 191            | 2.5            | 193.5          | 81 | 1460           | 1215           | 1248                  | 240 | 1205.5                | 453                           | 615            | 1345 | 31             | 52             | 32             | 6 680 | 250 |
| 28                  | 950 000  | 75                            | 135            | 20 | 79.5 | 60             | 110            | 18 | 64   | 450                   | 445            | 191            | 2.5            | 193.5          | 81 | 1460           | 1215           | 1248                  | 240 | 1205.5                | 453                           | 615            | 1345 | 31             | 52             | 32             | 7 180 | 220 |
| 29                  | 1 060 000  | 75                            | 135            | 20 | 79.5 | 60             | 110            | 18 | 64   | 460                   | 450            | 197.5          | 5              | 202.5          | 87 | 1565           | 1320           | 1355                  | 240 | 1252.5                | 483                           | 615            | 1450 | 34             | 52             | 36             | 8 500 | 310 |
| 30                  | 1 200 000  | 75                            | 135            | 20 | 79.5 | 60             | 110            | 18 | 64   | 480                   | 470            | 197.5          | 5              | 202.5          | 87 | 1565           | 1320           | 1355                  | 240 | 1252.5                | 483                           | 615            | 1450 | 34             | 52             | 36             | 9 070 | 280 |

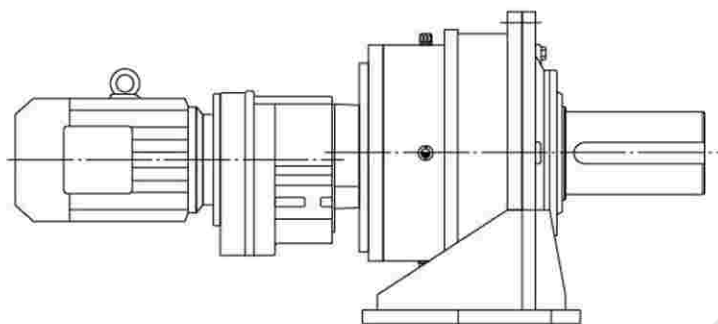
注：1 当d<sub>1</sub>≤100时公差为m6,当d<sub>1</sub>>100时公差为n6;  
2 当尺寸d<sub>2</sub>或d<sub>3</sub>≤160时,公差为h6;  
当尺寸d<sub>2</sub>或d<sub>3</sub>>160时,公差为g6;  
3 重量不包括胀紧盘和润滑油。

Note: 1 When shaft diameter d<sub>1</sub> ≤ 100, tolerance is m6,  
When shaft diameter d<sub>1</sub> > 100, tolerance is n6;  
2 When shaft diameter d<sub>2</sub> or d<sub>3</sub> ≤ 160, tolerance h6;  
When shaft diameter d<sub>2</sub> or d<sub>3</sub> > 160, tolerance g6;  
3 Weight without shrink disk and oil.



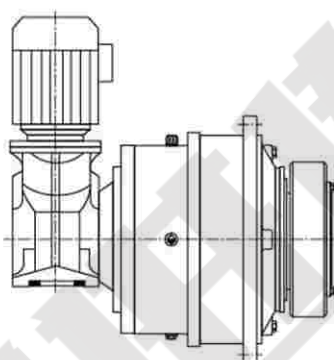
P系列组合型:

P series combination:



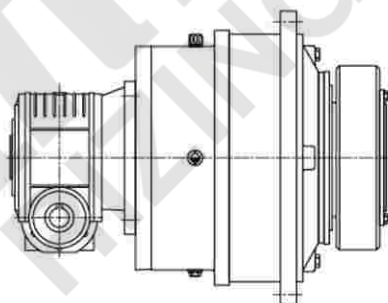
P../R系列组合, 详情来电咨询。

P../R combination please consult us.



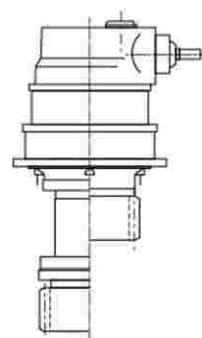
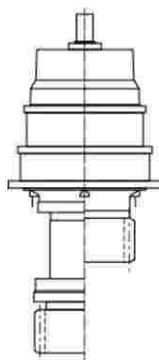
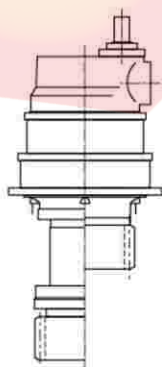
P../K系列组合, 详情来电咨询。

P../K combination please consult us.



P../RV(160-250) 组合, 详情来电咨询。

P../RV(160-250) combination please consult us.



P../TR回转机构, 详情来电咨询。

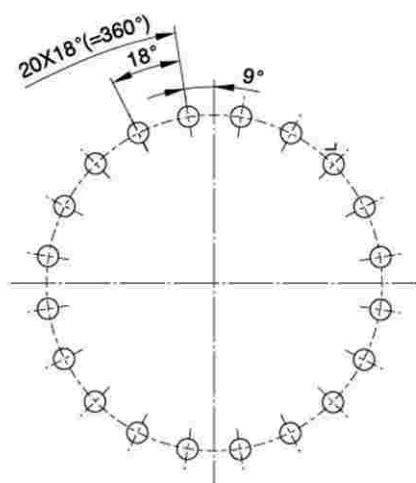
P../TR revering design, please consult us.

P

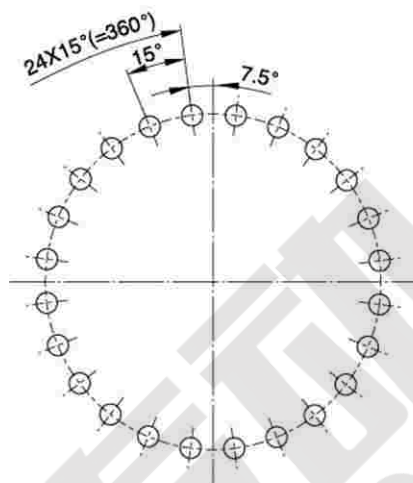
P系列行星齿轮减速机 P PLANETARY GEAR UNITS

输出法兰孔布置图:

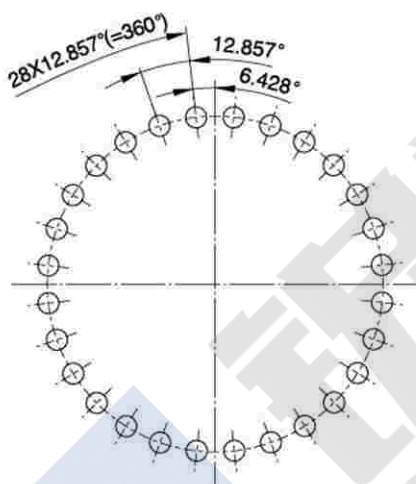
Hole patterns on output flanges:



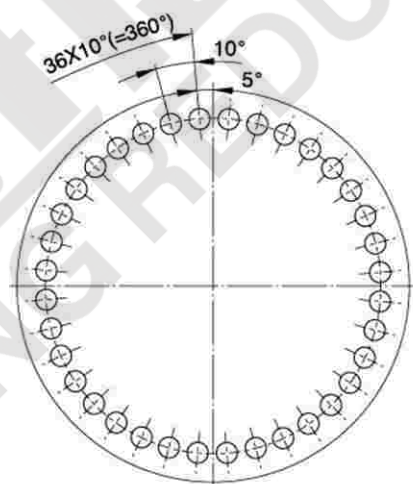
P...11, 12



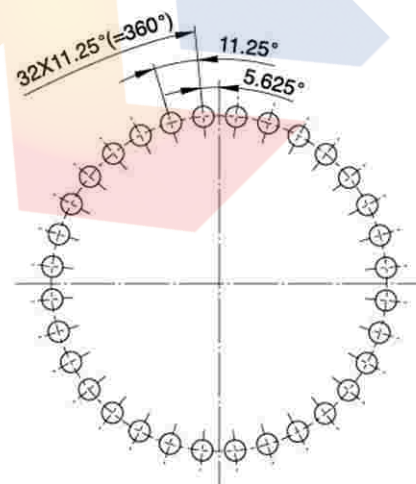
P...9, 13, 17



P...10



P...16, 19, 20, 23, 24, 25, 26, 29, 30, 33, 34



P...14, 18, 21, 22, 27, 28, 31, 32

P



P系列行星齿轮减速机

P PLANETARY GEAR UNITS

P系列齿轮箱输出轴:

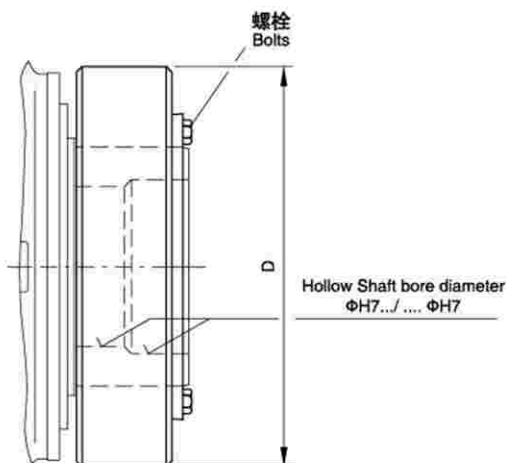
空心轴:

P series gear units output shaft:

Hollow shaft:

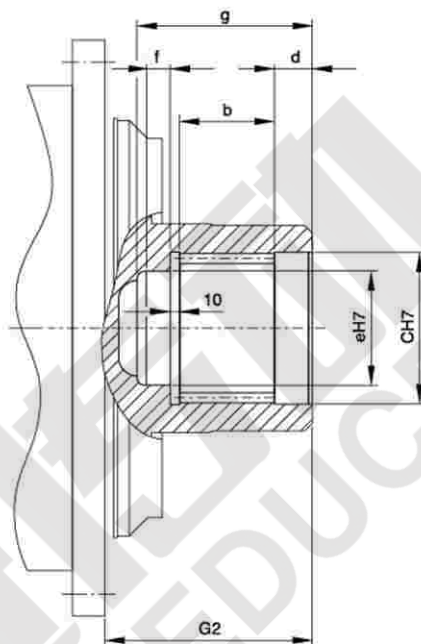
带胀紧盘的空心输出轴

Hollow Shaft for Shrink Disk



渐开线花键空心输出轴

Hollow Shaft with Involute Splines



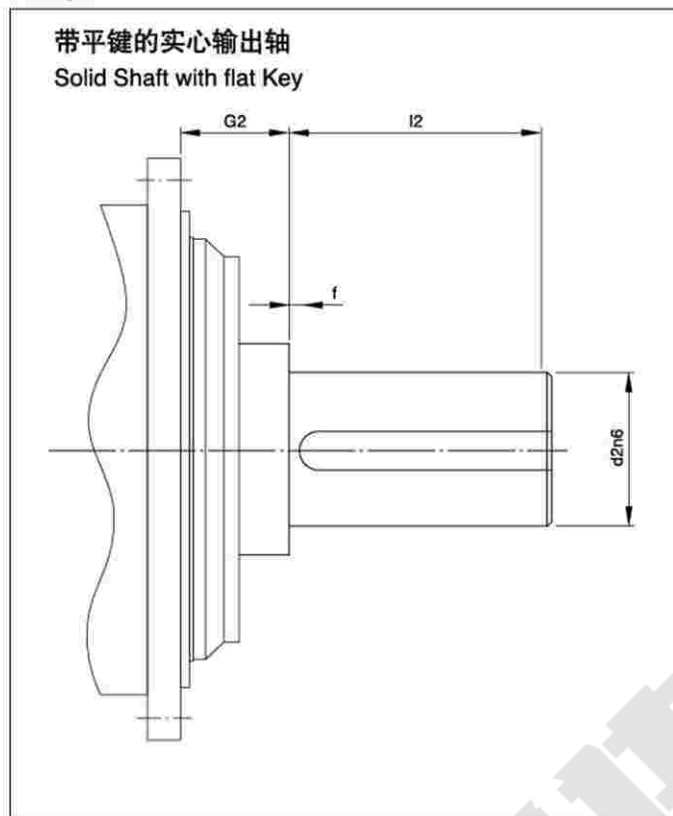
花键齿形按 DIN 5480

Hollow shaft with involute splines acc. to DIN 5480.

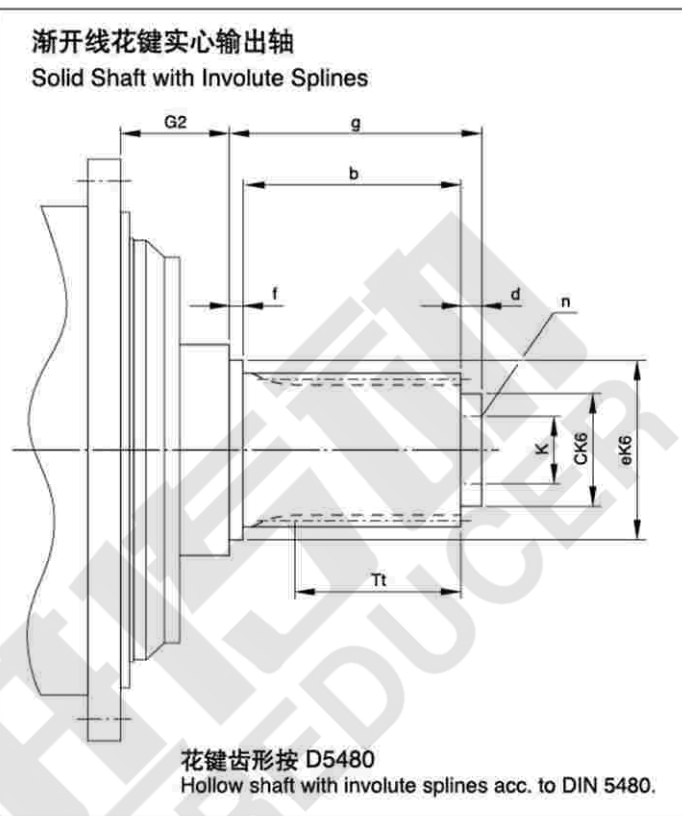
| 机座号<br>Type | 许用扭矩<br>Nominal torque<br>T <sub>2N</sub><br>(N · m) | 胀紧盘<br>Hollow Shaft for Shrink Disk |      |             |                      | 空心花键输出轴<br>Hollow Shaft with Involute Splines |     |     |    |     |    |       |     |
|-------------|--|-------------------------------------|------|-------------|----------------------|---|-----|-----|----|-----|----|-------|-----|
|             |  | 型号<br>Size                          | D    | 螺栓<br>Bolts | 重量<br>Weight<br>(kg) | 内花键规格<br>Type of involute splines             | b   | c   | d  | e   | f  | G2    | g   |
| 9           | 22000  | 155                                 | 263  | M14         | 15.2                 | 120X5X30X22X9H                                | 70  | 122 | 40 | 107 | 20 | 165   | 150 |
| 10          | 31000  | 165                                 | 290  | M16         | 21.5                 | 130X5X30X24X9H                                | 80  | 132 | 40 | 117 | 20 | 174   | 160 |
| 11          | 42000  | 185                                 | 320  | M16         | 32.7                 | 140X5X30X26X9H                                | 90  | 142 | 45 | 125 | 25 | 204   | 180 |
| 12          | 60000  | 220                                 | 370  | M20         | 53                   | 160X5X30X30X9H                                | 100 | 162 | 45 | 145 | 25 | 223   | 190 |
| 13          | 83000  | 240                                 | 405  | M20         | 66                   | 180X5X30X34X9H                                | 110 | 182 | 45 | 165 | 25 | 237   | 200 |
| 14          | 117000   | 280                                 | 460  | M20         | 103                  | 210X5X30X40X9H                                | 125 | 212 | 45 | 195 | 25 | 264   | 215 |
| 16          | 160000   | 300                                 | 485  | M24         | 120                  | 240X8X30X28X9H                                | 140 | 242 | 50 | 220 | 25 | 285   | 235 |
| 17          | 202000   | 320                                 | 520  | M24         | 138                  | 250X8X30X30X9H                                | 150 | 252 | 50 | 230 | 30 | 290   | 250 |
| 18          | 244000   | 340                                 | 570  | M24         | 189                  | 260X8X30X31X9H                                | 160 | 262 | 50 | 240 | 30 | 303   | 260 |
| 19          | 295000   | 360                                 | 590  | M24         | 207                  | 280X8X30X34X9H                                | 170 | 282 | 50 | 260 | 30 | 327.5 | 270 |
| 20          | 354000   | 380                                 | 640  | M27         | 244                  | 300X8X30X36X9H                                | 180 | 302 | 50 | 280 | 30 | 327.5 | 280 |
| 21          | 392000   | 390                                 | 650  | M27         | 249                  | 310X8X30X37X9H                                | 190 | 312 | 60 | 290 | 40 | 354   | 310 |
| 22          | 450000   | 420                                 | 670  | M27         | 285                  | 330X8X30X40X9H                                | 200 | 332 | 60 | 310 | 40 | 354   | 320 |
| 23          | 513000   | 440                                 | 720  | M27         | 357                  | 340X8X30X41X9H                                | 200 | 342 | 60 | 320 | 40 | 348   | 320 |
| 24          | 592000   | 460                                 | 770  | M27         | 419                  | 360X8X30X44X9H                                | 220 | 362 | 60 | 340 | 40 | 368   | 340 |
| 25          | 684000   | 480                                 | 800  | M30         | 492                  | 380X8X30X46X9H                                | 230 | 382 | 60 | 360 | 40 | 372   | 350 |
| 26          | 763000   | 500                                 | 850  | M30         | 567                  | 400X8X30X48X9H                                | 240 | 402 | 60 | 380 | 40 | 382   | 360 |
| 27          | 852000   | 530                                 | 910  | M30         | 744                  | 440X8X30X54X9H                                | 250 | 442 | 60 | 420 | 40 | 423   | 370 |
| 28          | 950000   | 560                                 | 940  | M30         | 776                  | 450X8X30X55X9H                                | 260 | 452 | 65 | 430 | 40 | 428   | 385 |
| 29          | 1060000  | 560                                 | 940  | M30         | 836                  | 460X8X30X56X9H                                | 270 | 462 | 65 | 440 | 45 | 433   | 400 |
| 30          | 1200000  | 590                                 | 960  | M30         | 845                  | 480X8X30X58X9H                                | 285 | 482 | 65 | 460 | 45 | 448   | 415 |
| 31          | 1330000  | 590                                 | 960  | M30         | 935                  |   |     |     |    |     |    |       |     |
| 32          | 1500000  | 620                                 | 1020 | M30         | 1064                 |   |     |     |    |     |    |       |     |
| 33          | 1680000  | 660                                 | 1070 | M33         | 1178                 |   |     |     |    |     |    |       |     |
| 34          | 1920000  | 700                                 | 1140 | M33         | 1345                 |   |     |     |    |     |    |       |     |

P系列行星齿轮减速机 P PLANETARY GEAR UNITS

实心轴:



Solid shaft:



| 机座号<br>Type | 许用扭矩<br>Nominal torque<br>T2N<br>(N · m) | 带平键实心轴<br>Solid shaft<br>with Parallel Key |     |       | 实心花键输出轴<br>Hollow Shaft with Involute Splines |     |     |     |    |     |    |     |     |          |       |
|-------------|--|--|-----|-------|---|-----|-----|-----|----|-----|----|-----|-----|----------|-------|
|             |  | d2   | l2  | G2    | 外花键规格<br>Type of involute splines             | Tt  | b   | c   | d  | e   | f  | g   | k   | n        | G2    |
| 9           | 22000                                    | 120  | 210 | 95    | 130X5X30X24X8m                                | 70  | 80  | 110 | 20 | 132 | 20 | 120 | 80  | 3XM16X24 | 95    |
| 10          | 31000                                    | 130  | 210 | 95    | 140X5X30X26X8m                                | 80  | 90  | 120 | 20 | 142 | 20 | 130 | 90  | 3XM16X24 | 95    |
| 11          | 42000                                    | 150  | 240 | 109   | 160X5X30X30X8m                                | 90  | 100 | 140 | 25 | 162 | 25 | 150 | 110 | 3XM16X24 | 109   |
| 12          | 60000                                    | 160  | 270 | 106   | 180X5X30X34X8m                                | 100 | 110 | 90  | 25 | 182 | 25 | 160 | 130 | 3XM16X24 | 106   |
| 13          | 83000                                    | 180  | 310 | 118   | 200X5X30X38X8m                                | 110 | 120 | 100 | 30 | 202 | 25 | 175 | 140 | 3XM16X24 | 118   |
| 14          | 117000                                   | 210  | 350 | 139   | 220X5X30X42X8m                                | 125 | 135 | 120 | 30 | 222 | 30 | 195 | 160 | 3XM16X24 | 139   |
| 16          | 160000                                   | 230  | 350 | 142   | 250X8X30X30X8m                                | 140 | 155 | 140 | 35 | 252 | 30 | 220 | 185 | 3XM20X30 | 142   |
| 17          | 202000                                   | 250  | 400 | 139   | 260X8X30X31X8m                                | 150 | 165 | 155 | 40 | 262 | 35 | 240 | 200 | 3XM20X30 | 139   |
| 18          | 244000                                   | 260  | 400 | 134   | 280X8X30X34X8m                                | 160 | 175 | 170 | 40 | 282 | 35 | 250 | 215 | 3XM20X30 | 134   |
| 19          | 295000                                   | 280  | 450 | 148.5 | 300X8X30X36X8m                                | 170 | 185 | 180 | 40 | 302 | 35 | 260 | 225 | 3XM20X30 | 148.5 |
| 20          | 354000                                   | 300  | 500 | 148.5 | 310X8X30X37X8m                                | 180 | 195 | 190 | 40 | 312 | 35 | 270 | 235 | 6XM20X30 | 148.5 |
| 21          | 392000                                   | 310  | 500 | 158   | 320X8X30X38X8m                                | 190 | 205 | 200 | 40 | 322 | 35 | 280 | 250 | 6XM20X30 | 158   |
| 22          | 450000                                   | 330  | 500 | 158   | 340X8X30X41X8m                                | 200 | 215 | 210 | 40 | 342 | 35 | 290 | 265 | 6XM20X30 | 158   |
| 23          | 513000                                   | 350  | 550 | 175   | 360X8X30X44X8m                                | 200 | 215 | 230 | 40 | 362 | 35 | 290 | 275 | 6XM20X30 | 175   |
| 24          | 592000                                   | 360  | 590 | 175   | 380X8X30X46X8m                                | 220 | 235 | 245 | 40 | 382 | 35 | 310 | 290 | 6XM20X30 | 175   |
| 25          | 684000                                   | 380  | 590 | 182   | 400X8X30X48X8m                                | 230 | 245 | 260 | 40 | 402 | 35 | 320 | 310 | 6XM24X36 | 182   |
| 26          | 763000                                   | 400  | 650 | 182   | 420X8X30X51X8m                                | 240 | 255 | 280 | 40 | 422 | 35 | 330 | 330 | 6XM24X36 | 182   |
| 27          | 852000                                   | 430  | 690 | 196.5 | 440X8X30X54X8m                                | 250 | 265 | 310 | 40 | 442 | 35 | 340 | 370 | 6XM24X36 | 196.5 |
| 28          | 950000                                   | 450  | 750 | 196.5 | 450X8X30X55X8m                                | 260 | 275 | 330 | 45 | 452 | 40 | 360 | 380 | 6XM24X36 | 196.5 |
| 29          | 1060000                                  | 460  | 750 | 209   | 460X8X30X56X8m                                | 270 | 285 | 340 | 45 | 462 | 40 | 370 | 390 | 6XM24X36 | 209   |
| 30          | 1200000                                  | 480  | 790 | 209   | 480X8X30X58X8m                                | 285 | 300 | 360 | 45 | 482 | 40 | 385 | 410 | 6XM24X36 | 209   |
| 31          | 1330000                                  | 500  | 790 | 232   |   |     |     |     |    |     |    |     |     |          |       |
| 32          | 1500000                                  | 510  | 850 | 232   |   |     |     |     |    |     |    |     |     |          |       |
| 33          | 1690000                                  | 530  | 900 | 251   |   |     |     |     |    |     |    |     |     |          |       |
| 34          | 1920000                                  | 570  | 950 | 251   |   |     |     |     |    |     |    |     |     |          |       |



