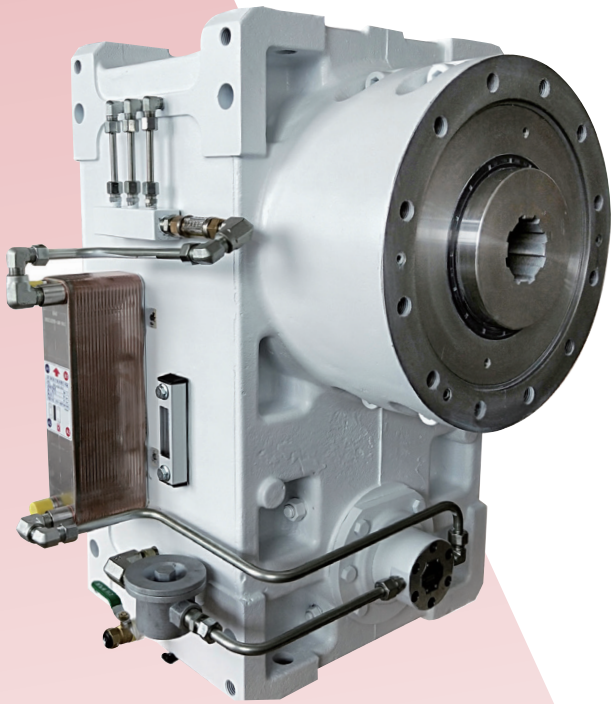
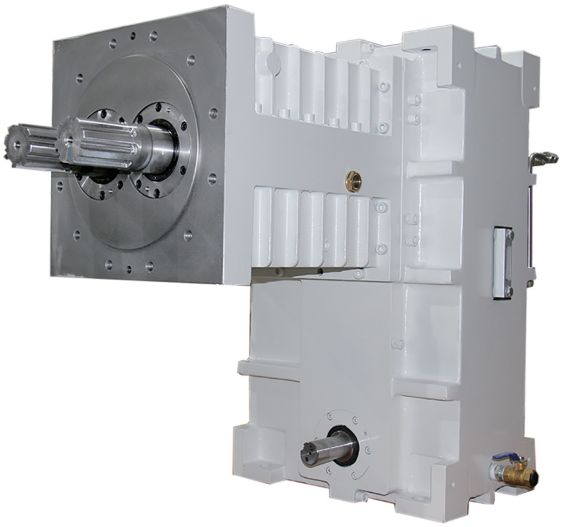
TRANSCYKO®

# 橡塑胶专用齿轮箱

## Gearbox for extruder machine





专业减速机制造商

低背隙摆线减速机（RV）
斜齿轮和伞齿轮减速机
摆线减速机和衍生品
行星减速机

南京传仕重工科技有限公司
传仕精密机械股份有限公司

www.transcyko.com
www.transcyko.com.cn

## 公司简介

传仕精密股份有限公司创立于 1982 年，是一家专注于减速机马达研发与制造的专业生产厂商。优良的质量及快速反应的售服，赢得诸多客户的好评。

传仕以客户为中心，质量为生命。不断地创新及不懈的奋斗，铸成公司极具生命力的文化，公司开发了摆线针轮，行星减速及硬齿面齿轮箱。广泛应用于钢铁行业，化工行业，橡塑胶行业，冷却水塔行业及机械行业等。近几年已成功研发并生产 RV 减速机，应用于机器人及工程车辆的领域。

传仕研发的不断创新、精密的加工中心、精良的测试仪器、优秀的销售团队为您提供性能优越、品质最佳的机械产品。

传仕根据市场需求，研发并制造出 TEX 系列单螺杆挤出机专用齿轮箱、TIN 系列注塑机、炼胶机专用齿轮箱，更好的服务于橡塑胶机械工业。

## Company profile

Transmission Machinery Co., Ltd. was founded on 1982, which is a professional manufacturer focuses on the R&D and produce speed reducer and geared motor. With excellent quality and best services, Transcyko wined good reputation from all our customers.