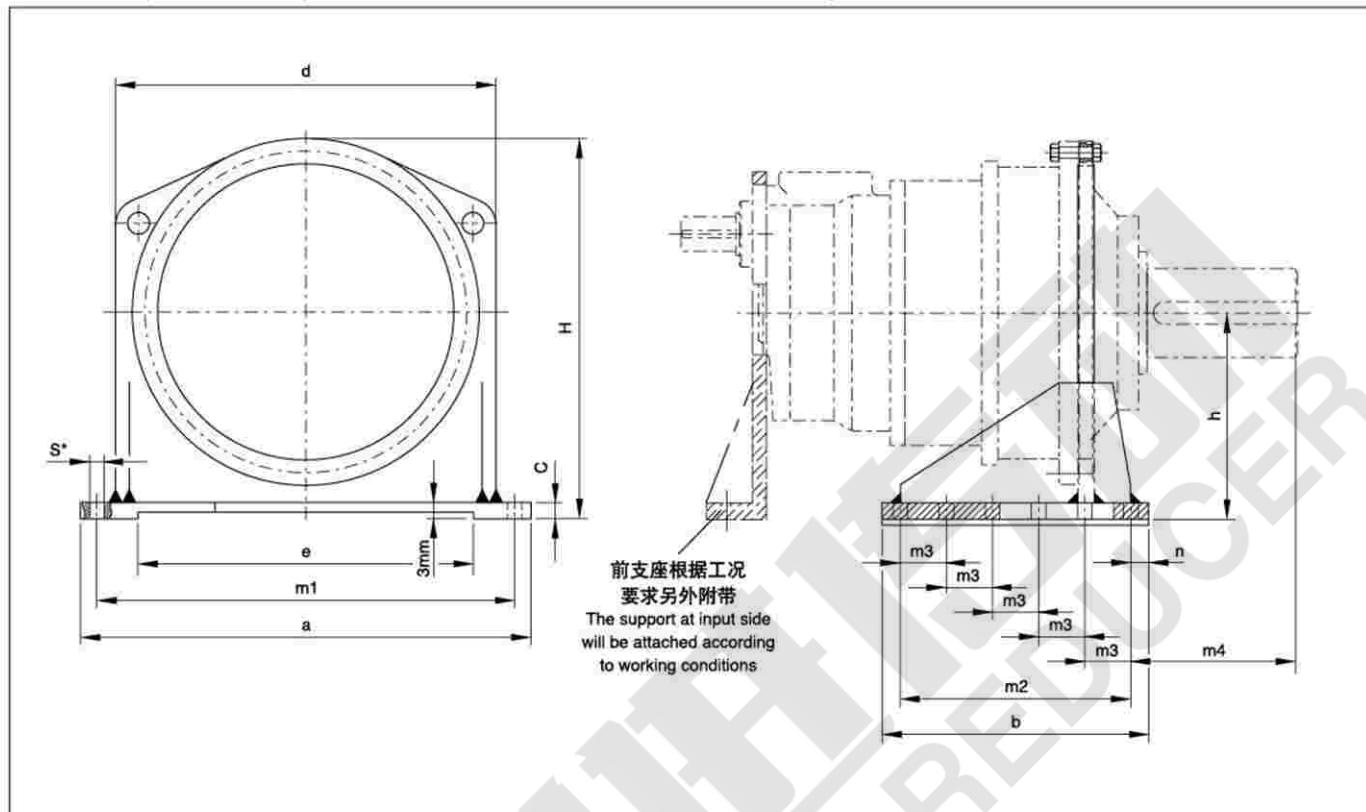
P系列行星齿轮减速机 P PLANETARY GEAR UNITS

附件:

齿轮箱机座(附件代号-96):

Attachments:

Gear Housing Base:



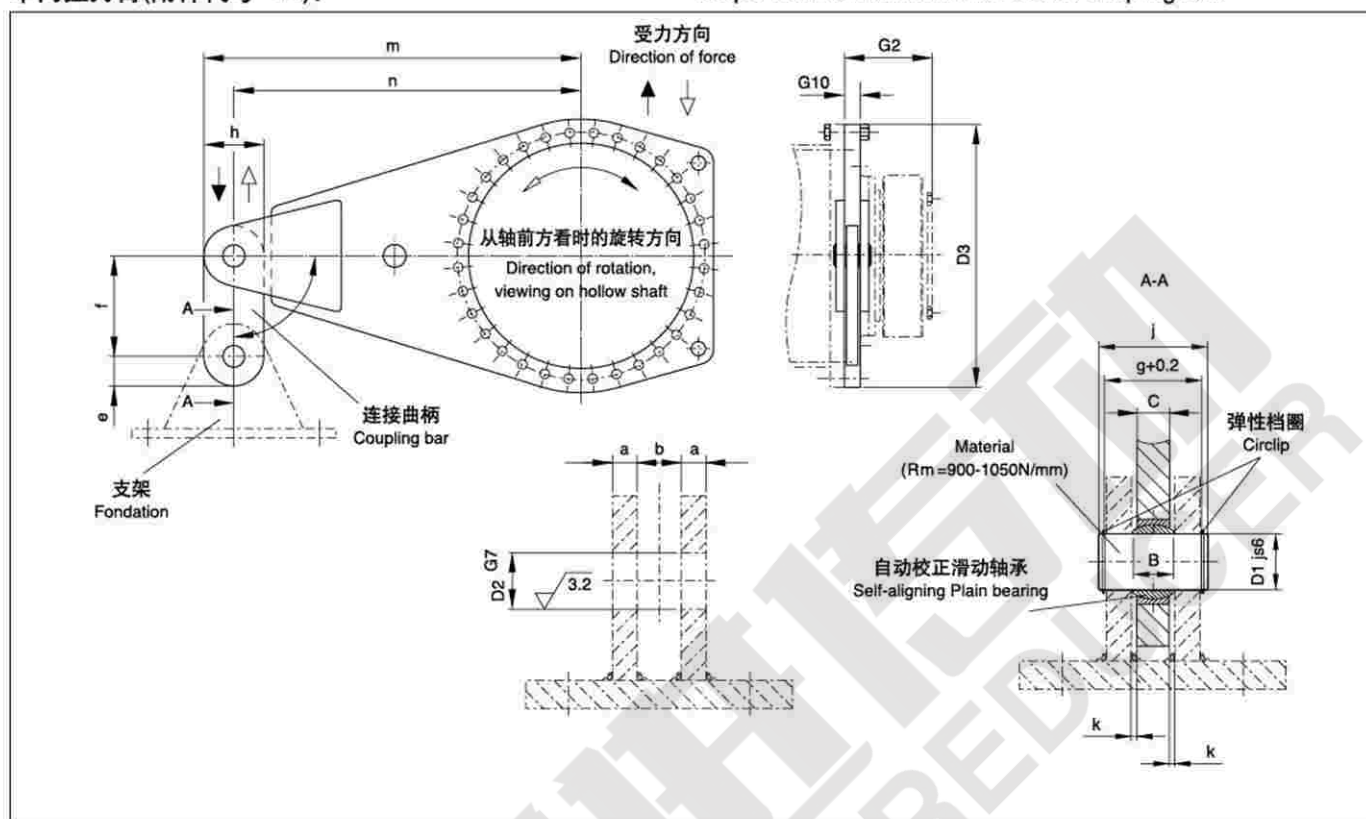
| Size | a    | b    | c  | d    | e    | h    | H    | m1   | m2   | m3  | m4  | n   | 螺栓孔 Bolt |        | 重量 Weight (kg) |
|------|------|------|----|------|------|------|------|------|------|-----|-----|-----|----------|--------|----------------|
|      |      |      |    |      |      |      |      |      |      |     |     |     | s*       | 数量 No. |                |
| 9    | 580  | 330  | 20 | 450  | 380  | 260  | 480  | 520  | 260  | 130 | 240 | 35  | 26       | 2X3    | 56             |
| 10   | 630  | 360  | 25 | 500  | 430  | 280  | 525  | 570  | 290  | 145 | 240 | 35  | 26       | 2X3    | 82             |
| 11   | 680  | 400  | 30 | 550  | 480  | 315  | 585  | 620  | 330  | 110 | 274 | 35  | 26       | 2X4    | 122            |
| 12   | 760  | 450  | 30 | 630  | 560  | 360  | 670  | 700  | 380  | 95  | 292 | 35  | 26       | 2X5    | 157            |
| 13   | 820  | 490  | 35 | 680  | 610  | 390  | 720  | 750  | 420  | 105 | 334 | 35  | 26       | 2X5    | 213            |
| 14   | 920  | 560  | 35 | 760  | 680  | 430  | 800  | 840  | 480  | 120 | 380 | 40  | 33       | 2X5    | 270            |
| 16   | 980  | 580  | 40 | 820  | 700  | 470  | 865  | 900  | 500  | 125 | 374 | 40  | 33       | 2X5    | 350            |
| 17   | 1130 | 670  | 45 | 940  | 810  | 540  | 998  | 1040 | 580  | 145 | 405 | 45  | 39       | 2X5    | 520            |
| 18   | 1180 | 720  | 45 | 980  | 830  | 560  | 1035 | 1080 | 620  | 155 | 385 | 50  | 39       | 2X5    | 580            |
| 19   | 1260 | 760  | 50 | 1050 | 880  | 590  | 1090 | 1160 | 640  | 160 | 450 | 60  | 45       | 2X5    | 720            |
| 20   | 1260 | 760  | 50 | 1050 | 880  | 590  | 1090 | 1160 | 640  | 160 | 500 | 60  | 45       | 2X5    | 720            |
| 21   | 1440 | 840  | 55 | 1170 | 1020 | 660  | 1228 | 1320 | 700  | 175 | 513 | 70  | 52       | 2X5    | 940            |
| 22   | 1440 | 840  | 55 | 1170 | 1020 | 660  | 1228 | 1320 | 700  | 175 | 513 | 70  | 52       | 2X5    | 940            |
| 23   | 1540 | 910  | 60 | 1270 | 1100 | 730  | 1345 | 1420 | 750  | 150 | 567 | 80  | 52       | 2X6    | 1275           |
| 24   | 1540 | 910  | 60 | 1270 | 1100 | 730  | 1345 | 1420 | 750  | 150 | 607 | 80  | 52       | 2X6    | 1275           |
| 25   | 1700 | 1000 | 65 | 1400 | 1240 | 795  | 1465 | 1550 | 860  | 215 | 574 | 70  | 62       | 2X5    | 1670           |
| 26   | 1700 | 1000 | 65 | 1400 | 1240 | 795  | 1465 | 1550 | 860  | 215 | 634 | 70  | 62       | 2X5    | 1670           |
| 27   | 1850 | 1100 | 70 | 1550 | 1370 | 870  | 1610 | 1700 | 950  | 190 | 664 | 75  | 62       | 2X6    | 2170           |
| 28   | 1850 | 1100 | 70 | 1550 | 1370 | 870  | 1610 | 1700 | 950  | 190 | 724 | 75  | 62       | 2X6    | 2170           |
| 29   | 1980 | 1180 | 75 | 1640 | 1460 | 925  | 1715 | 1820 | 1000 | 250 | 731 | 90  | 70       | 2X5    | 2650           |
| 30   | 1980 | 1180 | 75 | 1640 | 1460 | 925  | 1715 | 1820 | 1000 | 250 | 771 | 90  | 70       | 2X5    | 2650           |
| 31   | 2150 | 1300 | 75 | 1750 | 1570 | 1000 | 1845 | 1950 | 1100 | 220 | 773 | 100 | 70       | 2X6    | 3100           |
| 32   | 2150 | 1300 | 75 | 1750 | 1570 | 1000 | 1845 | 1950 | 1100 | 220 | 833 | 100 | 70       | 2X6    | 3100           |
| 33   | 2230 | 1350 | 85 | 1850 | 1630 | 1050 | 1940 | 2050 | 1150 | 230 | 883 | 100 | 78       | 2X6    | 3850           |
| 34   | 2230 | 1350 | 85 | 1850 | 1630 | 1050 | 1940 | 2050 | 1150 | 230 | 933 | 100 | 78       | 2X6    | 3850           |

P

P系列行星齿轮减速机 P PLANETARY GEAR UNITS

单向扭力臂(附件代号-75):

Torque Reaction Arm on one Side for coupling Bar:



| Size  | T2N<br>(N · m) | D1  | D2 | D3   | G2    | G10 | a<br>min. | b  | B* | c  | e    | f   | g<br>+0.2 | h   | j   | k   | m      | n    | 滑动<br>轴承<br>Plain<br>bearing | Weight<br>(kg) |
|-------|----------------|-----|----|------|-------|-----|-----------|----|----|----|------|-----|-----------|-----|-----|-----|--------|------|------------------------------|----------------|
| 9     | 22000          | 30  |    | 440  | 165   | 25  | 15        | 25 | 22 | 18 | 50   | 140 | 59.5      | 100 | 70  | 3.5 | 605    | 555  | 30                           | 38             |
| 10    | 31000          | 35  |    | 485  | 174   | 30  | 15        | 30 | 25 | 20 | 52.5 | 140 | 64.5      | 105 | 75  | 5   | 667.5  | 615  | 35                           | 51             |
| 11    | 42000          | 40  |    | 540  | 204   | 30  | 18        | 30 | 28 | 22 | 65   | 160 | 70.5      | 130 | 85  | 4   | 750    | 685  | 40                           | 82             |
| 12    | 60000          | 40  |    | 620  | 224   | 30  | 18        | 30 | 28 | 22 | 65   | 160 | 70.5      | 130 | 85  | 4   | 850    | 785  | 40                           | 85             |
| 13    | 83000          | 45  |    | 665  | 241   | 35  | 20        | 35 | 32 | 25 | 72.5 | 180 | 79.5      | 145 | 95  | 5   | 912.5  | 840  | 45                           | 113            |
| 14    | 117000         | 50  |    | 740  | 278   | 40  | 20        | 40 | 35 | 30 | 72.5 | 200 | 85        | 145 | 100 | 5   | 1012.5 | 940  | 50                           | 145            |
| 16    | 160000         | 60  |    | 790  | 285   | 50  | 25        | 50 | 44 | 35 | 77.5 | 240 | 105       | 155 | 120 | 7.5 | 1077.5 | 1000 | 60                           | 206            |
| 17    | 202000         | 60  |    | 915  | 294   | 50  | 25        | 50 | 44 | 35 | 85   | 240 | 105       | 170 | 120 | 7.5 | 1250   | 1165 | 60                           | 274            |
| 18    | 244000         | 70  |    | 955  | 303   | 55  | 30        | 55 | 49 | 40 | 105  | 280 | 120       | 210 | 135 | 7.5 | 1315   | 1210 | 70                           | 365            |
| 19    | 295000         | 80  |    | 1005 | 327.5 | 60  | 30        | 60 | 55 | 45 | 105  | 320 | 125       | 210 | 145 | 7.5 | 1405   | 1300 | 80                           | 423            |
| 20    | 354000         | 80  |    | 1005 | 327.5 | 60  | 30        | 60 | 55 | 45 | 105  | 320 | 125       | 210 | 145 | 7.5 | 1405   | 1300 | 80                           | 423            |
| 21    | 392000         | 80  |    | 1140 | 354   | 60  | 30        | 60 | 55 | 45 | 113  | 320 | 125       | 225 | 145 | 7.5 | 1562.5 | 1450 | 80                           | 530            |
| 22    | 450000         | 80  |    | 1140 | 354   | 60  | 30        | 60 | 55 | 45 | 113  | 320 | 125       | 225 | 145 | 7.5 | 1562.5 | 1450 | 80                           | 530            |
| 23    | 513000         | 90  |    | 1235 | 380   | 65  | 30        | 65 | 60 | 50 | 125  | 360 | 130       | 250 | 150 | 7.5 | 1700   | 1575 | 90                           | 665            |
| 24    | 592000         | 90  |    | 1235 | 380   | 65  | 30        | 65 | 60 | 50 | 125  | 360 | 130       | 250 | 150 | 7.5 | 1700   | 1575 | 90                           | 665            |
| 25    | 684000         | 100 |    | 1350 | 407   | 75  | 35        | 75 | 70 | 55 | 138  | 400 | 150       | 275 | 170 | 10  | 1857.5 | 1720 | 100                          | 940            |
| 26    | 763000         | 100 |    | 1350 | 407   | 75  | 35        | 75 | 70 | 55 | 138  | 400 | 150       | 275 | 170 | 10  | 1857.5 | 1720 | 100                          | 940            |
| 27    | 852000         | 110 |    | 1490 | 453   | 75  | 35        | 75 | 70 | 55 | 150  | 440 | 150       | 300 | 175 | 10  | 2050   | 1900 | 110                          | 1120           |
| 28    | 950000         | 110 |    | 1490 | 453   | 75  | 35        | 75 | 70 | 55 | 150  | 440 | 150       | 300 | 175 | 10  | 2050   | 1900 | 110                          | 1120           |
| 29    | 1060000        | 110 |    | 1600 | 483   | 75  | 35        | 75 | 70 | 55 | 158  | 440 | 150       | 315 | 175 | 10  | 2192.5 | 2035 | 110                          | 1260           |
| 30    | 1200000        | 110 |    | 1600 | 483   | 75  | 35        | 75 | 70 | 55 | 158  | 440 | 150       | 315 | 175 | 10  | 2192.5 | 2035 | 110                          | 1260           |
| 31-34 | On request     |     |    |      |       |     |           |    |    |    |      |     |           |     |     |     |        |      |                              |                |

\*) B=22-35, 公差为-0.12  
B=44-55, 公差为-0.15  
B=60-70, 公差为-0.20

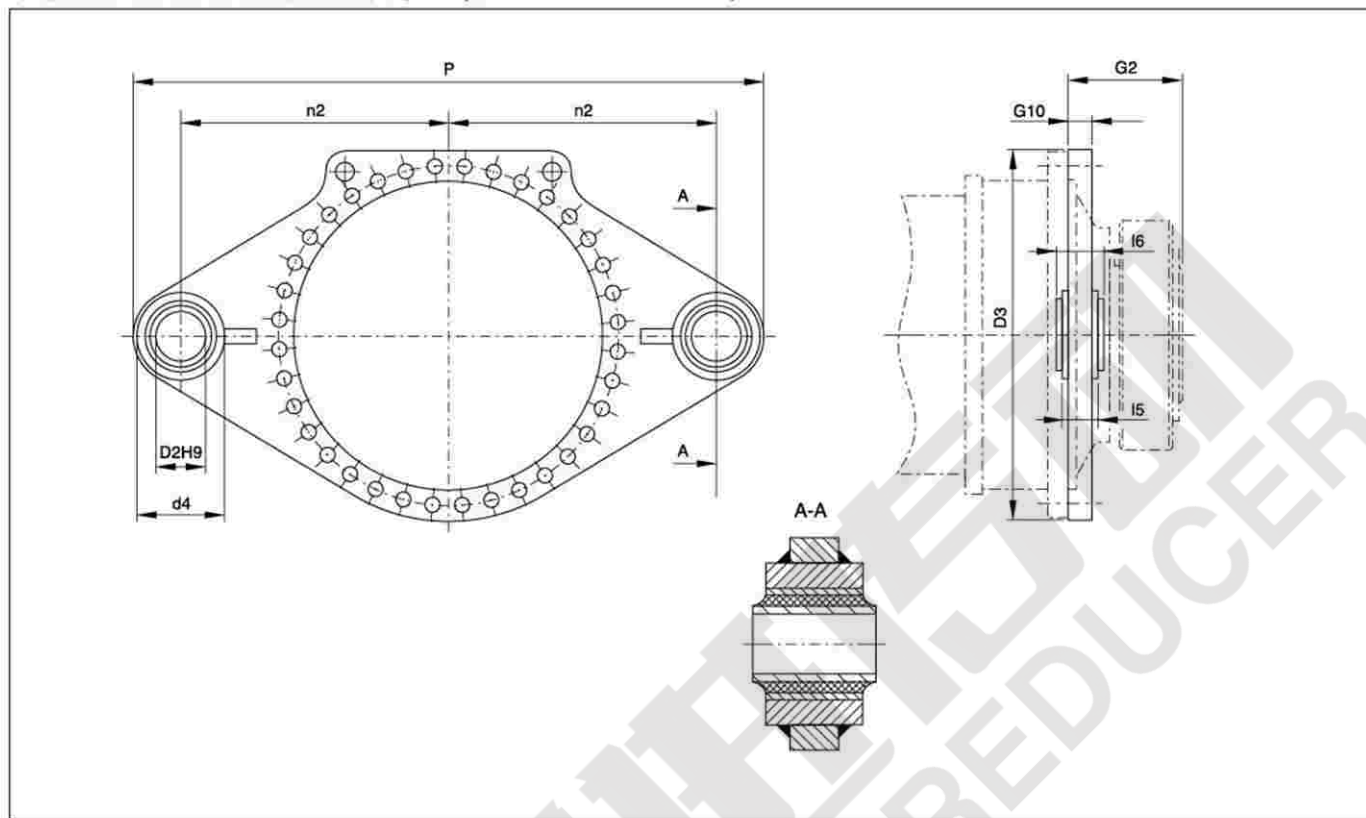
\*) Nominal size B=22-35, tolerance-0.12  
Nominal size B=44-55, tolerance-0.15  
Nominal size B=60-70, tolerance-0.20



P系列行星齿轮减速机 P PLANETARY GEAR UNITS

带橡胶衬套的双向扭力臂(附件代号-76):

Torque Reaction Arm on Two Sides with Rubber Bushes:



| Size | T2N<br>(N · m) | D2* | D3  | d4  | G2  | G10 | l5  | l6  | n2  | P    | 衬套<br>Bush | 质量<br>Weight<br>(kg) |
|------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------------|----------------------|
| 9    | 22000          | 50  | 440 | 115 | 165 | 30  | 100 | 110 | 500 | 1140 | 0118095    | 58                   |
| 10   | 31000          | 50  | 485 | 115 | 174 | 30  | 100 | 110 | 500 | 1240 | 0118095    | 72                   |
| 11   | 42000          | 100 | 540 | 180 | 204 | 30  | 110 | 120 | 575 | 1355 | 0118772    | 95                   |
| 12   | 60000          | 100 | 620 | 180 | 224 | 35  | 110 | 120 | 625 | 1455 | 0118772    | 120                  |
| 13   | 83000          | 110 | 665 | 210 | 241 | 35  | 170 | 180 | 600 | 1435 | 0118802    | 145                  |
| 14   | 117000         | 110 | 740 | 210 | 278 | 40  | 170 | 180 | 650 | 1535 | 0118802    | 170                  |
| 16   | 160000         | 124 | 790 | 240 | 285 | 40  | 220 | 230 | 700 | 1670 | 0118805    | 230                  |
| 17   | 202000         | 124 | 915 | 240 | 288 | 40  | 220 | 230 | 750 | 1770 | 0118805    | 300                  |
| 18   | 244000         | 124 | 955 | 240 | 303 | 50  | 220 | 230 | 900 | 2070 | 0118805    | 400                  |

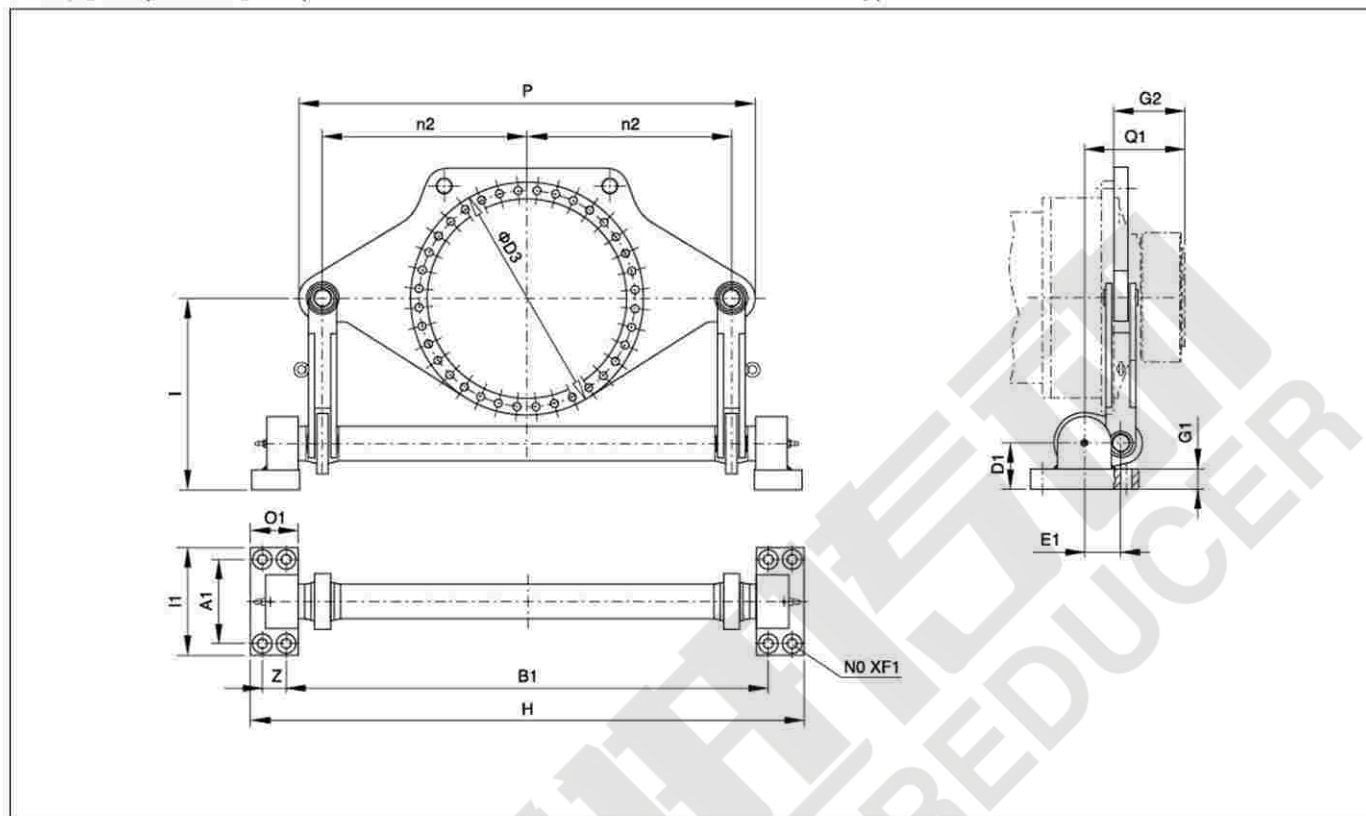
\* 销轴 Pin: Φh8

P

P系列行星齿轮减速机 P PLANETARY GEAR UNITS

扭转轴支架(附件代号-77):

Torsion Shaft Support:



| Size | T2N<br>(N · m) | A1  | B1   | D3   | D1  | E1  | F1 | G1    | G2  | H    | I    | I1  | n2   | N0 | O1  | P    | Q1    | Z   | 重量<br>Weight<br>(kg) |
|------|----------------|-----|------|------|-----|-----|----|-------|-----|------|------|-----|------|----|-----|------|-------|-----|----------------------|
| 9    | 22000          | 250 | 1414 | 610  | 120 | 105 | 33 | 48.5  | 165 | 1619 | 560  | 330 | 550  | 8  | 140 | 1230 | 247.5 | 65  | 300                  |
| 10   | 31000          | 250 | 1414 | 610  | 120 | 105 | 33 | 48.5  | 174 | 1619 | 560  | 330 | 550  | 8  | 140 | 1230 | 256.5 | 65  | 300                  |
| 11   | 42000          | 250 | 1414 | 610  | 120 | 105 | 33 | 48.5  | 204 | 1619 | 560  | 330 | 550  | 8  | 140 | 1230 | 286.5 | 65  | 300                  |
| 12   | 60000          | 250 | 1414 | 610  | 120 | 105 | 33 | 48.5  | 224 | 1619 | 560  | 330 | 550  | 8  | 140 | 1230 | 306.5 | 65  | 300                  |
| 13   | 83000          | 280 | 1604 | 775  | 155 | 145 | 39 | 68.5  | 241 | 1837 | 620  | 380 | 650  | 8  | 158 | 1450 | 358.5 | 75  | 600                  |
| 14   | 117000         | 280 | 1604 | 775  | 155 | 145 | 39 | 68.5  | 278 | 1837 | 620  | 380 | 650  | 8  | 158 | 1450 | 395.5 | 75  | 600                  |
| 16   | 160000         | 280 | 1604 | 775  | 155 | 145 | 39 | 68.5  | 285 | 1837 | 620  | 380 | 650  | 8  | 158 | 1450 | 402.5 | 75  | 600                  |
| 17   | 202000         | 315 | 1777 | 955  | 170 | 165 | 39 | 73.5  | 294 | 2041 | 700  | 400 | 750  | 8  | 180 | 1680 | 431.5 | 84  | 900                  |
| 18   | 244000         | 315 | 1777 | 955  | 170 | 165 | 39 | 73.5  | 303 | 2041 | 700  | 400 | 750  | 8  | 180 | 1680 | 440.5 | 84  | 900                  |
| 19   | 295000         | 350 | 2000 | 985  | 195 | 175 | 45 | 83.5  | 328 | 2300 | 860  | 450 | 850  | 8  | 200 | 1900 | 470.5 | 100 | 1400                 |
| 20   | 354000         | 350 | 2000 | 985  | 195 | 175 | 45 | 83.5  | 328 | 2300 | 860  | 450 | 850  | 8  | 200 | 1900 | 470.5 | 100 | 1400                 |
| 21   | 392000         | 400 | 2254 | 1120 | 210 | 190 | 45 | 88.5  | 354 | 2591 | 900  | 530 | 950  | 8  | 225 | 2110 | 506.5 | 113 | 1700                 |
| 22   | 450000         | 400 | 2254 | 1120 | 210 | 190 | 45 | 88.5  | 354 | 2591 | 900  | 530 | 950  | 8  | 225 | 2110 | 506.5 | 113 | 1700                 |
| 23   | 513000         | 450 | 2496 | 1215 | 235 | 220 | 45 | 98.5  | 380 | 2871 | 1060 | 590 | 1063 | 8  | 250 | 2385 | 562.5 | 125 | 2150                 |
| 24   | 592000         | 450 | 2496 | 1215 | 235 | 220 | 45 | 98.5  | 380 | 2871 | 1060 | 590 | 1063 | 8  | 250 | 2385 | 562.5 | 125 | 2150                 |
| 25   | 684000         | 500 | 2816 | 1350 | 275 | 245 | 52 | 118.5 | 407 | 3236 | 1200 | 650 | 1150 | 8  | 280 | 2600 | 614.5 | 140 | 2700                 |
| 26   | 763000         | 500 | 2816 | 1350 | 275 | 245 | 52 | 118.5 | 407 | 3236 | 1200 | 650 | 1150 | 8  | 280 | 2600 | 614.5 | 140 | 2700                 |
| 27   | 852000         | 530 | 2887 | 1490 | 300 | 255 | 52 | 128.5 | 453 | 3327 | 1250 | 700 | 1250 | 8  | 290 | 2820 | 670.5 | 150 | 3400                 |
| 28   | 950000         | 530 | 2887 | 1490 | 300 | 255 | 52 | 128.5 | 453 | 3327 | 1250 | 700 | 1250 | 8  | 290 | 2820 | 670.5 | 150 | 3400                 |
| 29   | 1060000        | 560 | 3200 | 1565 | 300 | 280 | 62 | 128.5 | 483 | 3673 | 1350 | 750 | 1360 | 8  | 315 | 3080 | 718   | 158 | 4350                 |
| 30   | 1200000        | 560 | 3200 | 1565 | 300 | 280 | 62 | 128.5 | 483 | 3673 | 1350 | 750 | 1360 | 8  | 315 | 3080 | 718   | 158 | 4350                 |
| 31   | 1330000        | 590 | 3408 | 1695 | 340 | 300 | 70 | 148.5 | 538 | 3906 | 1400 | 790 | 1450 | 8  | 330 | 3260 | 788   | 168 | 5500                 |
| 32   | 1500000        | 590 | 3408 | 1695 | 340 | 300 | 70 | 148.5 | 538 | 3906 | 1400 | 790 | 1450 | 8  | 330 | 3260 | 788   | 168 | 5500                 |
| 33   | 1680000        | 620 | 3588 | 1785 | 375 | 320 | 70 | 158.5 | 573 | 4116 | 1500 | 840 | 1550 | 8  | 350 | 3520 | 840.5 | 178 | 7000                 |
| 34   | 1920000        | 620 | 3588 | 1785 | 375 | 320 | 70 | 158.5 | 573 | 4116 | 1500 | 840 | 1500 | 8  | 350 | 3520 | 840.5 | 178 | 7000                 |



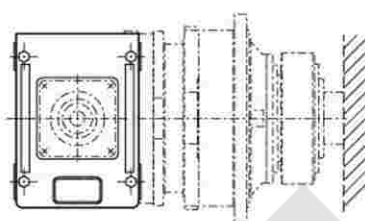
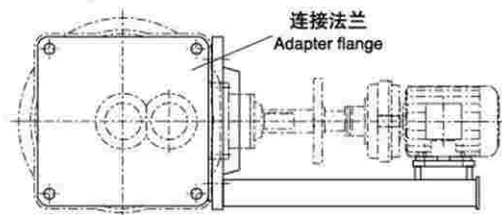
P系列行星齿轮减速机 P PLANETARY GEAR UNITS

电机安装支架:

Motor Bracket:

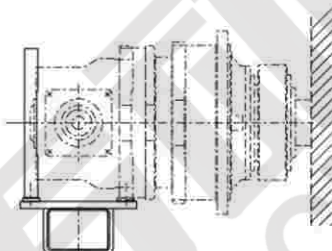
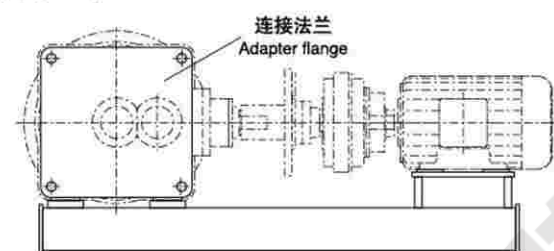
电机安装支架(附件代号-71)

Motor bracket



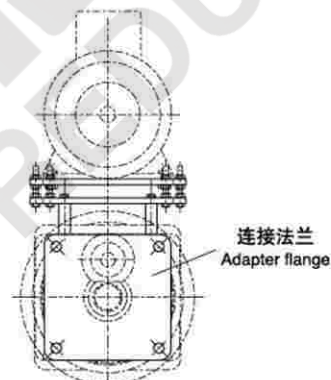
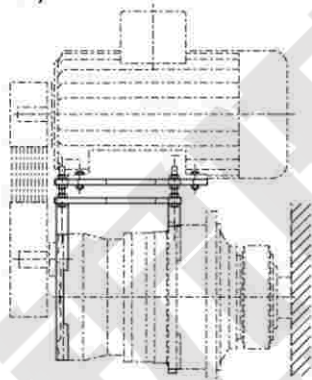
电机安装支架(附件代号-71)

Motor bracket



卧式电机安装支架(附件代号-72)

Motor bracket



法兰联接及底座安装时螺母的预紧扭矩: Tightening Torques for Flange Connections and Foot-mounted Design:

| Size  | Flange attachment      |   | Base attachment       |   |
|-------|------------------------|---|-----------------------|---|
|       | 螺栓<br>Thread<br>(10.9) | 预紧扭矩<br>Tightening<br>torque<br>(N · m) | 螺栓<br>Thread<br>(8.5) | 预紧扭矩<br>Tightening<br>torque<br>(N · m) |
| 9     | M16                    | 295                                     | M24                   | 710                                     |
| 10    | M16                    | 295                                     | M24                   | 710                                     |
| 11    | M20                    | 580                                     | M24                   | 710                                     |
| 12    | M24                    | 1000                                    | M24                   | 710                                     |
| 13    | M24                    | 1000                                    | M24                   | 710                                     |
| 14    | M24                    | 1000                                    | M30                   | 1450                                    |
| 16    | M24                    | 1000                                    | M30                   | 1450                                    |
| 17    | M30                    | 2000                                    | M36                   | 2530                                    |
| 18    | M30                    | 2000                                    | M36                   | 2530                                    |
| 19/20 | M30                    | 2000                                    | M42                   | 4070                                    |
| 21/22 | M36                    | 3560                                    | M48                   | 6140                                    |
| 23/24 | M36                    | 3560                                    | M48                   | 6140                                    |
| 25/26 | M42                    | 5720                                    | M56                   | 9840                                    |
| 27/28 | M48                    | 8640                                    | M56                   | 9840                                    |
| 29/30 | M48                    | 8640                                    | M64                   | 14300                                   |
| 31/32 | M56                    | 13850                                   | M64                   | 14300                                   |
| 33/34 | M56                    | 13850                                   | M64                   | 14300                                   |

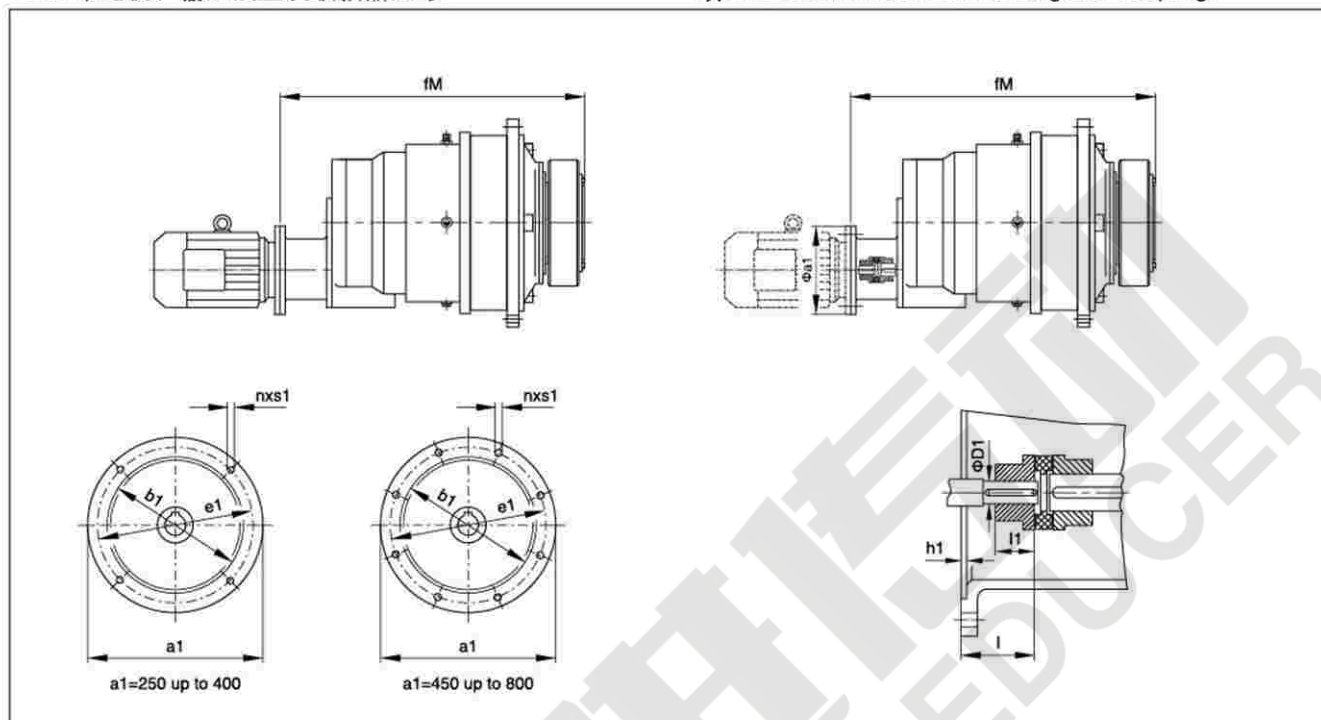
P系列行星齿轮减速机 P PLANETARY GEAR UNITS

P系列减速机带电机法兰输入:

Planetary gear units with motor flange and coupling:

P2S. 带电机、输入法兰及联轴器尺寸:

Type P2S. With Motor Bell Housing and Coupling:



| P2S.  | 电机<br>Motor<br>(Y)* | 法兰<br>Flange<br>(F)** | a1  | b1(h7) | D1 | e1  | fM   | h1 | l1  | l   | n | s1  |
|-------|---------------------|-----------------------|-----|--------|----|-----|------|----|-----|-----|---|-----|
| 9     | 160                 |                       | 350 | 250    | 42 | 300 | 832  | 6  | 75  | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250    | 48 | 300 | 832  | 6  | 75  | 110 | 4 | M16 |
| 10    | 160                 |                       | 350 | 250    | 42 | 300 | 861  | 6  | 75  | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250    | 48 | 300 | 861  | 6  | 75  | 110 | 4 | M16 |
| 11    | 160                 |                       | 350 | 250    | 42 | 300 | 1010 | 6  | 75  | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250    | 48 | 300 | 1010 | 6  | 75  | 110 | 4 | M16 |
|       | 200                 |                       | 400 | 300    | 55 | 350 | 1010 | 7  | 75  | 110 | 4 | M16 |
| 12    | 160                 |                       | 350 | 250    | 42 | 300 | 1044 | 6  | 75  | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250    | 48 | 300 | 1044 | 6  | 75  | 110 | 4 | M16 |
|       | 200                 |                       | 400 | 300    | 55 | 350 | 1044 | 7  | 75  | 110 | 4 | M16 |
| 13    | 225                 |                       | 450 | 350    | 60 | 400 | 1247 | 7  | 90  | 140 | 8 | M16 |
|       | 250                 |                       | 550 | 450    | 65 | 500 | 1247 | 8  | 90  | 140 | 8 | M16 |
| 14    | 225                 |                       | 450 | 350    | 60 | 400 | 1307 | 7  | 90  | 140 | 8 | M16 |
|       | 250                 |                       | 550 | 450    | 65 | 500 | 1307 | 8  | 90  | 140 | 8 | M16 |
| 16    | 250                 |                       | 550 | 450    | 65 | 500 | 1452 | 7  | 100 | 140 | 8 | M16 |
|       | 280                 |                       | 550 | 450    | 75 | 500 | 1452 | 8  | 100 | 140 | 8 | M16 |
| 17    | 250                 |                       | 550 | 450    | 65 | 500 | 1487 | 7  | 100 | 140 | 8 | M16 |
|       | 280                 |                       | 550 | 450    | 75 | 500 | 1487 | 8  | 100 | 140 | 8 | M16 |
| 18    | 315                 |                       | 660 | 550    | 80 | 600 | 1680 | 11 | 110 | 140 | 8 | M20 |
| 19,20 | 315                 |                       | 660 | 550    | 80 | 600 | 1728 | 11 | 110 | 140 | 8 | M20 |

注: (1) "\*" 所选直联电机机座号所对应的功率应满足传动能力表;  
 "\*\*" 表格中所指的法兰为标准型号的法兰, 如有异同请另咨询。  
 (2) 侧面扭力臂组合, 请咨询。

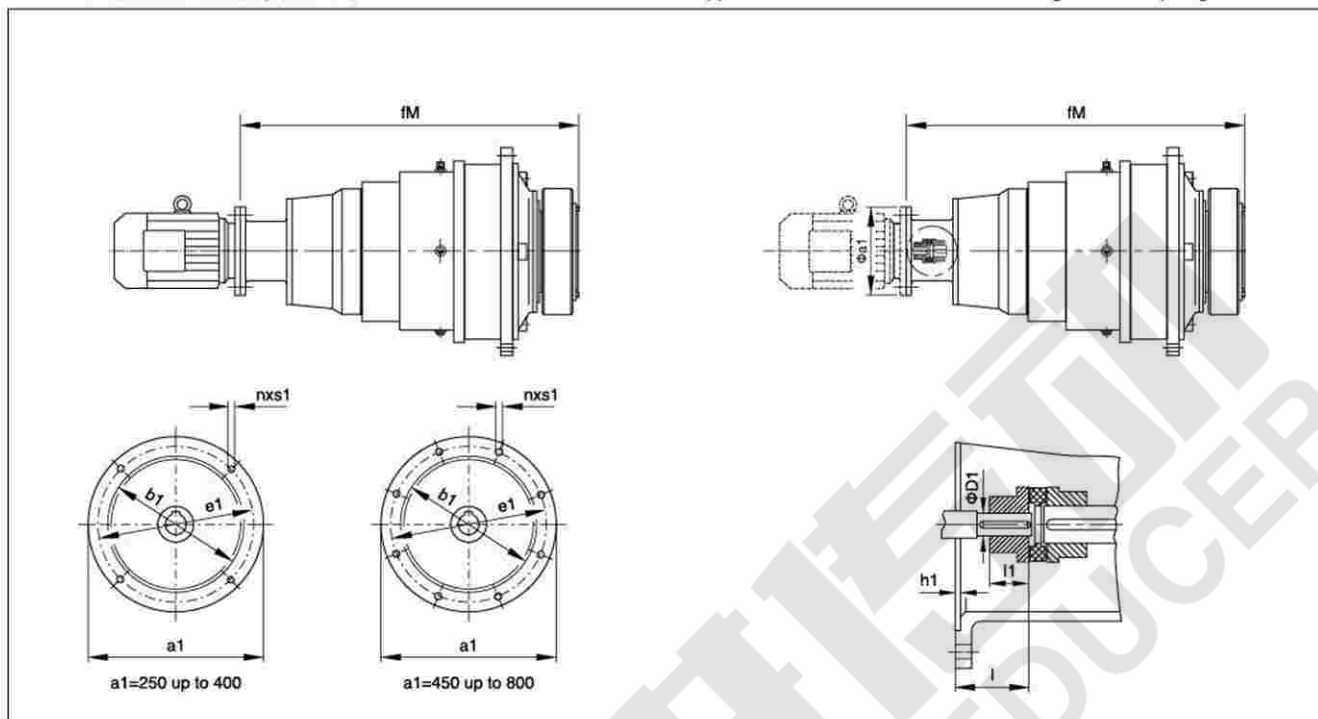
Note: (1) "\*" Power of selected motor must meet transmission table.  
 "\*\*" Indicate standard flange, if special dimension is needed, please consult us.  
 (2) For combinations with torque arm on one side, please refer to us.