Transcyko based on customer-focused, quality as the life, with continuous innovation and unremitting struggle, which cast into the most vitality company culture. Transcyko developed cycloidal speed reducer, planetary gearbox and hardened face gear box,which Widely used in the industry of iron and steel ,chemical , rubbe, cooling tower and machinery etc. And in recent years we have successfully developed and produced RV reducer which used in the field of robot and engineering vehicle.

With the innovative research and development, precision machining centers, refined testing equipment and excellent sales team,Transcyko will provide you with superior performance, best quality mechanical products.

According to market demand, TRANSCYKO develops and manufactures special units such as: single screw extruder gearbox TEX series, TIN series injection molding machine, Gearbox for Internal Mixer and open mill, which will be better serve the industry of rubber and plastic machinery.





## 单螺杆挤出机专用齿轮箱 TEX 系列
## TEX Torque Multipliers For Single Screw Extruders

**1. 确保更佳状态**

传仕公司将齿轮箱的各项参数（模数、齿轮、压力角度、斜齿角度、齿的宽度...等）设计革新，推出了可发挥更佳效率的产品 TEX 型齿轮箱。

由于在研发与制造过程中，采用最好的设备，这些新的平行轴齿轮箱可于低噪音标准下，承受更高的入力转速及传输更大的扭矩，效率更高。

**2. 提供许多不同解决方案**

TEX 系列齿轮箱，二段减速设计其适用减速比最大可达到 25，三段减速设计其适用的减速比范围更广，可从 6.3 到 100.

此外，若押出机机台需为紧密精巧的 U 型设计时，因 TEX-P3 的入力轴及出力轴之间距较大，可以用来取代 TEX-P2 以解决马达与料管碰撞的问题。

**外箱**

齿轮箱的外箱材质为灰口铸铁 FC250 或球墨铸铁 FCD450 或钢制箱体。

**齿轮**

齿轮是斜齿设计，材质为 18CrNiMo7-6。它的齿轮加工是根据 DIN6 (或以上) 品质标准，以确保最低噪音和高效率。

**1.ensure higher performances**

Optimising the parameters typical for the gears(module, number of teeth, pressure angle, helical angle, toothing width, .....), TRANSCYKO has realized a product characterized by top performances. Due to particular devices adopted during studying and manufacturing. the new helical gearboxes are able to transmit high torque related to their size and to accept very high input speeds. with low noise level and excellent efficiency.

**2.offer many different solutions**

The gearboxes of the TEX series featured by two gear-pairs and suitable for a maximum gear ratio of 25. These gearboxes, including 3 gear-sets, offer a wide range of gear ratios: from 6.3 fo 100.

Moreover,with a larger centre distance between input and output shafts, they can be used instead of the TEX-P2 gearboxes in order to avoid any interference between the electric motor and the barrel.when verv compact extruders with the characteristic Uform shall be realised.

**Casing**

The casing of the gearboxes is made of grey cast-iron FC250 or ductile cast iron FCD450 or wlded steel.

**Gears**

The gears are made of case-steel type 18CrNiMo7-6 and have a helical toothing. The profile is ground to DIN6 quality so to ensure the fowest noise Jevel and an efflcient use.

**Bearings**

**轴承**
此系统的齿轮箱采用的是世界第一流品牌的轴承。

**止推轴承**
承受螺杆轴向负载止推轴为 294..E 型。

**与押出机螺杆之连接**
可依据客户要求订制押出机螺杆连接的部分，从标准单键，或是 180°双键槽或 UNI-ISO-DIN 标准之花键。任何与螺杆料管连接之问题，请与我们的技术部门联系。

**使用系数**
此目录上所显示的传输功率是依据使用系数 =1 为基本考量，为选择最适当之齿轮箱，我们建议选择使用系数在≥ 1.5 以上的齿轮箱型号。

The system provides large bearings of firsclass brands.