P系列行星齿轮减速机 P PLANETARY GEAR UNITS

P3N. 带电机法兰及联轴器尺寸:

Type P3N. With Motor Bell Housing and Coupling:



| P3N.  | 电机<br>Motor<br>(Y)* | 法兰<br>Flange<br>(F)** | a1  | b1(h7) | D1 | e1  | fM     | h1 | l1  | l   | n | s1  |
|-------|---------------------|-----------------------|-----|--------|----|-----|--------|----|-----|-----|---|-----|
| 9     | 132                 |                       | 300 | 230    | 38 | 265 | 912    | 5  | 56  | 80  | 4 | M12 |
|       | 160                 |                       | 350 | 250    | 42 | 300 | 960    | 6  | 80  | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250    | 48 | 300 | 960    | 6  | 80  | 110 | 4 | M16 |
| 10    | 132                 |                       | 300 | 230    | 38 | 265 | 941    | 5  | 56  | 80  | 4 | M12 |
|       | 160                 |                       | 350 | 250    | 42 | 300 | 989    | 6  | 80  | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250    | 48 | 300 | 989    | 6  | 80  | 110 | 4 | M16 |
| 11    | 132                 |                       | 300 | 230    | 38 | 265 | 1002   | 5  | 56  | 80  | 4 | M12 |
|       | 160                 |                       | 350 | 250    | 42 | 300 | 1050   | 6  | 80  | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250    | 48 | 300 | 1050   | 6  | 80  | 110 | 4 | M16 |
| 12    | 132                 |                       | 300 | 230    | 38 | 265 | 1036   | 5  | 56  | 80  | 4 | M12 |
|       | 160                 |                       | 350 | 250    | 42 | 300 | 1084   | 6  | 80  | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250    | 48 | 300 | 1084   | 6  | 80  | 110 | 4 | M16 |
| 13    | 160                 |                       | 350 | 250    | 42 | 300 | 1159   | 6  | 80  | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250    | 48 | 300 | 1159   | 6  | 80  | 110 | 4 | M16 |
|       | 200                 |                       | 400 | 300    | 55 | 350 | 1159   | 7  | 80  | 110 | 4 | M16 |
| 14    | 160                 |                       | 350 | 250    | 42 | 300 | 1219   | 6  | 80  | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250    | 48 | 300 | 1219   | 6  | 80  | 110 | 4 | M16 |
|       | 200                 |                       | 400 | 300    | 55 | 350 | 1219   | 7  | 80  | 110 | 4 | M16 |
| 16    | 200                 |                       | 400 | 300    | 55 | 350 | 1400   | 7  | 90  | 110 | 4 | M16 |
|       | 225                 |                       | 450 | 350    | 60 | 400 | 1430   | 7  | 90  | 140 | 8 | M16 |
| 17    | 200                 |                       | 400 | 300    | 55 | 350 | 1435   | 7  | 90  | 110 | 4 | M16 |
|       | 225                 |                       | 450 | 350    | 60 | 400 | 1465   | 7  | 90  | 140 | 8 | M16 |
| 18    | 250                 |                       | 550 | 450    | 65 | 500 | 1636.5 | 7  | 100 | 140 | 8 | M16 |
|       | 280                 |                       | 550 | 450    | 75 | 500 | 1636.5 | 8  | 100 | 140 | 8 | M16 |
| 19,20 | 250                 |                       | 550 | 450    | 65 | 500 | 1685   | 7  | 100 | 140 | 8 | M16 |
|       | 280                 |                       | 550 | 450    | 75 | 500 | 1685   | 8  | 100 | 140 | 8 | M16 |

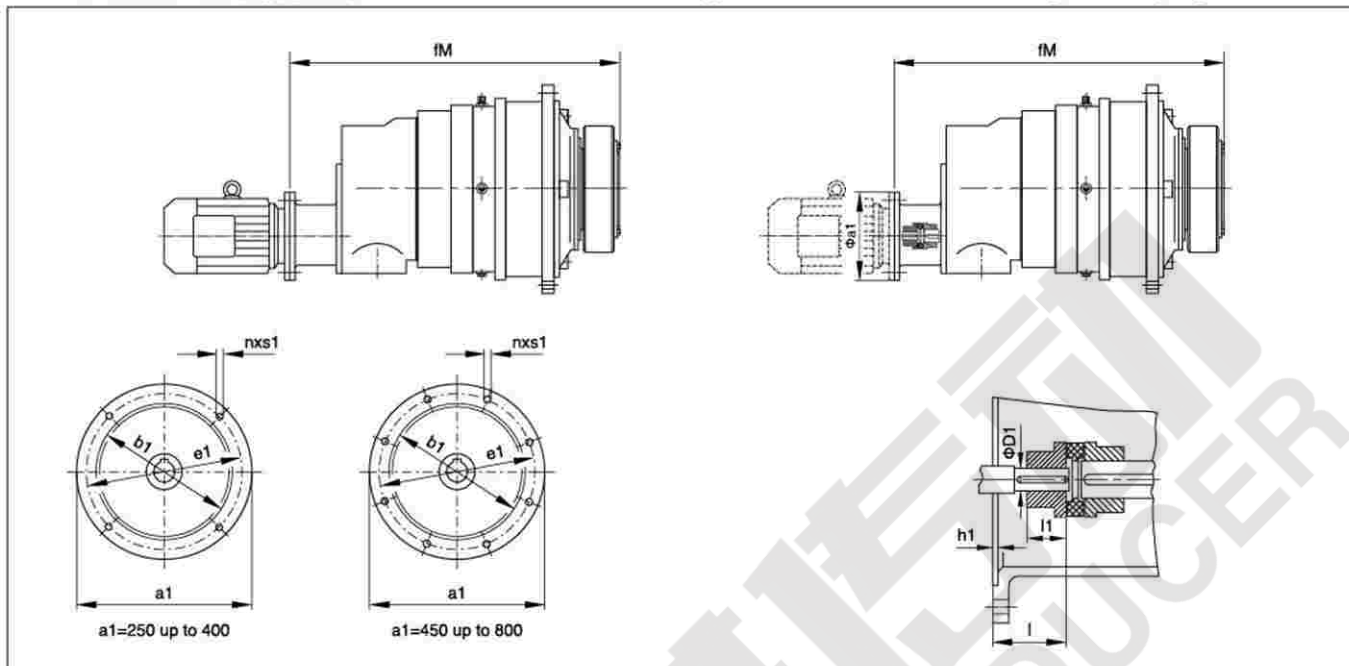
注: (1) "\*" 所选直联电机机座号所对应的功率应满足传动能力表;  
 "\*\*" 表格中所示的法兰为标准型号的法兰, 如有异同请另咨询。  
 (2) 侧面扭力臂组合, 请咨询。

Note: (1) "\*" Power of selected motor must meet transmission table.  
 "\*\*" Indicate standard flange, if special dimension is needed,  
 please consult us.  
 (2) For combinations with torque arm on one side, please refer to us.

P系列行星齿轮减速机 P PLANETARY GEAR UNITS

P3S. 带电机法兰及联轴器尺寸:

Type P3S. With Motor Bell Housing and Coupling:



| P3S.  | 电机<br>Motor<br>(Y)* | 法兰<br>Flange<br>(F)** | a1  | b1  | D1 | e1  | fM     | h1 | l1 | l   | n | s1  |
|-------|---------------------|-----------------------|-----|-----|----|-----|--------|----|----|-----|---|-----|
| 9     | 100                 |                       | 250 | 180 | 28 | 215 | 865    | 5  | 45 | 60  | 4 | M12 |
|       | 112                 |                       | 250 | 180 | 28 | 215 | 865    | 5  | 45 | 60  | 4 | M12 |
|       | 132                 |                       | 300 | 230 | 38 | 265 | 896    | 5  | 70 | 80  | 4 | M12 |
|       | 160                 |                       | 350 | 250 | 42 | 300 | 931    | 6  | 75 | 110 | 4 | M16 |
| 10    | 100                 |                       | 250 | 180 | 28 | 215 | 894    | 5  | 45 | 60  | 4 | M12 |
|       | 112                 |                       | 250 | 180 | 28 | 215 | 894    | 5  | 45 | 60  | 4 | M12 |
|       | 132                 |                       | 300 | 230 | 38 | 265 | 925    | 5  | 70 | 80  | 4 | M12 |
|       | 160                 |                       | 350 | 250 | 42 | 300 | 957    | 6  | 75 | 110 | 4 | M16 |
| 11    | 112                 |                       | 250 | 180 | 28 | 215 | 955    | 5  | 45 | 60  | 4 | M12 |
|       | 132                 |                       | 300 | 230 | 38 | 265 | 986    | 5  | 70 | 80  | 4 | M12 |
|       | 160                 |                       | 350 | 250 | 42 | 300 | 1018   | 6  | 75 | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250 | 48 | 300 | 1018   | 6  | 75 | 110 | 4 | M16 |
| 12    | 112                 |                       | 250 | 180 | 28 | 215 | 989    | 5  | 45 | 60  | 4 | M12 |
|       | 132                 |                       | 300 | 230 | 38 | 265 | 1020   | 5  | 70 | 80  | 4 | M12 |
|       | 160                 |                       | 350 | 250 | 42 | 300 | 1052   | 6  | 75 | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250 | 48 | 300 | 1052   | 6  | 75 | 110 | 4 | M16 |
| 13    | 132                 |                       | 300 | 230 | 38 | 265 | 1095   | 5  | 70 | 80  | 4 | M12 |
|       | 160                 |                       | 350 | 250 | 42 | 300 | 1127   | 6  | 75 | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250 | 48 | 300 | 1127   | 6  | 75 | 110 | 4 | M16 |
|       | 132                 |                       | 300 | 230 | 38 | 265 | 1155   | 5  | 70 | 80  | 4 | M12 |
| 14    | 160                 |                       | 350 | 250 | 42 | 300 | 1187   | 6  | 75 | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250 | 48 | 300 | 1187   | 6  | 75 | 110 | 4 | M16 |
|       | 160                 |                       | 350 | 250 | 42 | 300 | 1365   | 6  | 75 | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250 | 48 | 300 | 1365   | 6  | 75 | 110 | 4 | M16 |
| 16    | 200                 |                       | 400 | 300 | 55 | 350 | 1365   | 7  | 75 | 110 | 4 | M16 |
|       | 160                 |                       | 350 | 250 | 42 | 300 | 1390   | 6  | 75 | 110 | 4 | M16 |
|       | 180                 |                       | 350 | 250 | 48 | 300 | 1390   | 6  | 75 | 110 | 4 | M16 |
|       | 200                 |                       | 400 | 300 | 55 | 350 | 1400   | 7  | 75 | 110 | 4 | M16 |
| 17    | 180                 |                       | 350 | 250 | 48 | 300 | 1558.5 | 6  | 90 | 110 | 4 | M16 |
|       | 200                 |                       | 400 | 300 | 55 | 350 | 1570.5 | 6  | 90 | 110 | 4 | M16 |
|       | 225                 |                       | 450 | 350 | 60 | 400 | 1608.5 | 7  | 90 | 110 | 8 | M16 |
|       | 250                 |                       | 550 | 450 | 65 | 500 | 1608.5 | 7  | 90 | 110 | 8 | M16 |
| 18    | 180                 |                       | 350 | 250 | 48 | 300 | 1606   | 6  | 90 | 110 | 4 | M16 |
|       | 200                 |                       | 400 | 300 | 55 | 350 | 1618   | 6  | 90 | 110 | 4 | M16 |
|       | 225                 |                       | 450 | 350 | 60 | 400 | 1656   | 7  | 90 | 110 | 8 | M16 |
|       | 250                 |                       | 550 | 450 | 65 | 500 | 1656   | 7  | 90 | 110 | 8 | M16 |
| 19,20 | 180                 |                       | 350 | 250 | 48 | 300 | 1606   | 6  | 90 | 110 | 4 | M16 |
|       | 200                 |                       | 400 | 300 | 55 | 350 | 1618   | 6  | 90 | 110 | 4 | M16 |
|       | 225                 |                       | 450 | 350 | 60 | 400 | 1656   | 7  | 90 | 110 | 8 | M16 |
|       | 250                 |                       | 550 | 450 | 65 | 500 | 1656   | 7  | 90 | 110 | 8 | M16 |

注: (1) "\*" 所选直联电机机座号所对应的功率应满足传动能力表;  
 "\*\*" 表格中所示的法兰为标准型号的法兰, 如有异同请另咨询。  
 (2) 侧面扭力臂组合, 请咨询。

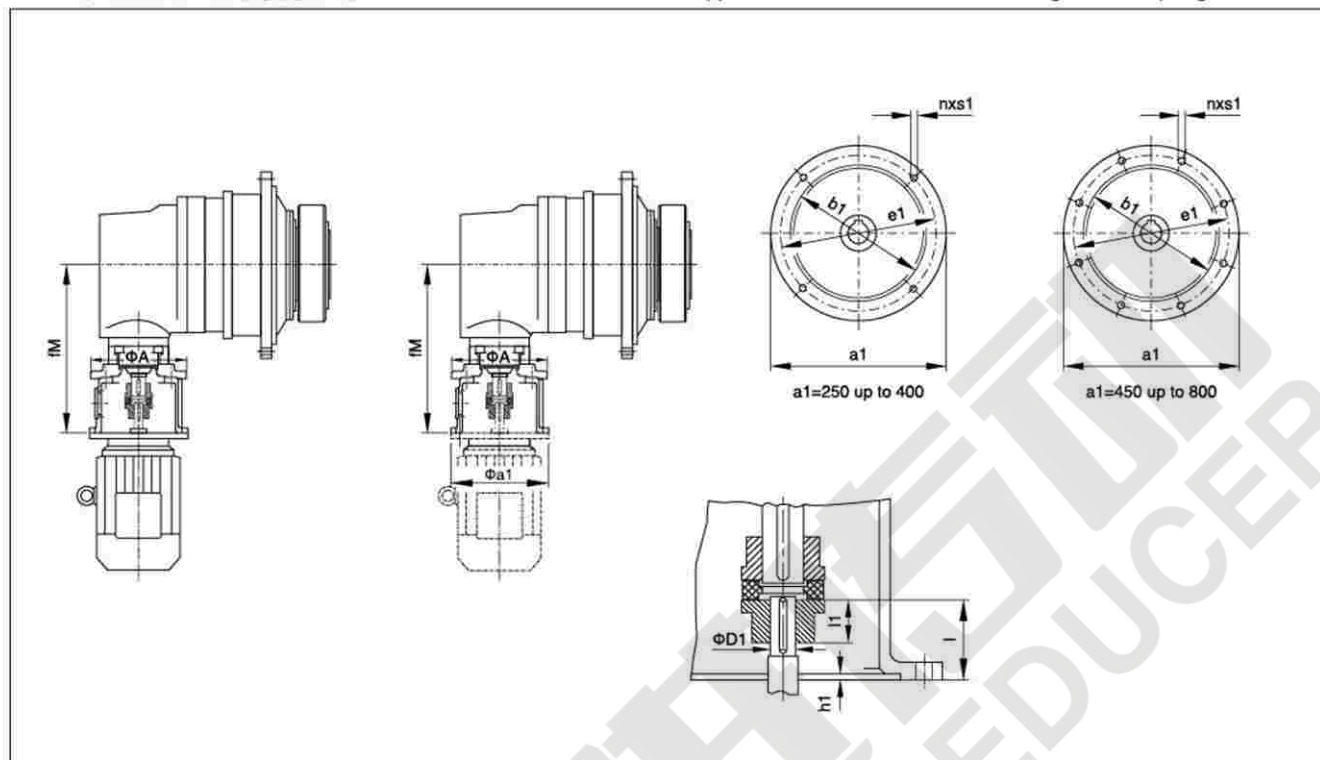
Note: (1) "\*" Power of selected motor must meet transmission table.  
 "\*\*" Indicate standard flange, if special dimension is needed, please consult us.  
 (2) For combinations with torque arm on one side, please refer to us.



P系列行星齿轮减速机 P PLANETARY GEAR UNITS

P2K. 带电机法兰及联轴器尺寸:

Type P2K. With Motor Bell Housing and Coupling:



| P2K.     | 电机<br>Motor<br>(Y)* | 法兰<br>Flange<br>(F)** | a1  | A   | b1  | D1 | e1  | IM  | h1 | l   | l1  | n | s1  |
|----------|---------------------|-----------------------|-----|-----|-----|----|-----|-----|----|-----|-----|---|-----|
| 9,10     | 132                 |                       | 300 | 250 | 230 | 38 | 265 | 486 | 5  | 80  | 70  | 4 | M12 |
|          | 160                 |                       | 350 | 250 | 250 | 42 | 300 | 528 | 6  | 110 | 75  | 4 | M16 |
| 11,12    | 160                 |                       | 350 | 300 | 250 | 42 | 300 | 593 | 6  | 110 | 75  | 4 | M16 |
|          | 180                 |                       | 350 | 350 | 250 | 48 | 300 | 593 | 6  | 110 | 75  | 4 | M16 |
|          | 200                 |                       | 400 | 350 | 300 | 55 | 350 | 593 | 7  | 110 | 75  | 4 | M16 |
| 13,14    | 160                 |                       | 350 | 440 | 250 | 42 | 300 | 663 | 6  | 110 | 75  | 4 | M16 |
|          | 180                 |                       | 350 | 440 | 250 | 48 | 300 | 663 | 6  | 110 | 75  | 4 | M16 |
|          | 200                 |                       | 400 | 440 | 300 | 55 | 350 | 663 | 7  | 110 | 75  | 4 | M16 |
|          | 225                 |                       | 450 | 440 | 350 | 60 | 400 | 695 | 7  | 140 | 80  | 8 | M16 |
|          | 250                 |                       | 550 | 440 | 450 | 65 | 500 | 707 | 8  | 140 | 85  | 8 | M16 |
| 16,17    | 200                 |                       | 400 | 440 | 300 | 55 | 350 | 770 | 7  | 110 | 80  | 4 | M16 |
|          | 225                 |                       | 425 | 440 | 350 | 60 | 400 | 800 | 7  | 140 | 80  | 8 | M16 |
|          | 250                 |                       | 550 | 440 | 450 | 65 | 500 | 812 | 8  | 140 | 85  | 8 | M16 |
|          | 280                 |                       | 550 | 440 | 450 | 75 | 500 | 812 | 8  | 140 | 85  | 8 | M16 |
| 18,19,20 | 225                 |                       | 450 | 440 | 350 | 60 | 400 | 932 | 7  | 140 | 80  | 8 | M16 |
|          | 250                 |                       | 550 | 440 | 450 | 65 | 500 | 932 | 8  | 140 | 85  | 8 | M16 |
|          | 280                 |                       | 550 | 440 | 450 | 75 | 500 | 932 | 8  | 140 | 85  | 8 | M16 |
|          | 315*                |                       | 660 | 440 | 550 | 80 | 600 | 967 | 11 | 170 | 100 | 8 | M20 |

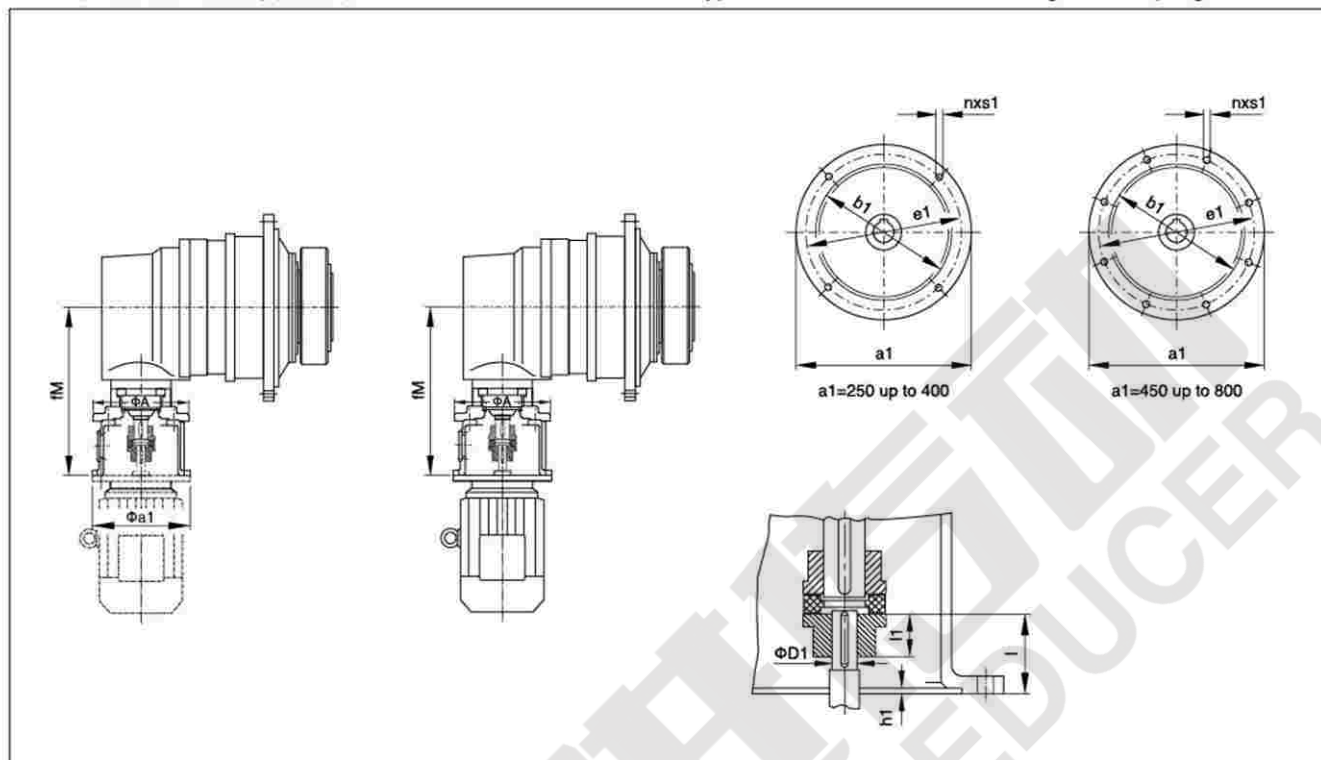
注: (1) "\*" 所选直联电机机座号所对应的功率应满足传动能力表;  
 "\*\*" 表格中所示的法兰为标准型号的法兰, 如有异同请另咨询。  
 (2) 侧面扭力臂组合, 请咨询。

Note: (1) "\*" Power of selected motor must meet transmission table.  
 "\*\*" Indicate standard flange, if special dimension is needed, please consult us.  
 (2) For combinations with torque arm on one side, please refer to us.