**Thrust bearings**
The bearings for the axial load of the extruder screw are of the 294...E series.

**Extruder screw connection**
On request,the extruder screw connection can be customized, by making other dimensions as the standard ones, either with 2 key-seats at 180° or splines according to UNI, ISO or DIN standards.
Do not hesitat to contact our Technical Dept. for any further information you may need.

**SERVICE FACTOR**
The transmittable power rates shown in this catalogue have been calculated considering a service factor=1(AGMA).For a correct dimensioning of the gearbox, we suggest-when selecting the gearbox type-to assume a service factor ≥ 1.5.

## Recommended oil types 润滑油建议表

| Type of lubricant 润滑油种类 | Application 用途 | Lubricant 润滑油 | | | |
|---|---|---|---|---|---|
| | | OIL 油品 | AMBIENT TEMPERATURE 适用室温 | | |
| Mineral oil 矿物油 | Reduction gearboxes 减速齿轮箱 | ISO VG 220EP<br>ISO VG 320EP | -15℃ ~+15℃<br>+10℃ ~+40℃ | | |
| | | Corresponding Lubricants 可替代之同等级润滑油 | | | |
| | | Type | Brand-name | Type | Brand-name |
| | | MELLANA OIL<br>BLASIA | IP AGIP | MOBIL GEAR<br>600XP OMALA EP | MOBIL SHELL |



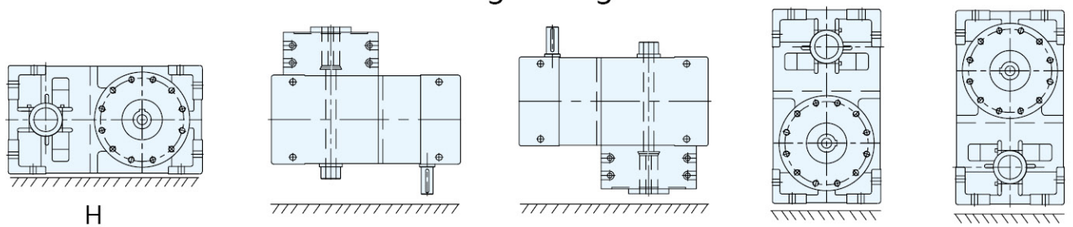


## 型号表示方法
## Model Representation

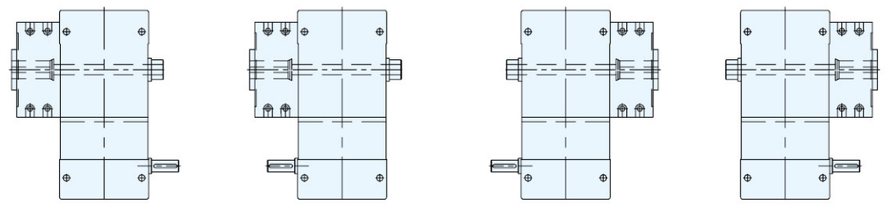
TEX P 3 H 180 RL 16

- TEX：单螺杆押出机专用齿轮箱型号 TEX Torque Multipliers For Single Screw Extruders
- P：平行轴分布 Parallel Shaft
- 3：传动级数 Transmission stage 2: 两级 double 3: 三级 Triple
- H: 安装方式 Mounting Arrangement H: 卧式安装 Horizontal V: 立式安装 Vertical W：直立安装 Upright
- 180：齿轮箱型号（100……560）Gearbox Type
- RL：轴心分布情况 Shaft Arrangement (RL,LL,LR,RR)
- 16：减速比（8……100）Ratio

## 安装方式
## Mounting Arrangement




## 轴心分布情况
## Shaft Arrangement




**请注意：**齿轮箱若没有特别指明时，安装方式为 W1。
**IMPORTANT:**The gearboxes,if not specified differently,will be supplied mounting position W1.

| Gr./Size | | | 100 | | | 112 | | | 125 | | | 140 | | | 160 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| i | n1 | n2 | MN | PN | Pt | MN | PN | Pt | MN | PN | Pt | MN | PN | Pt | MN | PN | Pt |
| | giri | giri | Nm | kW | kW | Nm | kW | kW | Nm | kW | kW | Nm | kW | kW | Nm | kW | kW |
| 6.3 | 2000 | 317 | - | - | - | 1676 | 55 | 22• | 2283 | 81 | 27• | 3185 | 111 | 34• | 4508 | 155 | 45• |
| | 1450 | 230 | - | - | - | 1733 | 41 | 22• | 2356 | 60 | 27• | 3277 | 82 | 34• | 4663 | 115 | 45• |
| | 1000 | 159 | - | - | - | 1733 | 28,3 | 22• | 2356 | 41,4 | 27• | 3287 | 56,6 | 34• | 4663 | 79,3 | 45• |
| | 700 | 111 | - | - | - | 1733 | 19,8 | 22 | 2356 | 29 | 27• | 3287 | 39,6 | 34• | 4663 | 55,5 | 45• |
| 8 | 2000 | 250 | 1411 | 36 | 16• | 2099 | 55 | 22• | 2901 | 81 | 27• | 4059 | 111 | 34• | 5673 | 155 | 45• |
| | 1450 | 181 | 1475 | 27 | 16• | 2158 | 41 | 22• | 2960 | 60 | 27• | 4138 | 82 | 34• | 5801 | 115 | 45• |
| | 1000 | 125 | 1505 | 19 | 16• | 2158 | 28,3 | 22• | 2960 | 41,4 | 27• | 4138 | 56,6 | 34• | 5801 | 79,3 | 45• |
| | 700 | 87 | 1475 | 13 | 16 | 2158 | 19,8 | 22 | 2970 | 29 | 27• | 4138 | 39,6 | 34• | 5801 | 55,5 | 45• |
| 10 | 2000 | 200 | 1445 | 29,5 | 16• | 2237 | 47 | 22• | 3109 | 65 | 27• | 4495 | 100 | 34• | 6257 | 136 | 45• |
| | 1450 | 145 | 1495 | 22 | 16• | 2267 | 34,6 | 22• | 3168 | 48 | 27• | 4574 | 73,7 | 34• | 6415 | 101 | 45• |
| | 1000 | 100 | 1544 | 15 | 16 | 2277 | 23,9 | 22• | 3168 | 33,1 | 27• | 4564 | 50,8 | 34• | 6415 | 69,7 | 45• |
| | 700 | 70 | 1554 | 11 | 16 | 2267 | 16,7 | 22 | 3168 | 23,2 | 27 | 4574 | 35,6 | 34• | 6415 | 48,8 | 45• |
| 12.5 | 2000 | 160 | 1376 | 24 | 16• | 2267 | 40 | 22• | 3178 | 56 | 27• | 4495 | 78 | 34• | 6395 | 108 | 45• |
| | 1450 | 116 | 1129 | 18 | 16• | 2317 | 29,7 | 22• | 3257 | 41,6 | 27• | 4604 | 58 | 34• | 6534 | 80 | 45• |
| | 1000 | 80 | 1465 | 13 | 16 | 2317 | 20,5 | 22 | 3257 | 28,7 | 27• | 4604 | 40 | 34• | 6534 | 55,2 | 45• |
| | 700 | 56 | 1475 | 9 | 16 | 2317 | 14,3 | 22 | 3257 | 20,1 | 27 | 4604 | 28 | 34 | 6524 | 38,6 | 45 |
| 16 | 2000 | 125 | 1475 | 20 | 16• | 2287 | 31 | 22• | 3119 | 42 | 27• | 4277 | 56 | 34• | 6445 | 90 | 45• |
| | 1450 | 91 | 1535 | 15 | 16 | 2297 | 22,6 | 22• | 3208 | 31,4 | 27• | 4386 | 41,6 | 34• | 6564 | 66,4 | 45• |
| | 1000 | 62 | 1594 | 11 | 16 | 2297 | 15,6 | 22 | 3218 | 21,7 | 27 | 4386 | 28,7 | 34 | 6564 | 45,8 | 45• |
| | 700 | 44 | 1604 | 7 | 16 | 2297 | 10,9 | 22 | 3218 | 15,2 | 27 | 4386 | 20,1 | 34 | 6564 | 32,1 | 45 |
| 20 | 2000 | 100 | 1396 | 15 | 16 | 2079 | 22 | 22 | 3069 | 34 | 27• | 4415 | 49 | 34• | 6326 | 69 | 45• |
| | 1450 | 72 | 1465 | 11 | 16 | 2138 | 16,4 | 22 | 3148 | 25,3 | 27 | 4475 | 36 | 34• | 6425 | 50,8 | 45• |
| | 1000 | 50 | 1485 | 8 | 16 | 2129 | 11,3 | 22 | 3148 | 17,4 | 27 | 4465 | 24,8 | 34 | 6425 | 35 | 45 |
| | 700 | 35 | 1495 | 6 | 16 | 2129 | 7,9 | 22 | 3148 | 12,2 | 27 | 4475 | 17,4 | 34 | 6425 | 24,5 | 45 |
| 25 | 2000 | 80 | 1290 | 10.7 | 16 | 2089 | 18 | 22 | 2861 | 24 | 27 | 4079 | 35 | 34• | 5693 | 47 | 45• |
| | 1450 | 58 | 1396 | 8 | 16 | 2079 | 13 | 22 | 2861 | 17, | 27 | 4128 | 25,7 | 34 | 5841 | 35 | 45 |
| | 1000 | 40 | 1436 | 6 | 16 | 2089 | 9 | 22 | 2861 | 12 | 27 | 4128 | 17,7 | 34 | 5831 | 24,1 | 45 |
| | 700 | 28 | 1445 | 4 | 16 | 2089 | 6,3 | 22 | 2861 | 8,4 | 27 | 4128 | 12,4 | 34 | 5841 | 16,9 | 45 |