P系列行星齿轮减速机 P PLANETARY GEAR UNITS

P2L. 带电机法兰及联轴器尺寸:

Type P2L. With Motor Bell Housing and Coupling:



| P2L.        | 电机<br>Motor<br>(Y)* | 法兰<br>Flange<br>(F)** | a1  | A   | b1  | D1 | e1  | fM   | h1 | l   | l1  | n | s1  |
|-------------|---------------------|-----------------------|-----|-----|-----|----|-----|------|----|-----|-----|---|-----|
| 9,10        | 160                 |                       | 350 | 440 | 250 | 42 | 300 | 543  | 6  | 110 | 75  | 4 | M16 |
|             | 180                 |                       | 350 | 440 | 250 | 48 | 300 | 543  | 6  | 110 | 75  | 4 | M16 |
|             | 200                 |                       | 400 | 440 | 300 | 55 | 350 | 543  | 7  | 110 | 75  | 4 | M16 |
|             | 225                 |                       | 450 | 440 | 350 | 60 | 400 | 575  | 7  | 140 | 80  | 8 | M16 |
| 11,12       | 200                 |                       | 400 | 440 | 300 | 55 | 350 | 600  | 7  | 110 | 75  | 4 | M16 |
|             | 225                 |                       | 450 | 440 | 350 | 60 | 400 | 630  | 7  | 140 | 80  | 8 | M16 |
|             | 250                 |                       | 550 | 440 | 450 | 65 | 500 | 642  | 8  | 140 | 85  | 8 | M16 |
| 13,14       | 225                 |                       | 450 | 440 | 350 | 60 | 400 | 732  | 7  | 140 | 85  | 8 | M16 |
|             | 250                 |                       | 550 | 440 | 450 | 65 | 500 | 732  | 8  | 140 | 85  | 8 | M16 |
|             | 280                 |                       | 550 | 440 | 450 | 75 | 500 | 732  | 8  | 140 | 85  | 8 | M16 |
| 16,17       | 280                 |                       | 550 | 600 | 450 | 75 | 500 | 842  | 8  | 140 | 100 | 8 | M16 |
|             | 315*                |                       | 660 | 650 | 550 | 80 | 600 | 872  | 11 | 170 | 100 | 8 | M20 |
|             | 315MC               |                       | 660 | 650 | 550 | 80 | 600 | 872  | 11 | 170 | 100 | 8 | M20 |
|             | 315MD               |                       | 660 | 650 | 550 | 80 | 600 | 872  | 11 | 170 | 100 | 8 | M20 |
|             | 315LB               |                       | 660 | 650 | 550 | 80 | 600 | 987  | 11 | 170 | 100 | 8 | M20 |
| 18,19,20    | 315*                |                       | 660 | 650 | 550 | 80 | 600 | 987  | 11 | 170 | 100 | 8 | M20 |
|             | 315MC               |                       | 660 | 650 | 550 | 80 | 600 | 987  | 11 | 170 | 100 | 8 | M20 |
|             | 315MD               |                       | 660 | 650 | 550 | 80 | 600 | 987  | 11 | 170 | 100 | 8 | M20 |
|             | 315LB               |                       | 660 | 650 | 550 | 80 | 600 | 1122 | 11 | 170 | 100 | 8 | M20 |
| 21,22,23,24 | 315MC               |                       | 660 | 650 | 550 | 80 | 600 | 1122 | 11 | 170 | 125 | 8 | M20 |
|             | 315MD               |                       | 660 | 650 | 550 | 80 | 600 | 1122 | 11 | 170 | 125 | 8 | M20 |
|             | 315LB               |                       | 660 | 650 | 550 | 80 | 600 | 1122 | 11 | 170 | 125 | 8 | M20 |
|             | 355MB               |                       | 800 | 650 | 680 | 95 | 740 | 1122 | 11 | 170 | 125 | 8 | M20 |
|             | 355LB               |                       | 800 | 650 | 680 | 95 | 740 | 1122 | 11 | 170 | 125 | 8 | M20 |

注: (1) "\*" 所选直联电机机座号所对应的功率应满足传动能力表;  
 "\*\*" 表格中所指的法兰为标准型号的法兰, 如有异同请另咨询。  
 (2) 侧面扭力臂组合, 请咨询。

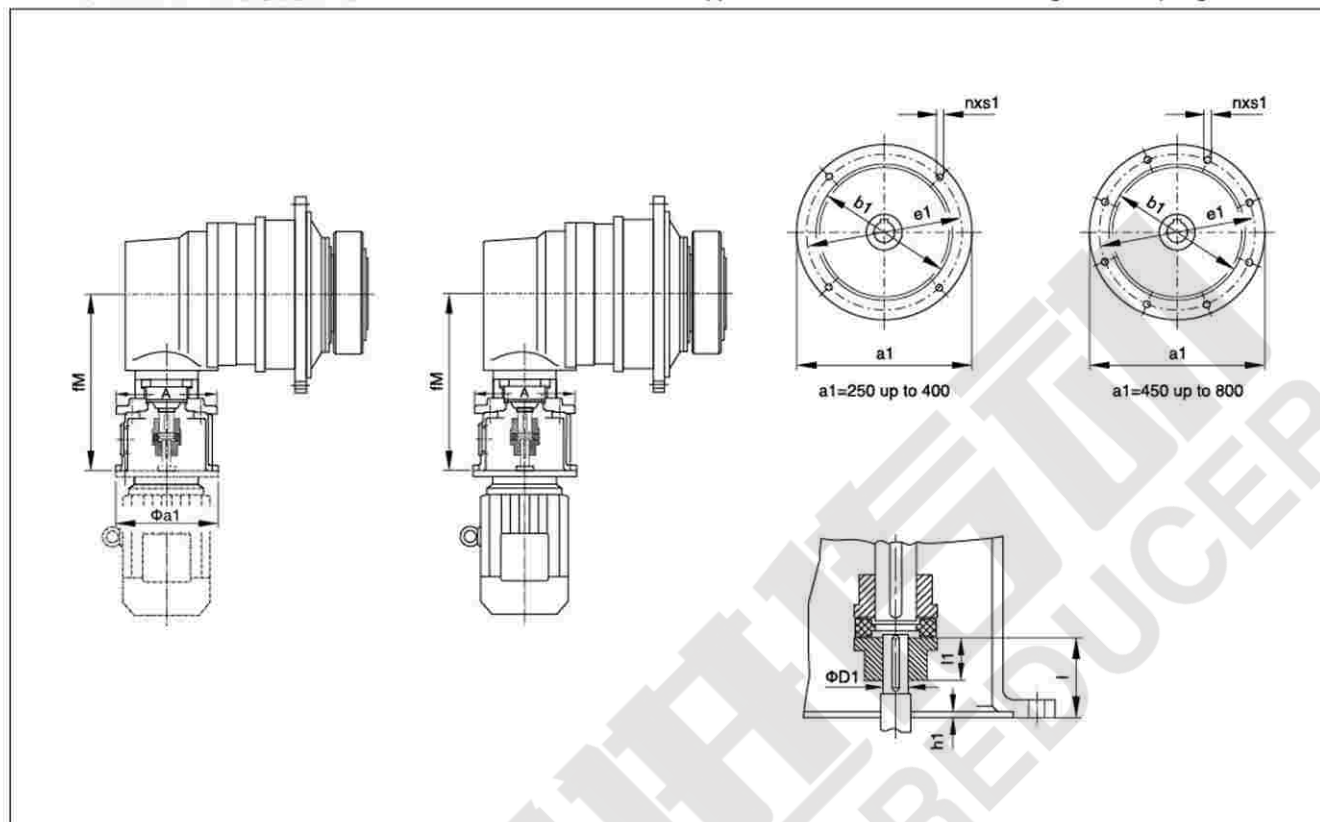
Note: (1) "\*" Power of selected motor must meet transmission table.  
 "\*\*" Indicate standard flange, if special dimension is needed, please consult us.  
 (2) For combinations with torque arm on one side, please refer to us.



P系列行星齿轮减速机 P PLANETARY GEAR UNITS

P3K. 带电机法兰及联轴器尺寸:

Type P3K. With Motor Bell Housing and Coupling:



| P3K.                | 电机<br>Motor<br>(Y)* | 法兰<br>Flange<br>(F)** | a1  | A   | b1  | D1 | e1  | fM  | h1 | l   | l1  | n | s1  |
|---------------------|---------------------|-----------------------|-----|-----|-----|----|-----|-----|----|-----|-----|---|-----|
| 9,10,11<br>12,13,14 | 132                 |                       | 300 | 250 | 230 | 38 | 265 | 486 | 5  | 80  | 70  | 4 | M12 |
|                     | 160                 |                       | 350 | 250 | 250 | 42 | 300 | 528 | 6  | 110 | 75  | 4 | M16 |
|                     | 180                 |                       | 350 | 250 | 250 | 48 | 300 | 528 | 6  | 110 | 75  | 4 | M16 |
| 16,17               | 160                 |                       | 350 | 350 | 250 | 42 | 300 | 593 | 6  | 110 | 75  | 4 | M16 |
|                     | 180                 |                       | 350 | 350 | 250 | 40 | 300 | 593 | 6  | 110 | 75  | 4 | M16 |
|                     | 200                 |                       | 400 | 350 | 300 | 55 | 350 | 593 | 7  | 110 | 75  | 4 | M16 |
| 18,19,20<br>21,22   | 160                 |                       | 350 | 440 | 250 | 42 | 300 | 663 | 6  | 110 | 75  | 4 | M16 |
|                     | 180                 |                       | 350 | 440 | 250 | 48 | 300 | 663 | 6  | 110 | 75  | 4 | M16 |
|                     | 200                 |                       | 400 | 440 | 300 | 35 | 350 | 663 | 7  | 110 | 75  | 4 | M16 |
|                     | 225                 |                       | 450 | 440 | 350 | 60 | 400 | 695 | 7  | 140 | 80  | 8 | M16 |
|                     | 250                 |                       | 550 | 440 | 450 | 65 | 500 | 707 | 8  | 140 | 85  | 8 | M16 |
| 23,24<br>25,26      | 200                 |                       | 400 | 440 | 300 | 55 | 350 | 770 | 6  | 110 | 80  | 4 | M16 |
|                     | 225                 |                       | 450 | 440 | 350 | 60 | 400 | 800 | 7  | 140 | 80  | 8 | M16 |
|                     | 250                 |                       | 550 | 440 | 450 | 62 | 500 | 812 | 7  | 140 | 85  | 8 | M16 |
|                     | 280                 |                       | 550 | 440 | 450 | 75 | 500 | 812 | 8  | 140 | 85  | 8 | M16 |
| 27,28<br>29,30      | 225                 |                       | 450 | 440 | 350 | 60 | 400 | 932 | 7  | 140 | 85  | 8 | M16 |
|                     | 250                 |                       | 550 | 440 | 450 | 65 | 500 | 932 | 7  | 140 | 85  | 8 | M16 |
|                     | 280                 |                       | 550 | 440 | 450 | 75 | 500 | 932 | 8  | 140 | 85  | 8 | M16 |
|                     | 315*                |                       | 660 | 440 | 550 | 80 | 600 | 967 | 11 | 170 | 100 | 8 | M20 |

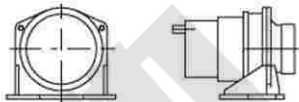
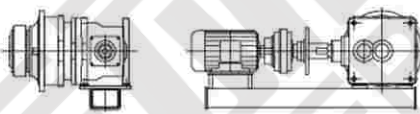
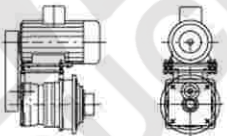
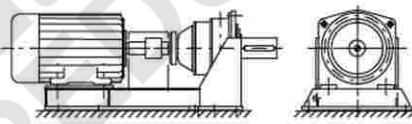
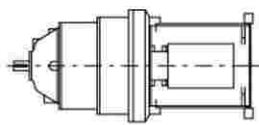
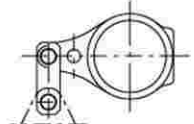
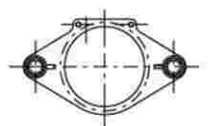
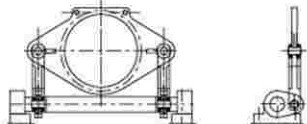
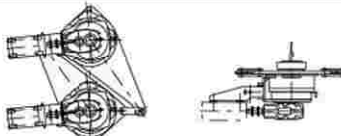
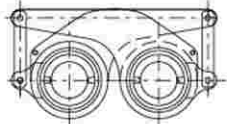
注: (1) "\*" 所选直联电机机座号所对应的功率应满足传动能力表;  
 "\*\*" 表格中所示的法兰为标准型号的法兰, 如有异同请另咨询。  
 (2) 侧面扭力臂组合, 请咨询。

Note: (1) "\*" Power of selected motor must meet transmission table.  
 "\*\*" Indicate standard flange, if special dimension is needed, please consult us.  
 (2) For combinations with torque arm on one side, please refer to us.

P系列行星齿轮减速机 P PLANETARY GEAR UNITS

附件代号:

Symbol of Add-on Pieces:

| 代 号<br>Symbol | 附 件<br>Add-on piece  | 示 例<br>Representation   |
|---------------|--|---|
| 99            | 不带附件<br>Without add-on piece                                       |   |
| 96            | 带机座<br>Gear housing base   |    |
| 71            | 电机机架 (电机、联轴器)<br>Motor bracket (motor,coupling)                    |    |
| 72            | 电机机架<br>Motor bracket  |    |
| 73            | 电机移动机座 (电机、联轴器、齿轮箱)<br>Motor swing-base (motor,coupling,gear unit) |   |
| 74*           | 钟型罩式法兰 (输出)<br>Bell housing (output)                               |  |
| 75            | 扭力臂 (单向)<br>Torque reaction arm (on one side)                      |  |
| 76            | 扭力臂 (双向)<br>Torque reaction arm (on both sides)                    |  |
| 77            | 扭转轴支架<br>Torsion shaft support                                     |  |
| 80            | 支架 I<br>Support I  |  |
| 81            | 支架 II<br>Support II  |  |
| 特殊设计按客户要求供货。  |  | Special design on request   |

\* 非刚性联接

\* Not for rigid couplings

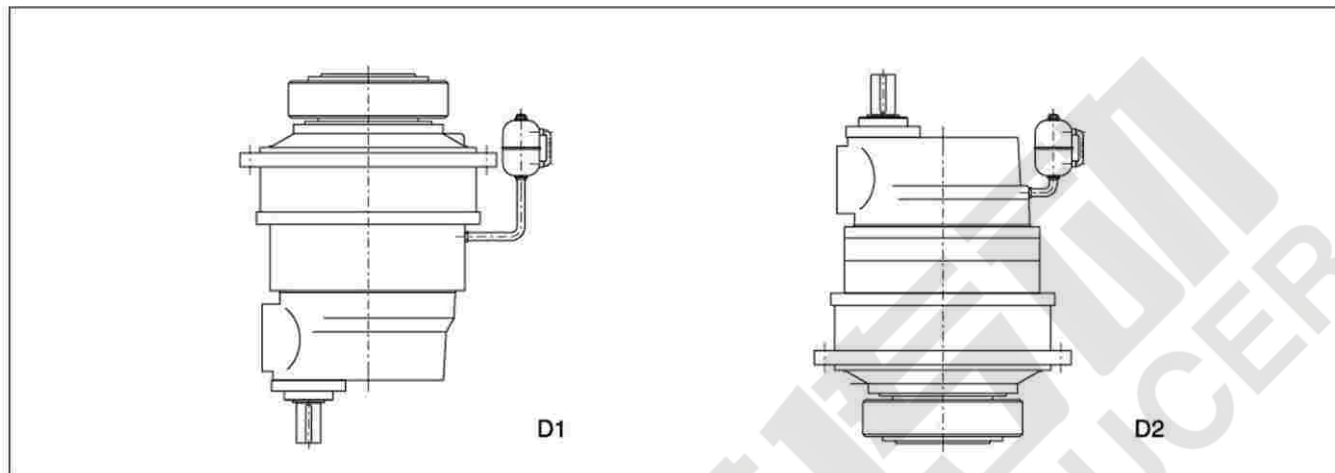


## P系列行星齿轮箱垂直安装时润滑油补偿油箱

## Planetary Gear Units Oil Compensating Tank for Vertical Mounting Position

安装方位为V1、V3、V11、V31时采用润滑油补偿油箱：

Oil supply by compensating tank for vertical mounting position V1,V3,V11and V31

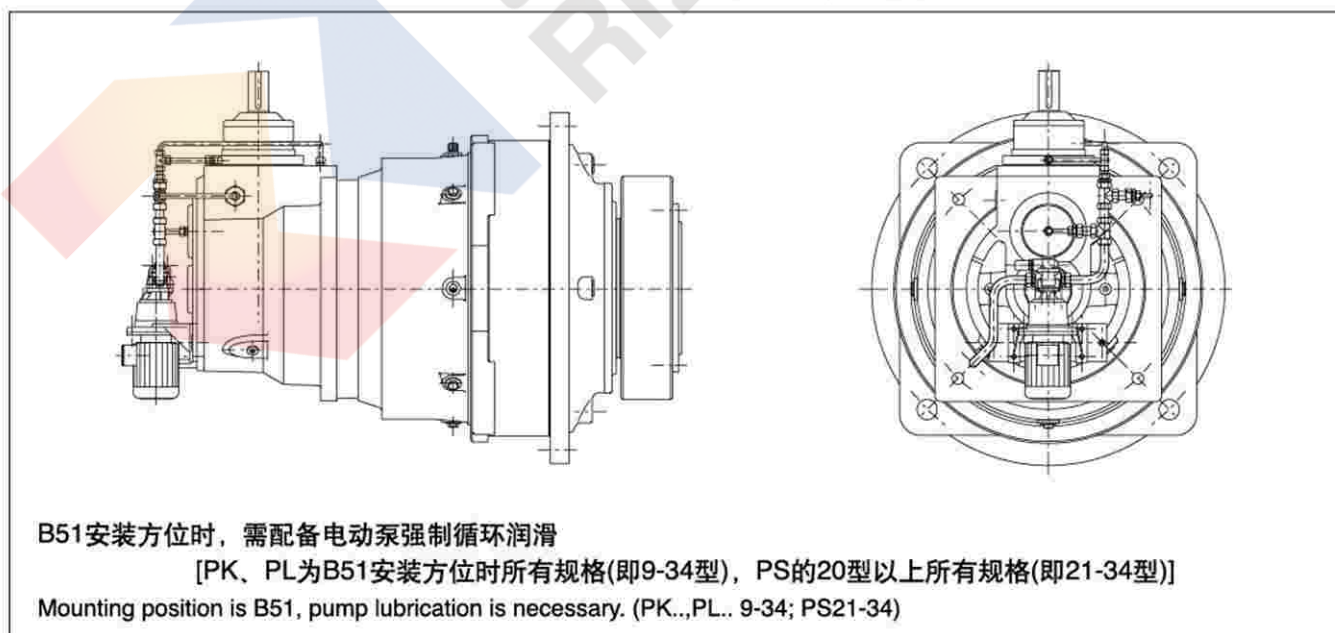


在垂直安装条件下，正常的润滑方式很难给予顶端轴承提供润滑油，为了确保润滑油的供应，齿轮箱内的油量必须加高，如上图（D1、D2）所示，通过补偿油箱加高油位，补偿油箱上装有通气帽通气。油箱可被安装在齿轮箱上，也可以安装在客户的机架上，实际尺寸和最终位置在订货时商定。

In case of vertical mounting, in order to guarantee the oil supply to upper bearing, allxilliary oil tank (as D1, D2) should be installed to make oil level higher. It can installed on either gear units or brackets,it is exact dimension will be determined when placingan order.