**ATTENTION:**
• Maximum input power at ambient temperature of 30℃ . If a higher input power is required, please ask for forced cooling.
**The indicated PN is the nominal power calculated with factor SF(AGMA)=1. To calculate the maximum transmittable power please consider service factor SF(AGMA) ≥ 1,5. For input speeds higher than 2000 rpm please consult us.**

**请注意:**
• 在室温 30℃时所能承受的最大热功率, 若热功率需求大于表列数据, 必须选用强制冷却系统。
**上述 PN (额定马力) 的计算方式是在额定转速下, 安全系数为 1 做考量, 计算最大传输马力时请以安全系数 1.5 做为考量, 若入力转速高于 2000 转时, 请与本公司联络。**



TRANSCYKO® TEX
TEX-P2 马力及额定扭矩表
TEX-P2 Powers(KW) & Nominal Torque

| Gr./Size | | | 180 | | | 200 | | | 225 | | | 250 | | | 280 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| i | n1 | n2 | MN | PN | Pt | MN | PN | Pt | MN | PN | Pt | MN | PN | Pt | MN | PN | Pt |
| | giri | giri | Nm | kW | kW | Nm | kW | kW | Nm | kW | kW | Nm | kW | kW | Nm | kW | kW |
| 6.3 | 2000 | 317 | 6252 | 216 | 58• | 8732 | 311 | 73• | 12858 | 432 | 90• | 16758 | 595 | 112• | 24069 | 838 | 139• |
| | 1450 | 230 | 6445 | 160 | 58• | 8999 | 230 | 73• | 13276 | 320 | 90• | 17266 | 440 | 112• | 24809 | 620 | 139• |
| | 1000 | 159 | 6425 | 110 | 58• | 8999 | 158,6 | 73• | 13276 | 220,7 | 90• | 17266 | 303,4 | 112• | 24809 | 429,6 | 139• |
| | 700 | 111 | 6445 | 77,2 | 58• | 8999 | 111 | 73• | 13276 | 154,5 | 90• | 17266 | 212,4 | 112• | 24809 | 299,3 | 139• |
| 8 | 2000 | 250 | 7940 | 216 | 58• | 11088 | 311 | 73• | 16157 | 432 | 90• | 21305 | 595 | 112• | 30641 | 838 | 139• |
| | 1450 | 181 | 8108 | 160 | 58• | 11306 | 230 | 73• | 16503 | 320 | 90• | 21731 | 440 | 112• | 31274 | 620 | 139• |
| | 1000 | 125 | 8088 | 110 | 58• | 11306 | 158,6 | 73• | 16503 | 220,7 | 90• | 21731 | 303,4 | 112• | 31274 | 427,6 | 139• |
| | 700 | 87 | 8108 | 77,2 | 58• | 11306 | 111 | 73• | 16503 | 154,5 | 90• | 21731 | 212,4 | 112• | 31264 | 299,3 | 139• |
| 10 | 2000 | 200 | 9068 | 197 | 58• | 12088 | 253 | 73• | 16988 | 364 | 90• | 23057 | 482 | 112• | 34036 | 757 | 139• |
| | 1450 | 145 | 9266 | 146 | 58• | 12326 | 187 | 73• | 17315 | 269 | 90• | 23562 | 357 | 112• | 34729 | 560 | 139• |
| | 1000 | 100 | 9276 | 100,7 | 58• | 12326 | 129 | 73• | 17315 | 185,5 | 90• | 23562 | 246,2 | 112• | 34729 | 386,2 | 139• |
| | 700 | 70 | 9390 | 70,5 | 58• | 12326 | 90,3 | 73• | 17325 | 129,9 | 90• | 23562 | 172,3 | 112• | 34729 | 270,3 | 139• |
| 12.5 | 2000 | 160 | 9177 | 153 | 58• | 12128 | 205 | 73• | 16444 | 282 | 90• | 23552 | 419 | 112• | 34373 | 597 | 139• |
| | 1450 | 116 | 9356 | 113 | 58• | 12405 | 152 | 73• | 16810 | 209 | 90• | 23750 | 310 | 112• | 35105 | 442 | 139• |
| | 1000 | 80 | 9346 | 77,9 | 58• | 12405 | 104,8 | 73• | 16790 | 144 | 90• | 24235 | 213,8 | 112• | 35096 | 304,8 | 139• |
| | 700 | 56 | 9356 | 54,6 | 58 | 12405 | 73,4 | 73• | 16810 | 100,9 | 90• | 24245 | 149,7 | 112• | 35105 | 313,4 | 139• |
| 16 | 2000 | 125 | 8623 | 112 | 58• | 12335 | 166 | 73• | 17256 | 238 | 90• | 23582 | 318 | 112• | 34106 | 453 | 139• |
| | 1450 | 91 | 8781 | 82,7 | 58• | 12563 | 122,6 | 73• | 17592 | 176 | 90• | 24037 | 235 | 112• | 34789 | 335 | 139• |
| | 1000 | 62 | 8771 | 57 | 58 | 12573 | 84,6 | 73• | 17602 | 121,4 | 90• | 24047 | 162,1 | 112• | 34779 | 231 | 139• |
| | 700 | 44 | 8771 | 39,9 | 58 | 12573 | 59,2 | 73 | 17602 | 85 | 90 | 24027 | 113,4 | 112• | 34779 | 161,7 | 139• |
| 20 | 2000 | 100 | 8930 | 97 | 58• | 12088 | 129 | 73• | 16899 | 189 | 90• | 23037 | 255 | 112• | 33492 | 372 | 139• |
| | 1450 | 72 | 9098 | 71,7 | 58• | 12355 | 95,6 | 73• | 17266 | 140 | 90• | 23552 | 189 | 112• | 34145 | 275 | 139• |
| | 1000 | 50 | 9088 | 49,4 | 58 | 12345 | 65,9 | 73 | 17276 | 96,6 | 90• | 23542 | 130,3 | 112• | 34155 | 189,7 | 139• |
| | 700 | 35 | 9098 | 34,6 | 58 | 12365 | 46,2 | 73 | 17266 | 67,6 | 90 | 23542 | 91,2 | 112 | 34155 | 132,8 | 139 |
| 25 | 2000 | 80 | 8029 | 70 | 58• | 11415 | 102 | 73• | 15632 | 135 | 90• | 20978 | 176 | 112• | 30561 | 257 | 139• |
| | 1450 | 58 | 8177 | 51,7 | 58 | 11633 | 75,3 | 73• | 15929 | 99,7 | 90• | 21453 | 130,5 | 112• | 31165 | 190 | 139• |
| | 1000 | 40 | 8187 | 35,7 | 58 | 11623 | 51,9 | 73 | 15939 | 68,8 | 90 | 21453 | 90 | 112 | 31155 | 131 | 139 |
| | 700 | 28 | 8197 | 25 | 58 | 11642 | 36,4 | 73 | 15919 | 48,1 | 90 | 21453 | 63 | 112 | 31155 | 91,7 | 139 |