水平安装时，油泵供油如下：

Oil supply by motor pumps for horizontal mounting position and drive from above:



B51安装方位时，需配备电动泵强制循环润滑

[PK、PL为B51安装方位时所有规格(即9-34型)，PS的20型以上所有规格(即21-34型)]

Mounting position is B51, pump lubrication is necessary. (PK.,PL.. 9-34; PS21-34)

注：轴布置形式，请参阅P362。

Note: For shaft arrangement, see P362.

P系列行星齿轮减速机

P PLANETARY GEAR UNITS

安装方位

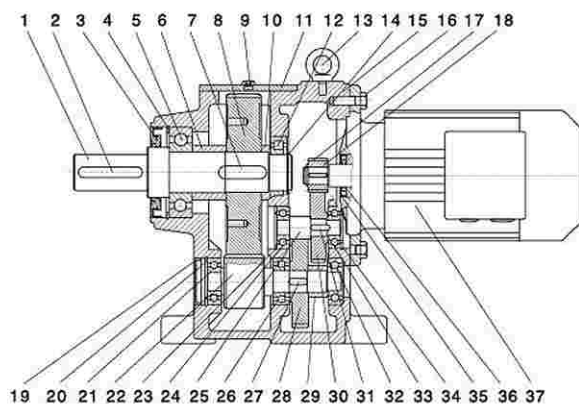
Identifications of shaft arrangements:

| 水平安装<br>Horizontal gear unit position                           |   |      |  | 垂直安装<br>Vertical gear unit position  |  |
|---|---|------|--|--|--|
| Coaxial planetary gear units<br>同轴式齿轮箱                          | 0 | P.N. |  |  |  |
|   |   |      |  |  |  |
| Combined helical gear planetary gear units<br>斜齿-行星齿轮箱          | 1 | P.S. |  |  |  |
|   |   |      |  |  |  |
|   |   |      |  |  |  |
|   |   |      |  |  |  |
| Combined bevel-helical gear planetary gear units<br>伞齿-斜齿-行星齿轮箱 | 2 | P.K. |  |  |  |
|   |   |      |  |  |  |
|   |   |      |  |  |  |
|   |   |      |  |  |  |
| Combined bevel-gear planetary gear units<br>伞齿-行星齿轮箱            | 3 | P.L. |  |  |  |
|   |   |      |  |  |  |
|   |   |      |  |  |  |
|   |   |      |  |  |  |
| Torque reaction arm<br>扭力臂安装                                    | 5 |      |  | *) 对于B51、V1、V3、V11、V31安装方位时，需考虑齿轮箱的润滑，请与我司联系。<br>*) Lubricant supply must be checked, please consult us. |  |
|   |   |      |  |  |  |
|   |   |      |  |  |  |
|   |   |      |  |  |  |
|   |   |      |  |  |  |
|   |   |      |  |  |  |



## 一. R 系列 結構圖

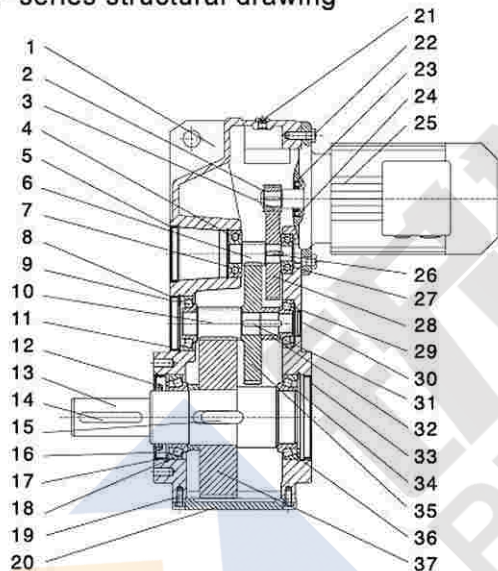
R series structural drawing



- |           |             |              |             |
|-----------|-------------|--------------|-------------|
| 1. 輸出軸    | 10. 軸套 II   | 19. 封蓋       | 28. 齒輪 II   |
| 2. 平鍵 I   | 11. 蓋       | 20. 孔用擋圈 II  | 29. 軸套 III  |
| 3. 輸出軸油封  | 12. 軸承 II   | 21. 軸承 III   | 30. 齒輪 I    |
| 4. 孔用擋圈 I | 13. 吊環      | 22. 齒輪軸 III  | 31. 平鍵 IV   |
| 5. 軸承 I   | 14. 軸用擋圈 I  | 23. 孔用擋圈 III | 32. 軸承 VI   |
| 6. 軸套 I   | 15. 箱體      | 24. 軸承 IV    | 33. 軸承 VII  |
| 7. 平鍵 II  | 16. 螺栓      | 25. 齒輪軸 II   | 34. 孔用擋圈 IV |
| 8. 齒輪 III | 17. 軸用擋圈 II | 26. 軸承 V     | 35. 電機油封    |
| 9. 通氣帽    | 18. 輸入齒輪    | 27. 平鍵 III   | 36. 電機軸承    |
|           |             |              | 37. 電機      |
- 
- |                      |                    |                      |
|----------------------|--------------------|----------------------|
| 1. Output shaft      | 13. Hoisting ring  | 25. Gear shaft II    |
| 2. Parallel key      | 14. Circlip II     | 26. Bearing V        |
| 3. Output shaft seal | 15. Housing        | 27. Parallel key III |
| 4. Circlip I         | 16. Bolts          | 28. Gear II          |
| 5. Bearing I         | 17. Circlip II     | 29. Bush III         |
| 6. Bush I            | 18. Input gear     | 30. Gear I           |
| 7. Parallel key II   | 19. Cover          | 31. Parallel key IV  |
| 8. Gear III          | 20. Circlip II     | 32. Bearing VI       |
| 9. Breather valve    | 21. Bearing III    | 33. Bearing VIII     |
| 10. Bush II          | 22. Gear shaft III | 34. Circlip IV       |
| 11. Cover            | 23. Circlip III    | 35. Motor seal       |
| 12. Bearing II       | 24. Bearing IV     | 36. Motor bearing    |
|                      |                    | 37. Motor            |

## 二. F 系列 結構圖

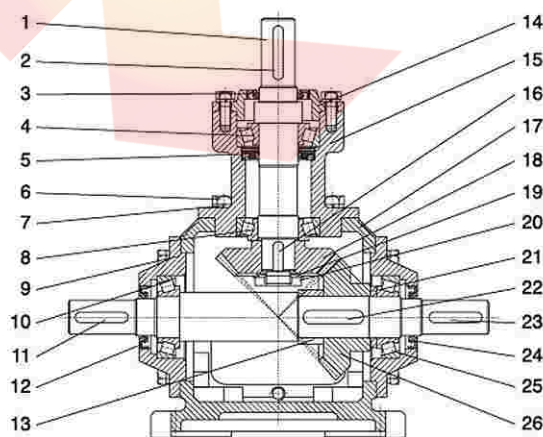
F series structural drawing



- |           |              |            |             |
|-----------|--------------|------------|-------------|
| 1. 箱體     | 10. 齒輪軸 III  | 19. 螺栓     | 28. 齒輪 I    |
| 2. 軸用擋圈 I | 11. 孔用擋圈 II  | 20. 蓋      | 29. 軸承 V    |
| 3. 輸入齒輪   | 12. 輸出軸油封    | 21. 通氣帽    | 30. 封蓋 III  |
| 4. 孔用擋圈 I | 13. 輸出軸      | 22. 螺栓     | 31. 平鍵 IV   |
| 5. 封蓋 I   | 14. 平鍵 I     | 23. 電機油封   | 32. 軸套 II   |
| 6. 齒輪軸 II | 15. 平鍵 II    | 24. 電機軸承   | 33. 封蓋 IV   |
| 7. 軸承 I   | 16. 軸承 III   | 25. 電機     | 34. 軸承 VI   |
| 8. 封蓋 II  | 17. 孔用擋圈 III | 26. 平鍵 III | 35. 齒輪 II   |
| 9. 軸承 II  | 18. 軸套 III   | 27. 軸承 IV  | 36. 孔用擋圈 IV |
|           |              |            | 37. 齒輪 III  |
- 
- |                       |                     |                      |
|-----------------------|---------------------|----------------------|
| 1. Housing            | 13. Output shaft    | 25. Motor            |
| 2. Circlip I          | 14. Parallel key I  | 26. Parallel key III |
| 3. Output gear        | 15. Parallel key II | 27. Bearing IV       |
| 4. Circlip I          | 16. Bearing III     | 28. Gear I           |
| 5. Cover              | 17. Circlip III     | 29. Bearing V        |
| 6. Gear shaft II      | 18. Bush III        | 30. Cover III        |
| 7. Bearing I          | 19. Bolts           | 31. Parallel key IV  |
| 8. Cover II           | 20. Cover           | 32. Bush II          |
| 9. Bearing II         | 21. Breather valve  | 33. Cover IV         |
| 10. Gear shaft III    | 22. Bolts           | 34. Bearing VI       |
| 11. Circlip II        | 23. Motor seal      | 35. Gear II          |
| 12. Output shaft seal | 24. Motor bearing   | 36. Circlip IV       |
|                       |                     | 37. Gear III         |

## 三. T 系列 結構圖

T series structural drawing

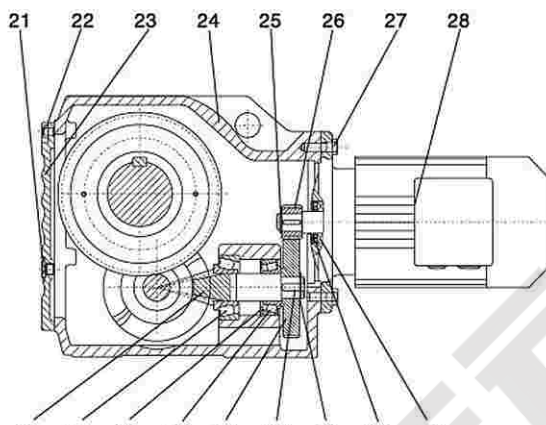
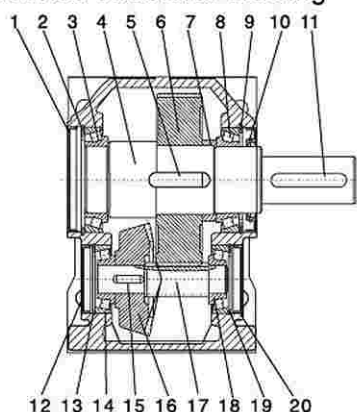


- |          |             |              |
|----------|-------------|--------------|
| 1. 輸入軸   | 10. 軸承 III  | 19. 止動墊圈     |
| 2. 平鍵 I  | 11. 平鍵 II   | 20. 圓螺母      |
| 3. 輸入軸油封 | 12. 輸出軸油封 I | 21. 調整墊 I    |
| 4. 軸承 I  | 13. 調整墊 II  | 22. 平鍵 IV    |
| 5. 輸入軸油封 | 14. 輸入法蘭蓋   | 23. 平鍵 V     |
| 6. 螺栓    | 15. 輸入法蘭    | 24. 輸出軸油封 II |
| 7. 彈簧墊圈  | 16. 平鍵 III  | 25. 軸承 IV    |
| 8. 軸承 II | 17. 箱體      | 26. 輸出弧齒錐齒輪  |
| 9. 輸出法蘭  | 18. 輸入弧齒錐齒輪 |              |
- 
- |                     |                               |                                |
|---------------------|-------------------------------|--------------------------------|
| 1. Input shaft      | 10. Bearing III               | 19. Washer                     |
| 2. Parallel key I   | 11. Parallel key II           | 20. Round screw nut            |
| 3. Input shaft seal | 12. Output shaft seal I       | 21. Ring I                     |
| 4. Bearing I        | 13. Ring II                   | 22. Parallel key IV            |
| 5. Input shaft seal | 14. Input flange cover        | 23. Parallel key V             |
| 6. Bolts            | 15. Input flange              | 24. Output shaft seal II       |
| 7. Washer           | 16. Parallel key III          | 25. Bearing IV                 |
| 8. Bearing II       | 17. Housing                   | 26. Output helical -bevel gear |
| 9. Output flange    | 18. Input helical -bevel gear |                                |



#### 四. K 系列結構圖

K series structural drawing



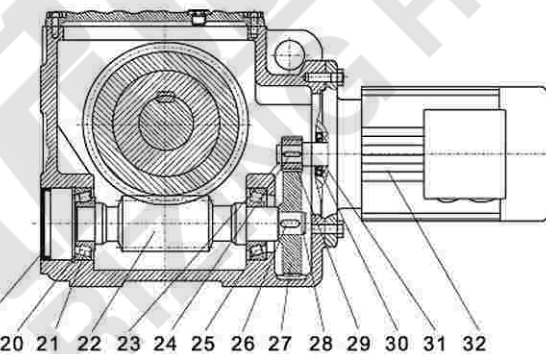
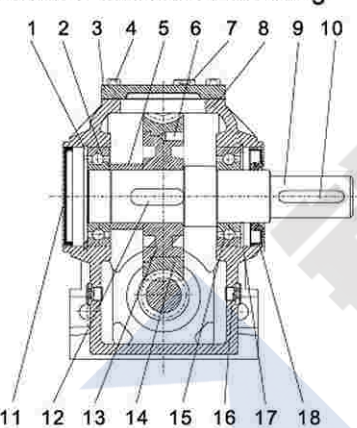
- |           |              |             |
|-----------|--------------|-------------|
| 1. 封蓋 I   | 8. 軸承 II     | 15. 平鍵 III  |
| 2. 孔用擋圈 I | 9. 孔用擋圈 II   | 16. 弧齒錐齒輪   |
| 3. 軸承 I   | 10. 輸出軸油封    | 17. 齒輪軸 III |
| 4. 輸出軸    | 11. 平鍵 II    | 18. 軸承 IV   |
| 5. 平鍵 I   | 12. 封蓋 II    | 19. 孔用擋圈 IV |
| 6. 齒輪 III | 13. 孔用擋圈 III | 20. 封蓋 III  |
| 7. 軸套 III | 14. 軸承 III   | 21. 通氣帽     |

- |            |             |           |
|------------|-------------|-----------|
| 22. 螺栓 I   | 29. 弧齒錐齒輪軸  | 1. 封蓋 I   |
| 23. 端蓋     | 30. 軸承 V    | 2. 孔用擋圈 I |
| 24. 箱體     | 31. 孔用擋圈 V  | 3. 軸承 I   |
| 25. 軸用擋圈 I | 32. 軸承 VI   | 4. 輸出軸    |
| 26. 輸入齒輪   | 33. 齒輪 I    | 5. 平鍵 I   |
| 27. 螺栓 II  | 34. 平鍵 IV   | 6. 齒輪 III |
| 28. 電機     | 35. 軸用擋圈 II | 7. 軸套 III |
|            | 36. 電機油封    | 8. 軸承 II  |
|            | 37. 電機軸承    |           |

- |                      |                        |                              |
|----------------------|------------------------|------------------------------|
| 9. Circlip II        | 10. Output shaft seal  | 11. Parallel key II          |
| 12. Cover II         | 13. Circlip III        | 14. Bearing III              |
| 15. Parallel key III | 16. Helical-bevel gear | 17. Gear shaft III           |
| 18. Bearing IV       | 19. Circlip IV         | 20. Cover III                |
| 21. Breather valve   | 22. Bolts II           | 23. Cover                    |
| 24. Housing          | 25. Circlip I          | 26. Input gear               |
| 27. Bolts II         | 28. Motor              | 29. Helical-bevel gear shaft |
| 30. Bearing V        | 31. Circlip V          | 32. Bearing VI               |
| 33. Gear I           | 34. Parallel key IV    | 35. Circlip II               |
| 36. Motor seal       | 37. Motor bearing      |                              |

#### 五. S 系列結構圖

S series structural drawing



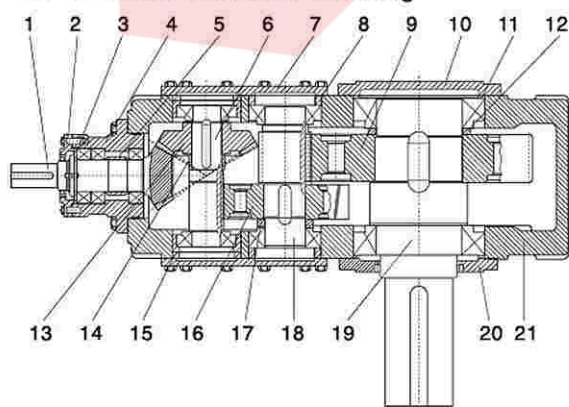
- |           |           |             |
|-----------|-----------|-------------|
| 1. 孔用擋圈 I | 7. 通氣帽    | 13. 蝸輪芯     |
| 2. 軸承 I   | 8. 箱體     | 14. 蝸輪輪緣    |
| 3. 蓋      | 9. 輸出軸    | 15. 軸承 II   |
| 4. 螺栓 II  | 10. 平鍵 I  | 16. 油鏡      |
| 5. 軸套 III | 11. 封蓋 I  | 17. 孔用擋圈 II |
| 6. 螺釘     | 12. 平鍵 II | 18. 輸出軸油封   |

- |              |             |                   |
|--------------|-------------|-------------------|
| 19. 封蓋 II    | 26. 平鍵 IV   | 1. Circlip I      |
| 20. 孔用擋圈 III | 27. 齒輪 I    | 2. Bearing I      |
| 21. 軸承 III   | 28. 軸用擋圈 II | 3. Cover          |
| 22. 蝸杆       | 29. 輸入齒輪    | 4. Bolts II       |
| 23. 軸用擋圈 I   | 30. 電機油封    | 5. Bush III       |
| 24. 平鍵 III   | 31. 電機軸承    | 6. Screws         |
| 25. 軸承 IV    | 32. 電機      | 7. Breather valve |
|              |             | 8. Housing        |

- |                       |                     |                     |
|-----------------------|---------------------|---------------------|
| 9. Output shaft       | 10. Parallel key I  | 11. Cover I         |
| 12. Parallel key II   | 13. Worm wheel core | 14. Worm wheel edge |
| 15. Bearing II        | 16. Oil sight glass | 17. Circlip II      |
| 18. Output shaft seal | 19. Cover II        | 20. Circlip III     |
| 21. Bearing III       | 22. Worm            | 23. Circlip I       |
| 24. Parallel key III  | 25. Bearing IV      | 26. Parallel key IV |
| 27. Gear I            | 28. Circlip II      | 29. Input gear      |
| 30. Motor seal        | 31. Motor bearing   | 32. Motor           |

#### 六. H、B 系列結構圖

H、B series structural drawing



- |           |            |             |
|-----------|------------|-------------|
| 1. 弧齒錐齒輪軸 | 8. 調整環 III | 15. 調整環 II  |
| 2. 通蓋 I   | 9. 齒輪 III  | 16. 齒輪 II   |
| 3. 調整環 I  | 10. 止蓋 II  | 17. 定距環 III |
| 4. 軸承座    | 11. 調整環 IV | 18. 齒輪軸 II  |
| 5. 定距環 I  | 12. 定距環 IV | 19. 輸出軸     |
| 6. 齒輪軸 I  | 13. 弧齒錐齒輪  | 20. 通蓋 II   |
| 7. 止蓋 I   | 14. 定距環 II | 21. 機體      |

- |                             |                        |                   |
|-----------------------------|------------------------|-------------------|
| 1. Helical-bevel gear shaft | 8. Ring III            | 15. Ring II       |
| 2. Cover I                  | 9. Gear III            | 16. Gear II       |
| 3. Ring I                   | 10. Cover II           | 17. Ring III      |
| 4. Bearing seat             | 11. Ring IV            | 18. Gear shaft II |
| 5. Ring I                   | 12. Ring IV            | 19. Output shaft  |
| 6. Gear shaft I             | 13. Helical-bevel gear | 20. Cover II      |
| 7. Cover I                  | 14. Ring II            | 21. Housing       |



## 电机

电机按标准供货，若指定或高于此标准必须说明。

Y普通三相异步电动机：

电压380V，频率50Hz（其它电压、频率需注明）

防护等级：IP44或IP54（指定IP54、IP55、IP56、IP65等需注明）

绝缘等级：B或F（指定F等需注明）

制动电机的制动器电压：380V或220V（指定电压或其它电压需注明）

防爆电机防爆等级：d IIBT4（其它等级需注明）

变频电机频率范围：0-50Hz（0-60Hz、0-120Hz或指定的范围需提出）

电机的噪声、电流、效率、功率因素、额定转矩等项目按国家标准。

以下要求及附件需另行说明：

- \*制动电机配手释放装置
- \*电机的热传感器
- \*不带风冷或强制风冷
- \*配旋转编码器
- \*防水、防潮、防尘的要求

## 电机代号

四级三相异步电动机代号-Y（六极代号-Y6、八极代号-Y8、二级代号-Y2，下同）

制动电机代号-YEJ

防爆电机代号-YB

变频电机代号-YVP

多速电机代号-YD

变频制动代号-YPEJ

其它电机代号另咨询。

## MOTOR

Motors comply with National standard, please state if specification of other standards needed.

Y general tri-phase asynchronous motor data:  
380V, 50Hz (other voltage & frequency should be stated)

Index of performance:  
IP44 or IP54 (specification of IP54, IP55, IP56, IP65 should be stated)

Insulation class:  
B & F (using F should be stated)

Braking voltage of braking motor:  
380V or 220V (other voltages should be stated)

Explosion-proof class:  
d IIBT4 (other classes should be stated)

Frequency range:  
0-50Hz (0-60Hz, 0-120Hz or other range will be stated)

Noise, current, efficiency, power factor, nominal torque all comply with national standard.

The following will be specified by customers:

- \*Brake motor equipped with manual brake release
- \*Thermal sensor
- \*No air cooling or forced air cooling
- \*Installation of rotation encoder
- \*Water proof, damp proof, dust proof

## Motor code:

Y — 4-pole tri-phase asynchronous motor  
(Y2 — 2-pole, Y6 — 6-pole, Y8 — 8-pole)

YEJ — Brake motor

YB — Explosion-proof motor

YVP — Frequency conversion motor

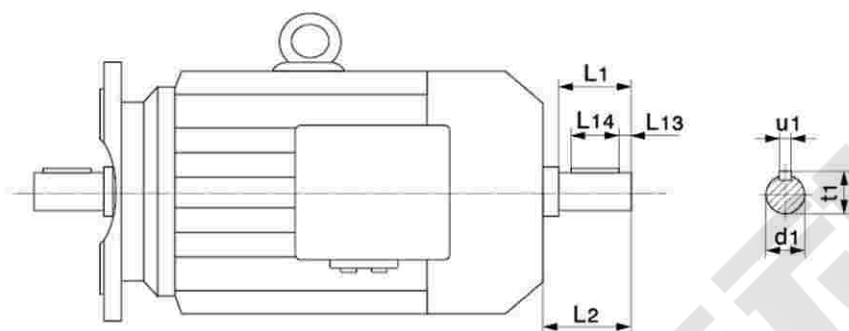
YD — Multi-speed motor

YPEJ — Frequency-conversion brake motor

Other codes are available on request.

电机双出轴：

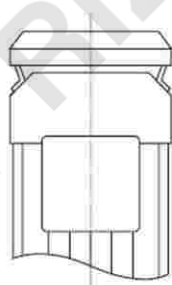
Double extended shaft motor:



|     | 63   | 71   | 80 | 90/100 | 112 | 132S | 132M | 160L | 180  | 200-225 |
|-----|------|------|----|--------|-----|------|------|------|------|---------|
| d1  | 11   | 11   | 14 | 19     | 24  | 28   | 38   | 42   | 48   | 55      |
| L1  | 23   | 23   | 30 | 40     | 50  | 60   | 80   | 110  | 110  | 110     |
| L2  | 27   | 25   | 31 | 42     | 55  | 65   | 85   | 115  | 115  | 115     |
| L13 | 3.5  | 1    | 4  | 4      | 5   | 5    | 5    | 10   | 10   | 10      |
| L14 | 16   | 20   | 22 | 32     | 40  | 50   | 70   | 70   | 80   | 90      |
| t1  | 12.5 | 12.5 | 16 | 21.5   | 27  | 31   | 41   | 45   | 51.5 | 59      |
| u1  | 4    | 4    | 5  | 6      | 8   | 8    | 10   | 12   | 14   | 16      |

电机配室外防护罩：

Motor equipped with shield:



电机接线盒未注明位置一般以0° 供货。

In general, position of terminal box is at angular 0° without specification.



以下只对Y、Y2的额定转速、外形长度尺寸提供一般说明。由于购买厂家不同，和配齿轮箱时法兰缩小，有时尺寸会有些变化，此处不标，其它例如直流、伺服、起重冶金高转差率电机及其它特种电机另行咨询。

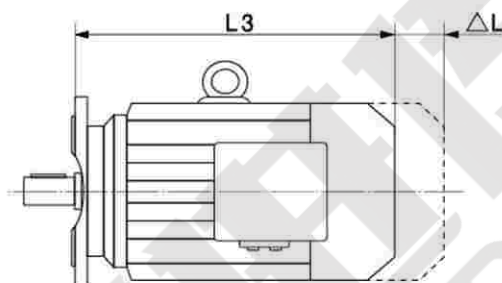
一般情况下Y132以下机座的普通三相异步电机以Y2系列提供，Y132以上以Y系列提供，以实际供货为准。

电机功率和转速、长度尺寸表：

We only provide general data of Y&Y2as example as follows. For the data of DC motor, servo-motor, and other special motors, please consult us.

General 3-phase asynchronous motor belowsize 132 are provided as Y2 series, Type of motors above size 132 willbe provided as Y series.

Table of Power, speed and length dimension:



|      | 2极<br>(2electrodes) |           | 4极<br>(4electrodes) |           | 6极<br>(6electrodes) |           | 8极<br>(8electrodes) |           | m (kg) |       |      |      |      | 配H. B. P. T. RV. JW<br>L3 (mm) |      |     |      | 配R. S. K.<br>F另加<br>△L |
|------|---------------------|-----------|---------------------|-----------|---------------------|-----------|---------------------|-----------|--------|-------|------|------|------|--------------------------------|------|-----|------|------------------------|
|      | Pm (kW)             | n (r.p.m) | Pm (kW)             | n (r.p.m) | Pm (kW)             | n (r.p.m) | Pm (kW)             | n (r.p.m) | (极数)   | Y     | YB   | YEJ  | YVP  | Y                              | YB   | YEJ | YVP  |                        |
| 63   | 0.18                | 2720      | 0.12                | 1310      |                     |           |                     |           | 5.5    |       |      |      | 11   | 197                            | 270  | 328 |      | 40                     |
|      | 0.25                | 2720      | 0.18                | 1310      |                     |           |                     |           | 6      |       | 15   | 12   |      |                                |      |     |      |                        |
| 71   | 0.37                | 2740      | 0.25                | 1330      | 0.18                | 850       |                     |           | 6.5    | 10    | 16   | 12   | 14   | 235                            | 285  | 330 |      | 30                     |
|      | 0.55                | 2740      | 0.37                | 1330      | 0.25                | 850       |                     |           | 7.5    | 10.50 | 16   | 13   | 15   |                                |      |     |      |                        |
| 80   | 0.75                | 2845      | 0.55                | 1390      | 0.37                | 885       | 0.18                | 645       | 10     | 15    | 31   | 20   | 16   | 255                            | 290  | 350 | 330  | 40                     |
|      | 1.1                 | 2845      | 0.75                | 1390      | 0.55                | 885       | 0.25                | 645       | 11     | 16    | 32   | 21   | 17   |                                |      |     |      |                        |
| 90s  | 1.5                 | 2840      | 1.1                 | 1390      | 0.75                | 910       | 0.37                | 670       | 16     | 20    | 35   | 27   | 23   | 270                            | 310  | 370 | 330  | 50                     |
| 90I  | 2.2                 | 2840      | 1.5                 | 1390      | 1.1                 | 910       | 0.55                | 670       | 20     | 23    | 39   | 31   | 28   | 295                            | 335  | 395 | 360  | 50                     |
| 100  | 3                   | 2860      | 2.2                 | 1410      | 1.5                 | 920       | 0.75                | 680       |        | 32    | 49   | 41   | 35   | 325                            | 370  | 420 | 405  | 60                     |
|      |                     |           | 3                   | 1410      |                     |           | 1.1                 | 680       |        | 35    | 53   | 44   | 36   |                                |      |     |      |                        |
| 112M | 4                   | 2880      | 4                   | 1440      | 2.2                 | 935       | 1.5                 | 690       |        | 46    | 67   | 60   | 43   | 340                            | 400  | 450 | 420  | 60                     |
| 132S | 5.5                 | 2900      | 5.5                 | 1440      | 3                   | 960       | 2.2                 | 705       |        | 60    | 93   | 85   | 63   | 395                            | 430  | 505 | 450  | 60                     |
|      | 7.5                 | 2900      |                     |           |                     |           |                     |           |        |       |      |      |      |                                |      |     |      |                        |
| 132M |                     |           | 7.5                 | 1440      | 4                   | 960       | 3                   | 705       |        | 73    | 105  | 98   | 75   | 435                            | 470  | 545 | 490  | 75                     |
|      |                     |           |                     |           | 5.5                 | 965       |                     |           |        |       |      |      |      |                                |      |     |      |                        |
| 160M |                     |           | 11                  | 1460      | 7.5                 | 970       | 4                   | 720       |        | 115   | 150  | 143  | 116  | 495                            | 545  | 610 | 550  | 90                     |
|      |                     |           |                     |           |                     |           | 5.5                 | 720       |        |       |      |      |      |                                |      |     |      |                        |
| 160L |                     |           | 15                  | 1460      |                     |           |                     |           |        | 135   | 169  | 165  | 136  | 560                            | 585  | 655 | 605  | 90                     |
| 180M |                     |           | 18.5                | 1470      | 11                  | 970       | 7.5                 | 720       |        | 172   | 205  | 203  | 169  | 590                            | 620  | 715 | 605  | 110                    |
| 180L |                     |           | 22                  | 1470      | 15                  | 970       | 11                  | 730       |        | 185   | 222  | 216  | 183  | 630                            | 640  | 765 | 705  | 110                    |
| 200  |                     |           | 30                  | 1470      | 18.5                | 970       | 15                  | 730       |        | 253   | 300  | 296  | 236  | 665                            | 695  | 790 | 740  | 110                    |
|      |                     |           |                     |           | 22                  | 970       |                     |           |        |       |      |      |      |                                |      |     |      |                        |
| 225S |                     |           | 37                  | 1480      |                     |           | 18.5                | 730       |        | 300   | 360  | 370  | 291  | 680                            | 705  | 860 | 730  | 130                    |
| 225M |                     |           | 45                  | 1480      | 30                  | 980       | 22                  | 730       |        | 335   | 390  | 405  | 327  | 705                            | 730  | 890 | 770  | 135                    |
| 250  |                     |           | 55                  | 1480      | 37                  | 980       | 30                  | 730       |        | 420   | 530  | 498  | 393  | 795                            | 795  |     | 860  | 115                    |
| 280S |                     |           | 75                  | 1480      | 45                  | 980       | 37                  | 740       |        | 560   | 660  | 633  | 520  | 860                            | 870  |     | 930  | 125                    |
| 280M |                     |           | 90                  | 1480      | 55                  | 980       | 45                  | 740       |        | 670   | 785  | 723  | 610  | 920                            | 920  |     | 980  | 125                    |
| 315S |                     |           | 110                 | 1480      | 75                  | 980       |                     |           |        | 920   | 1000 | 1150 | 950  | 1010                           | 1100 |     | 1285 |                        |
| 315M |                     |           | 132                 | 1480      | 90                  | 980       |                     |           |        | 1050  | 1100 | 1230 | 1030 | 1180                           | 1180 |     | 1380 |                        |
| 315L |                     |           | 160                 | 1480      | 110                 | 980       |                     |           |        | 1160  | 1100 | 1320 | 1100 | 1200                           | 1270 |     | 1450 |                        |
|      |                     |           | 200                 | 1480      | 132                 | 980       |                     |           |        | 1240  | 1600 | 1420 | 1200 |                                |      |     |      |                        |

## 减速机的选型所需的参数

减速机的选择用户应提供以下尽量详细的技术要求、载荷周期和运行条件，瑞德森公司将可为客户完成最后的选择，保证减速机的质量、经济和可靠性。

为了确保承诺的有效性，主要承包商对传动系统的坚固性负责，通过影响因素进行控制，连接传动部分必须协调。用户需在规定的范围内安装、润滑、使用、运行、维护，不受极限速度、扭矩、振动的影响。

### 被动设备

- 名称和种类
- 负载性质（使用冲击系数或惯量）
- 运行负载
- 输出功率
- 输出转速  $n_2(\text{rpm})$ :
- 输出扭矩  $T_2(\text{N} \cdot \text{m})$ :
- 连续使用时间      小时/天      小时/月      小时/年
- 起动力矩和频率
- 制动力矩和频率
- 冲击负载、峰值负载和频率
- 正反运转和频率
- 径向、轴向负载

原动机(或电动机是否正反转及其频率，输出轴径向和轴向负载)

- 型号和种类
- 额定功率和转速
- 最大扭矩
- 起动转矩
- 转动惯量直连电动机时，参照电动机的说明
- 代号及附件
- 电机接线盒位置是否指定

减速器（所选减速器必须能经受起动、制动、冲击力矩等影响）

- 要求的型号
- 安装形式
- 安装方位
- 输出形式
- 电源
- 润滑（飞溅润滑、强制润滑）
- 冷却：不附加冷却装置（即风冷）  
强制风冷  
强制水、油冷却
- 噪声：要求声压值  $\leq$
- 其它附件

## Required parameter for motor selection

Reducer users should offer below detailed technical requirements, REDSUN would accomplish final selection for client and assure reducer's quality, economy, reliability. To ensure validity for promise.

To ensure validity for promise, main contractor should take charge of system ruggedness and transmission factor controlling, connecting pieces must harmonize with transmission components. User must use reducer, operate reducer and maintain reducer properly in the stated tang, and reducer is not influenced by limited speed, torque, vibration.

### Passive equipment

- Name and variety
- Load character (use shock factor or inertia)
- Running load
- Output power(kW)
- Output speed(rpm)
- Output torque( $\text{N} \cdot \text{m}$ )
- Time of woking continuously(hour per day)
- Starting moment and frequency
- Brake momet and frequency
- Shock load,peak load and frequency
- Rotate in both directions and frequency
- Radial and axial load

Impelling force(or motor,if rotate in both direction and frequency of that, output shaft radial and axial load)

- Mode and variety
- Power rating and speed
- Maximal torque
- Starting torque
- Connect with motor directly, rotational inertia refer to specification of motor
- Code and appurtenances
- If position of the terminal box is special requirement.

Reducer (Selected reducer can stand up to influence of starting and brake and shock moment)

- Requied model
- Mounting mode
- Mounting position
- Output mode
- Electrical source
- Lubrication(splash lubrication or forced lubrication)
- Cooling method: No cooling device(air blast)
- Cooling by fan
- Cooling by water or oil
- Noise(dB):required sound pressure value  $\leq$
- Other appurtenances



**联接:**

- 被驱动设备和减速器联接:
- 减速机和电动机或其它原动机联接:
- \* 当用皮带、链条或开式齿轮联接时, 必须告知装在轴端的皮带、链条或齿轮的直径, 以及中心距和负载方向。
- \* 如果使用刚性联轴器, 必须告知作用在轴上的轴向和径向负载。

**环境条件:**

- 周围温度、空旷场地、狭小场地、通风条件:
- 特殊条件: 高温、低温、灰尘、化学作用、直接日照、冰等

**特殊要求:**

- 例如: 外伸中间轴 (S、R、K、F、RV、H、B、P 都有可能)
- 制动停机 (例倾斜输送机)
- 特殊密封 (灰尘、严格要求的食品、化学原料等)
- 速度监测、保护、逆止器等

**其它要求:**
**Connection:**

Driven equipment is connected with gear unit  
 Gear unit is connected with motor or other drives.

- \* When gear unit is connected with belt, chain or gear, user must tell REDSUN their diameter, centre distance and load direction.
- \* If gear unit is connected with rigid coupling, user must tell REDSUN radial and axial load applied on shaft.

**Ambient condition:**

Ambient temperature, open field, narrow field, ventilation condition:

Special condition: high temperature, low temperature, dust, chemistry, direct sun, ice etc:

**Special requirement:**

Example: Extend intermediate shaft (it is possible for S、R、K、F、RV、H、B、P)

Braking and stopping (Such as inclined conveyer)

Special seal (dust, food and chemical material with special requirements.

Speed monitor, protection, backstop.

**Other requirement:**

## 安装、使用、润滑说明

### 一般说明

减速机的安装、操作、维护保养和修理人员均需阅读和理解本说明并遵守其中的规定。若因违反本说明的规定而造成任何损伤和停机，本公司概不负责。

### 注意事项

- 一定不能用高压清理设备清洁减速机。
- 对减速机所进行检修、保养、维护、安装都必须在减速机不工作的情况下进行。
- 在减速机上不得进行焊接工作，也不得用作焊接工作的接地点。焊接会造成精密齿轮和轴承的不可修复的损坏。
- 如果在减速机的运行过程中发现了任何异常现象（例如过热或者不正常的噪声等），应该立即停机检查。
- 凡是旋转的零部件必须配备合适的防护罩以防止人员的意外接触，例如联轴器、液力偶合器、齿轮、驱动皮带轮等。
- 一定要遵守减速机上所附加的说明，例如铭牌、指示方向的箭头等。这些铭牌和标记上面不得有灰尘和油漆。
- 在组装或者解体工作中损坏了的螺栓一定要用同等强度和类型的新螺栓更换。
- 安装升降机时，台架面上的孔，在满足丝杆能方便通过的前提下，应尽可能小。
- 根据减速机的操作条件，减速机的表面、润滑油和零部件可能会达到相当高的温度，小心烫伤！
- 当更换润滑油的时候，要谨慎小心不要被热油烫伤。
- 减速机应该放置在不振动的干燥木制基座上并遮盖好。当储存减速机 and 任何单独的零部件的时候一定要做好防锈措施，以免生锈，储存时不得将减速机叠放在一起。
- 除订货合同中另外有所规定，否则减速机不得储存在或工作在强酸、强碱、低温、高温和重度的空气污染、潮湿，具有化学物品的场所。
- 在搬运减速机时，一定要特别小心，应防止撞击轴端，因为这样将有可能造成减速机的损坏，在吊运减速机时，不得将吊环螺钉挂在轴端处的螺纹上。
- 除订货合同中另外有所规定，减速机和无级变速机工作环境温度不超过40摄氏度，温升低于40摄氏度。
- MB无级变速机出厂时，调速限位螺钉已经调整在极限位置，不得任意调整，以免损坏零件。
- MB无级变速机必须在开机情况下方可调速，否则会损坏零件。

## Installation, usage, lubrication

### General

It must be read and understood by operators, maintenance and repair persons. And they must comply with all regulations in this manual. Any damages and stop of machine caused by wrong operation will be buyer's responsibility.

### Notes

- Gear units can not be cleaned by high-pressure cleaning machine.
- Repair, maintenance, installation must be made with gear unit powered off.
- No welding can be made on gear units, and it cannot be a welding ground point. Welding will cause irreparability of precision gears and shafts.
- During running, gear units must be stopped immediately for check once any problem (such as over heated and high noise) occurs.
- Any rotating parts will be equipped with appropriate shields in order to keep it from accidental touch. Such as couplings, hydraulic couplings, gears, driving belt wheels.
- Please note the instructions attached on gear units, such as label, arrow indicating direction. And they will be kept clean without dust and oil.
- The bolts damaged in installation or dismantlement should be replaced with new one of the same tension and type.
- When installing screw jacks, the screw holes in mounting plate should be as small as possible up to bolts' diameter.
- When gear units running, its temperature may get up to a high point, please take care, there is a danger of scald.
- When changing lubrication, please be careful not to be scalded by hot oil.
- Gear units should be put on dry wooden non-vibration base and be covered. When storing gear units and their components, we should take rust-proof measures, and we cannot pile up gear units.
- Unless there are special requirements in contracts, gear units cannot be stored or work in places with acid, alkali, low temperature, high temperature, heavy air pollution, damp, chemical products.
- When removing gear units, please be careful to avoid knocking shaft end and damaging; when swinging them, bolts of swinging rings cannot put in screw holes in the shaft ends.
- Unless there are special requirements in contracts, ambient temperature of gear units and variable speed drives is below 40℃, and temperature rise should lower 40℃.
- Before delivery of MB series, speed-limiting screw has been adjusted to an extreme point to protect spare parts. And speed adjustment must be done after the drives start up, or the drives will damage.



- 减速机、无级变速机应在许用转矩范围内使用，超扭矩使用应在输出轴上装安全装置，以免减速机损坏。
- 各种减速机、无级变速机适用于连续运转，并允许正反两向运转。（配逆止器时除外）
- 若出现安装方位变动，一般情况下调换油镜、油塞、通气帽即可。
- 备件一定要从瑞德森机械有限公司购买。

## 安装与拆卸

关于安装的综合信息：在户外安装时应该避免阳光的直射，一定要避免热力集中影响减速机的正常性能。

### 整机安装

- 1) 准备刚性好的基础或牢固的台架来安装传动设备，同时也需充分考虑即使加上最大载荷也不至于改变装配好后各部件的位置。
- 2) 底座式安装应校准中心高，联轴器联接时应校准两轴的同轴度，柔性联轴器时浮动量不超过联轴器的允许范围，刚性连接时保证各安装联接的形位公差；长轴联接还要考虑轴的足够刚度。
- 3) 法兰式安装，凸肩（或凹肩）应配合良好，以免错位。法兰式安装并配空心轴联接时，特别应保证联接处的形位公差。
- 4) 扭力臂安装，空心轴与工作轴应配合良好，工作轴的浮动或设备振动应小于弹性块允许的范围，力臂应固定并锁紧。
- 5) 在减速机上安装驱动零件时（如联轴器、齿轮、链轮等），如果需要预加热，则必须保护好轴上的油封，要用防热屏减少热辐射。
- 6) 输出轴加装联轴器、皮带轮、齿轮、链轮等时，请勿重击，应用输出轴外端螺孔，压入连接件。皮带轮、链轮、搅拌式还需考虑径向力。

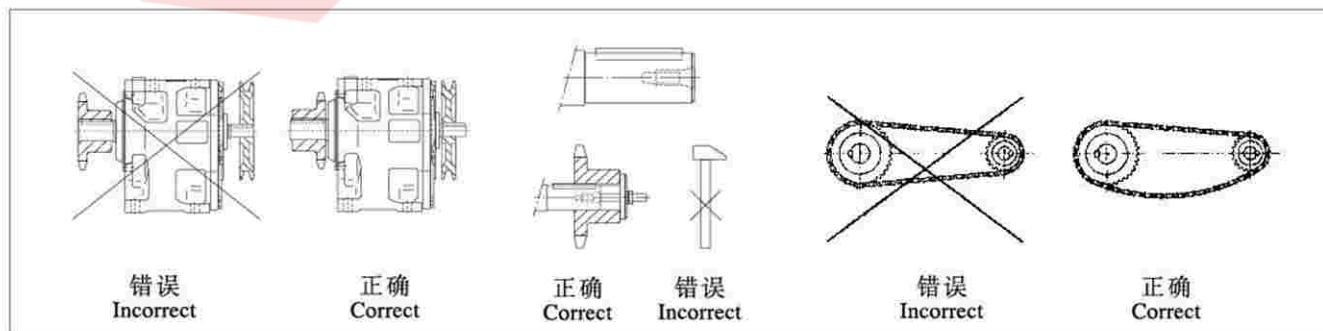
- Gear units and MB should run under permissible torque, safety devices should be equipped to avoid damage if load is larger permissible torque.
- Gear units and MB can run continuously and are permitted to rotate in both directions.
- If mounting position changes, the positions of breather screw, oil level, oil drain plug will be change with each other as usual.
- Spare parts must be purchased from REDSUN.

## Installation and dismantlement

Installing gear units should avoid direct sunshine and heat concentration to guarantee smooth running.

### Installation of whole units

- 1) Please choose foundation with good rigidity or stable plat form to install transmission devices. In the meantime, also should take full consideration that the positions of all parts will not change even if maximum torque is loaded on units.
- 2) Choosing foot-mount, the height of centre line should be calibrated; Choosing coupling-connect, coaxiality should be calibrated; Choosing flexible coupling, run-out should keep within permissible values; Choosing rigid coupling, contour and position tolerance should be guaranteed; Choosing long coupling, rigidity of shaft should be enough.
- 3) Flange-mount, protruding or concave steps should inosculate with housings; using hollow shaft, contour and position tolerance at connection parts should be guaranteed.
- 4) Torque-arm-mount, hollow shafts should be fit with working shafts; run-out of working shafts and vibration of units should be within range of vibration values, torque arm should be fixed and locked.
- 5) Mounting driving parts such as couplings, gears, gear chains, if pre-heat is necessary, seal should be protected by using heat-proof shelter to diminish heat radiation.
- 6) Installing couplings, belt wheels, gears, chain gears on output shafts, please use screw hole in shaft end to press them in the correct position (see following pictures). And radial force should be considered in case of Belt wheel, chain gears and agitation mode.

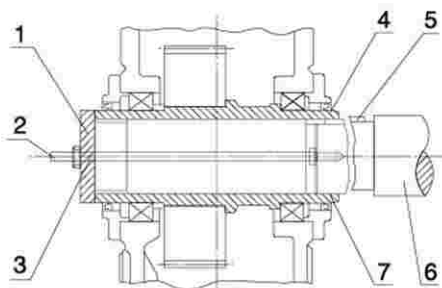


附录

APPENDIX

7) 空心轴与实心轴连接时, 应清理干净并涂防锈油(空心轴一定要精密对中)。除了在图中所示的螺母和螺杆以外, 还可以使用其它类型的装置例(如液压提升装置)。

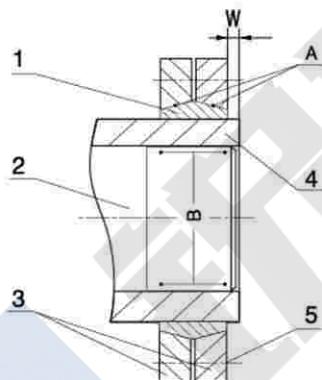
7) When connecting hollow shaft and solid shaft, please clean the surface and put anti-corrosive oil on it. When connecting, besides nuts and threads illustrated in the drawing below, other installing tools such as oil hydraulic devices can be used.



- 1 端板 Pressure plate
- 2 螺母 Nut
- 3 螺杆 Thread
- 4 空心轴 Hollow shaft
- 5 平键 Key
- 6 机器轴 Shaft
- 7 螺母 Nut

8) 当空心轴配置收缩盘时, 为了安全起见在收缩盘上应加防护罩; 空心轴的孔和工作轴在收缩盘的区域里面一定不能有润滑脂。在安装机器的轴之前不要拧紧紧固螺栓。

8) When hollow shaft equipped with shrink disk, protect shield should be installed on shrink disk for safety. Connecting area (equipped shrink disk) of hollow shaft and solid shaft must not be put lubrication cream. Before installing solid shaft, not tighten binding bolts.



- 1 内环 Inner ring
- 2 机器轴 Solid shaft
- 3 外环 Outer ring
- 4 空心轴 Hollow shaft
- 5 紧固螺栓 Binding bolt
- A 有润滑脂的部位 Lubrication area
- B 绝对不能有润滑脂的部位 Non lubrication area
- W 安装高度 Installation height

9) 安装螺栓一般情况下采用 8.8 级, 如果有高温或者振动冲击等情况, 请在螺纹连接处作好防松措施。各个紧固螺栓的拧紧扭矩见下表:

9) Generally fixing bolts adopt GBT8.8. In case of high temperature and vibration, please take anti-loose measures. The tightening torques of binding bolts as follows

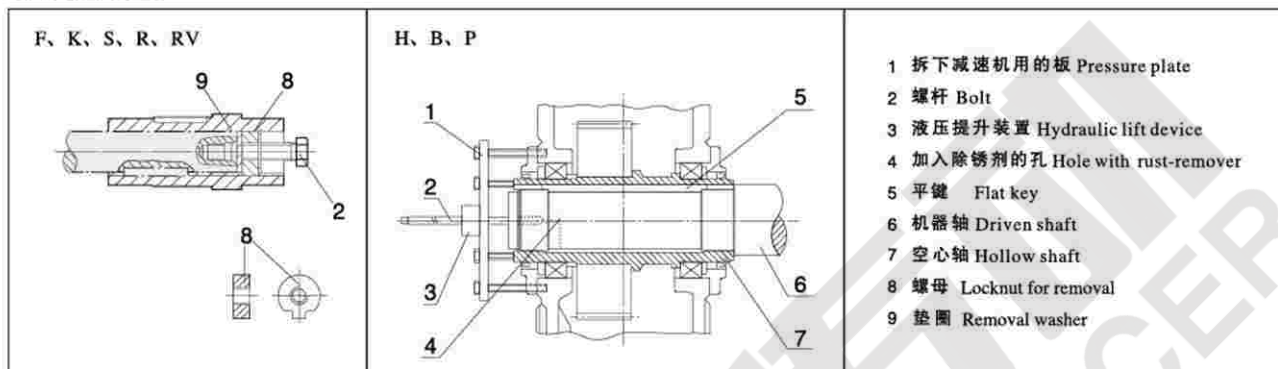
| 螺栓大小 (mm)<br>Diameter of bolt | 预紧力矩 (N·m)<br>Pre-binding-torque | 螺栓大小 (mm)<br>Length of bolt | 预紧力矩 (N·m)<br>Pre-binding torque |
|-------------------------------|----------------------------------|-----------------------------|----------------------------------|
| M6                            | 15                               | M30                         | 2000                             |
| M8                            | 36                               | M36                         | 3560                             |
| M10                           | 72                               | M42                         | 5720                             |
| M12                           | 123                              | M48                         | 8640                             |
| M16                           | 295                              | M56                         | 13850                            |
| M20                           | 580                              | M64                         | 14300                            |
| M24                           | 1000                             | M72                         | 20800                            |



## 拆卸

### 1) 空心轴的拆卸

根据现场实际可使用的设备, 可以用端板上的螺杆 (参见下图)、中心螺杆或者液压提升装置将减速机从机器轴上脱下来。空心轴的每个端面都配备了 2 个螺丝孔可以拧入固定端板的螺栓。



注: 端板和辅助板不在供货范围内。(空心轴端螺纹孔的分布和大小请参照本公司技术图纸)。

## Dismantlement

### 1) Dismantle hollow shaft

According to tools available on the spot, Bolts on pressure plate, center bolt, oil hydraulic device are available to dismantle gear units from driven solid shaft. There are two screw holes in the end surface of hollow shaft for tightening bolts fixing pressure plate.

2) 当空心轴配置收缩盘时, 在首次受力之前一定不能拆下来。拆卸时严禁按照相邻的顺序松开螺栓。

2) When hollow shaft equipped with shrink disk, it is prohibited to loosen bolts one by one in a round way.

## 润滑与冷却

### 润滑

#### 1) 润滑油的选择:

## Lubrication and cooling

### Lubrication

#### 1) Choosing lubrication oil, as following table:

| 系 列<br>Series of reducer | 环境温度<br>Ambient temperature  |     |     |      | ISO粘度与NLGI相应<br>Adhesiveness of ISO<br>and NLGI unitive | Esso            | Mobil                 | Shell                 | GB 牌号<br>L-CK |
|--------------------------|--|-----|-----|------|---|-----------------|-----------------------|-----------------------|---------------|
|                          | -50  | 0℃  | +50 | +100 |   |                 |                       |                       |               |
| R, F, K, T, H,<br>B, P   | -25  |     |     | +80  | VG220   |                 | Mobil Glygoyle 30     | Shell Tiveia OilWB    | N220          |
|                          | 0  | +40 |     |      | VG220   | SPARTAN EP 220  | Mobilgear 630         | Shell Omala Oil220    | N220          |
|                          | -15  | +25 |     |      | VG150 VG100   | SPARTAN EP 150  | Mobilgear 629         | Shell Omala Oil 100   | N150          |
|                          | -30  | +10 |     |      | VG68-46 VG32  | ESSOATF D-21811 | Mobil D.T.E. 15M      | Shell Tellus Oil T 32 | N68           |
| RV, S                    | -20  |     |     |      | VG22 VG15   | UNIVIS J 13     | Mobil D.T.E. 11M      | Shell Tellus Oil T 15 | N22           |
|                          | -45  | 0   |     | +60  | VG680   |                 | Mobil Glygoyle HE 680 |                       | N680          |
|                          | 0  | +40 |     |      | VG680   | SPARTAN EP 680  | Mobilgear 636         | Shell Omala Oil 680   | N680          |
|                          | -15  | +25 |     |      | VG220   | SPARTAN EP 220  | Mobilgear 630         | Shell Omala Oil 220   | N220          |
| JW                       | -20  | +10 |     |      | VG150 VG100   | SPARTAN EP 150  | Mobil D.T.E. 18M      | Shell Omala Oil 100   | N150          |
|                          | -25  | +10 |     |      | VG220   |                 | Mobil Glygoyle 30     |                       | N220          |
|                          | -45  | -20 |     |      | VG22 VG15   | UNIVIS J 13     | Mobil D.T.E. 11M      | Shell Tellus Oil T 15 | N22, N15      |
|                          | 升降机的润滑油选择: JW010-JW200, 选000#钙基润滑脂; JW300-JW1000, 选VG150齿轮润滑油。<br>Lubrication oil: JW010-JW200, 000# calcium grease; JW300-JW1000, VG150 gear lubrication. |     |     |      |   |                 |                       |                       |               |

#### 2) 润滑油的更换

要用和原来的润滑油同一牌号、同一厂家的润滑油。更换润滑油品种时, 要用润滑油将减速机箱体里面的沉积物、金属颗粒和残留的润滑油都冲洗干净。

对于升降机在其正常工作前, 都必须对丝杆表面涂抹润滑油脂, 将丝杆升到最大行程, 然后在丝杆表面涂抹润滑油脂。

#### 3) 润滑方式:

- A. 油池润滑: 一般情况下减速机都采用油池飞溅润滑;
- B. 浸油润滑: 所有的齿轮和轴承都浸没在润滑油里面;
- C. 强制润滑: 是靠辅助设备将润滑油强制压入齿轮箱内对轴承和齿轮进行润滑的。
- D. 稀油站集中润滑: 客户可以根据实际情况自配润滑系统。

#### 2) Change of lubrication oil

Changing lubrication oil, it must be the same type and produced by the same factory. If type is different, must completely remove deposits, metal grains, residues of the old oil in housing with new lubrication oil.

Before screw jacks running, must lubricate screw threads with lubrication cream. Let threads get up to highest point and lubricate threads.

#### 3) Lubrication methods

- A. Splash lubrication: generally gear units adopt or splash lubrication.
- B. Oil-bath lubrication: all gears and bearings must immerse in oil.
- C. Forced lubrication: attached devices press oil into housing to lubricate gears and bearings.
- D. Oil tank lubrication: Customers can equip lubrication system accordingly.

## 冷却

根据要求，有些减速机可配备风扇、冷却螺旋管、水冷或者空冷的润滑油冷却系统或者单独的供油系统。在单独的供油系统的情况下，一定要遵守有关这些装置的规定。

### 1) 风扇：

带有风扇的减速机，在安装联轴器或其它零部件的安全防护罩的时一定要留出足够的空间让空气进入。所留出空间的正确尺寸请参照我公司技术图纸。一定要将风扇罩固定好并防止外界的损坏而且不能和风扇叶接触。

### 2) 冷却螺旋管：

冷却水要由用户自行提供。自来水、海水还是半咸水都可以进行冷却，在连接冷却水的螺旋管之前要先将堵头从冷却水盘管的连接衬套上取下来并彻底冲洗螺旋管将脏物清理干净。（冷却水的流量请参照我公司技术图纸。）

**注：**冷却水可以任意方向流过减速机。冷却水的压力不得超过8巴。为了避免过高的压力，冷却水的入口必须要配备一个流量控制装置，例如减压阀或者截止阀。

## 启动

要遵守“安全说明”中的规定。

### 添加润滑油：

本公司产品一般都未带润滑油出厂，在设备运行前请先加入润滑油。

### 核查设备：

- 1) 检查油面高度，润滑油冷却或者供油系统管路的密封性。
- 2) 检查冷却装置，截止阀的开启状态
- 3) 配备了止回装置的减速机，检查电机接线是否正确。
- 4) 检查轴封是否有效。
- 5) 检查旋转的零部件是否与其它零件接触。

配置了电动油泵的减速机应当保证在启动设备前首先开启油泵电机。

## 故障、原因和措施

维修工作一定要由经过培训的素质合格的人员谨慎地进行。

| 故障<br>Malfunction                               | 原因<br>Causes                             | 措施<br>Measures  |
|---|--|---|
| 在减速机的紧固处有大的噪声<br>High noise at tightening parts | 紧固件松动了<br>Loose of tightening parts      | 将螺栓/螺母拧紧到规定的扭矩。<br>更换损坏了的螺栓/螺母。<br>Tighten nut bolt to correct state<br>Replace damaged nut/bolt                    |
| 减速机的噪声变化<br>Changing noise                      | 齿轮的轮齿发生了损坏<br>Teeth of gears get damaged | 和客户服务部联系。<br>检查所有零件上的齿，更换损坏了的零件。<br>Consult after-sales department<br>Check teeth of gears and replace damaged one. |
|   | 轴承间隙过大<br>Clearance of bearings too big  | 和售后服务部联系。<br>调整轴承的间隙。<br>Consult after-sales department<br>Adjust the clearance of bearings                         |
|   | 轴承损坏<br>Bearings get damaged             | 和客户服务部联系。<br>更换损坏的轴承。<br>Consult after-sales department<br>Replace damaged bearings                                 |

## Cooling

For different requirements, gear units can be equipped with cooling fans, cooling coils, water or air cooling systems, separate oil supply systems. Under condition of separate oil supply system, please comply with its operation regulations.

### 1) Cooling fan:

When gear units with cooling fans are installed safety shield of couplings or other spare parts, enough space should be left to let air get into. The dimension of the space refers to our technical drawings. The fan shield should be fastened and protected against damage, and cannot touch the leaves of fan.

### 2) Cooling coil:

Cooling water is supplied by customers. Tap water, seawater, half salt water can applied to cooling. Before installing cooling coils, please get the plug off the coil clean it. (water flux refer to our technical drawings)

**Note:** Cooling water can flow through gear units in all directions. The pressure of cooling water cannot exceed 8 bar. To avoid higher pressure, a flux controller should be installed at the entrance of cooling coil such as decompression valve or cut-off.

## Start up

Please comply with the regulations in safety instructions

### Add lubrication oil:

Generally there is no lubrication oil in our products. Please add oil before machines begin running.

### Verify machines:

- 1) Check oil level, air-proof of cooling system or oil supply system.
- 2) Check the open-and-close state of cooling devices and cut-off.
- 3) Check the position of input wires when gear units are equipped with anti-counter-rotation devices.
- 4) Check validity of seals.
- 5) Check if the rotating components touch other ones.

Make sure that electric oil pump should start up before the start-up of gear units.

## Malfunction, cause and measure

Maintenance should be made by qualified workers.



| 故障<br>Malfunction                      | 原因<br>Causes   | 措施<br>Measures   |
|--|--|--|
| 轴承温度升高<br>Bearing temperature rise     | 箱体里面的油面过高或过低<br>Oil level is too high or low   | 在室温下检查油面的高度并按需加油。<br>Check oil level at room temperature and add on reduce oil   |
|  | 油过于陈旧<br>Oil is used too long  | 和售后服务部联系。<br>— 检查上次换油的时间。<br>Consult after-sales department.<br>Check the date that oil be replaced last time.   |
|  | 油泵的机械故障<br>Malfunction of oil pump   | 和售后服务部联系。<br>检查油泵的工作是否正常，修理或换新的油泵。<br>Consult after-sales department.<br>Check if pump works normally, repair or replace it.                                       |
|  | 轴承损坏<br>Bearing damage   | 和售后服务部联系。<br>— 查阅操作人员在振动测量中所获得的数据。<br>— 检查并按需更换轴承。<br>Consult after-sales department.<br>— Look up the date about vibration.<br>— Check and replace it on request. |
| 工作温度过高<br>working temperature too high | 箱体里面的油面过高<br>Oil level is too high   | 检查油面的高度，如果有必要的话，调整。<br>Check oil level, and adjust if necessary.   |
|  | 油过于陈旧<br>Oil is used too long  | 和售后服务部联系。<br>检查上一次换油的时间，如果有必要的话就更换。<br>Consult after-sales department.<br>Check the date that oil was replaced last time, replace it if necessary.                 |
|  | 油受到严重污染<br>Oil is polluted seriously   | 和售后服务部联系。<br>— 换油。<br>Consult after-sales department.<br>— Replace oil.  |
|  | 在配备了润滑油冷却系统的减速机上：冷却剂的流量过低或者过高<br>Flux of cooling material is too high or low           | 全面调节进口和出口管道的阀门。<br>检查水冷装置的自由流量。<br>Adjust entrance and exit valves.<br>Check the flux of water cooling devices.  |
|  | 通过水冷装置的油流过低，其原因是：滤油器严重堵塞<br>Oil flux through water cooling devices is too low          | 清理滤油器。<br>Clean oil filter.  |
|  | 油泵的机械故障<br>油泵损坏<br>Malfunction of oil pump<br>oil pump damage                          | 和售后服务部联系。<br>— 检查油泵的功能是否正常。<br>— 修理或者换新。<br>Consult after-sales department.<br>— Check of oil pump works normally.<br>— Repair or replace it.                      |
|  | 在配备了风扇的减速机上：风扇罩的空气入口和/或箱体严重污染<br>Entrance of fan shield and housing polluted seriously | 清理风扇罩和箱体。<br>Cleanse fan shield and housing.   |
|  | 配备了冷却螺旋管的减速机：冷却螺旋管里面结垢<br>Residues in cooling coil                                     | 和售后服务部联系。<br>— 清理或者更换螺旋管。<br>Consult after-sales department.<br>— Clean or replace cooling coil.   |

| 故障<br>Malfunction   | 原因<br>Causes   | 措施<br>Measures  |
|---|--|---|
| 轴承处的<br>振幅升高<br>Swing at<br>bearing higher  | 轴承损坏<br>Bearing is damaged   | 和售后服务部联系。<br>—检查并按需更换轴承。<br>Consult after-sales department.<br>—Check and replace bearing.  |
|   | 齿轮损坏<br>Gear is damaged  | 和售后服务部联系。<br>—检查并按需更换齿轮。<br>Consult after-sales department.<br>—Check and replaces gears.   |
| 止回装置的温度过高<br>止回功能的失效<br>Temperature of<br>anti-backstop too<br>high and it becomes<br>malfunction | 止回装置损坏<br>Anti-backstop becomes<br>malfunction                               | 和售后服务部联系。<br>—检查并按需更换止回装置。<br>Consult after-sales department.<br>—Replace anti-backstop   |
| 减速机漏油<br>Oil-leak of gear unit  | 箱体盖或者联接<br>处的密封不良<br>Sealing at cover and connection<br>not in good state    | 检查密封和连接处，如果必要的话，<br>更换新的。将连接处密封好。<br>Check air-proof and connection part,<br>replace them if necessary, and seal up connection part.        |
|   | 径向轴封环失效<br>Shaft seal is malfunction   | 和售后服务部联系。<br>—换新的径向密封环。<br>Consult after-sales department.<br>—Replace it.  |
| 油中有水<br>Water in oil  | 油中有杂物<br>Mixer in oil  | 用试管检查油的状态是否有水分存在。<br>实验室分析油。<br>Classify if there is water in oil by using tube.<br>Analyse oil in laboratory.                              |
|   | 润滑油冷却器或者<br>冷却螺旋管失效<br>Cooling coil is of mal-fanction                       | 和售后服务部联系。<br>—找出并修理泄漏之处。<br>—更换冷却器或者螺旋管。<br>Consult after-sales department.<br>—Find out and repair leakage place.<br>—replace cooling coil |
|   | 减速机受到机器间通风过<br>来的凉空气而产生凝露<br>Cool air will cause water<br>drop in gear unit. | 用合适的保温材料将减速机保护起来。<br>关闭空气的出口或者在结构上改变其方向。<br>Shelter gear units with proper  |

注：对于客户自己无法排除的故障请和我公司  
售后服务部联系。

Note: Please consult after-sales department, if malfunction can not  
be removed by consumer s tehmselves.



## 保养

用户要定期对减速机进行维护和保养，要定期检查润滑油的使用状态，定期清理通气帽、风扇、冷凝管和减速机表面的灰尘和异物，保持减速机清洁，保证减速机的正常运行。

## Maintenance

Users must maintain gear units periodically check oil state periodically clean breather screw, fan, cooling coil and surface of gear units periodically. Keep gear units clean and assure that gear units work smoothly.

## 措施期限备注:

## Maintenance periods:

|   |  |
|---|--|
| 检查油温<br>Check oil temperature                       | 每日<br>Everyday   |
| 检查减速机的不正常的噪声<br>Check abnormal noise of gear units  | 每日<br>Everyday   |
| 检查油面高度<br>Check oil level                           | 每月<br>Every month  |
| 检查减速机的漏油<br>Check leakage                           | 每月<br>Every month  |
| 检验油中的水分<br>Analyse water                            | 400工作小时后, 至少每年一次<br>Every 400 working hours. At least 1 years.               |
| 在起动之后的首次换油<br>Replace oil first time after start up | 在400工作小时后<br>Every 400 working hours.  |
| 其后的换油<br>Afterward oil replacement                  | 每18个月或者5000工作小时<br>Every 18 months or 5000 working hours                     |
| 清理滤油器<br>Clean oil filter                           | 每3个月<br>Every 3 months   |
| 清理通气帽<br>Clean breathe screw                        | 每3个月<br>Every 3 months   |
| 清理风扇、风扇罩和减速机箱体<br>Clean fan, fan shield and housing | 和换油同时进行<br>At the same time as replacing oil                                 |
| 检查冷却螺旋管的沉积物<br>Check residues in cooling coil.      | 大约每2 年, 和换油同时进行<br>Every 2 years and the same time as replacing oil          |
| 检查润滑油空气冷却器<br>Check air-cooling devices             | 和换油同时进行<br>At the same time as replacing oil                                 |
| 检查润滑油水冷却器<br>Check water-cooling devices            | 和换油同时进行<br>At the same time as replacing oil                                 |
| 检查紧固螺栓的紧固程度<br>Check tightening bolt                | 第一次换油后, 其后每隔一次换油<br>After first replacing oil, every 2times of replacing oil |
| 对于减速机的全面检查<br>Make an over all check                | 大约每2 年和换油同时进行<br>Every 2 years and coincide with replacing oil               |

## 售后服务 After-sale service

各种传动设备，客户发现有质量问题时，不要先拆卸零件，应说明以下情况然后与本公司售后服务部联系，说明现象后确认问题所在，再采用较理想的方法处理。

When customers find some quality problem, please not dismantle the gear units and fill in the following form and contact out after-sales department. We will offer reasonable methods to resolve the problem.

型号规格 Model:

出厂日期 Date:

编号 Number:

已使用时间 Use time:

使用场合或主机名称 Ambience or main machine:

主机生产单位 Company that main machine was made in:

质量问题 Problem:

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用户单位 (Name):

地 址 (Add):

电 话 (Tel):

传 真 (Fax):

邮 编 (Post):

联 系 人 (Link man):



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