**ATTENTION:**
• Maximum input power at ambient temperature of 30℃ . If a higher input power is required, please ask for forced cooling.
**The indicated PN is the nominal power calculated with factor SF(AGMA)=1. To calculate the maximum transmittable power please consider service factor SF(AGMA) ≥ 1,5. For input speeds higher than 2000 rpm please consult us.**

**请注意:**
• 在室温 30℃时所能承受的最大热功率, 若热功率需求大于表列数据, 必须选用强制冷却系统。
**上述 PN (额定马力) 的计算方式是在额定转速下, 安全系数为 1 做考量, 计算最大传输马力时请以安全系数 1.5 做为考量, 若入力转速高于 2000 转时, 请与本公司联络。**

# TEX-P2 马力及额定扭矩表
# TEX-P2 Powers(KW) & Nominal Torque

| Gr./Size | | | 320 | | | 360 | | | 400 | | | 450 | | | 500 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| i | n1 | n2 | MN | PN | Pt | MN | PN | Pt | MN | PN | Pt | MN | PN | Pt | MN | PN | Pt |
| | giri | giri | Nm | kW | kW | Nm | kW | kW | Nm | kW | kW | Nm | kW | kW | Nm | kW | kW |
| 6.3 | 2000 | 317 | 34202 | 1176 | 171• | 48863 | 1689 | 207• | 68541 | 2365 | 261• | 98386 | 3379 | 325• | 148465 | 4799 | 410• |
| | 1450 | 230 | 35254 | 870 | 171• | 50381 | 1250 | 207• | 70666 | 1750 | 261• | 101427 | 2500 | 325• | 153029 | 3550 | 410• |
| | 1000 | 159 | 35254 | 600 | 171• | 50381 | 862 | 207• | 70617 | 1206 | 261• | 101420 | 1724 | 325• | 153011 | 2448 | 410• |
| | 700 | 111 | 35254 | 420 | 171• | 50381 | 603 | 207• | 70597 | 844 | 261• | 101436 | 1207 | 325• | 153047 | 1714 | 410• |
| 8 | 2000 | 250 | 43897 | 1176 | 171• | 62063 | 1689 | 207• | 85823 | 2365 | 261• | 126570 | 3379 | 325• | 186124 | 4799 | 410• |
| | 1450 | 181 | 44788 | 870 | 171• | 63350 | 1250 | 207• | 87595 | 1750 | 261• | 129165 | 2500 | 325• | 189908 | 3550 | 410• |
| | 1000 | 125 | 44788 | 600 | 171• | 63350 | 862 | 207• | 87526 | 1206 | 261• | 129154 | 1724 | 325• | 189886 | 2448 | 410• |
| | 700 | 87 | 44788 | 420 | 171• | 63301 | 603 | 207• | 87506 | 844 | 261• | 129176 | 1207 | 325• | 189931 | 1714 | 410• |
| 10 | 2000 | 200 | 48758 | 1059 | 171• | 70488 | 1531 | 207• | 96594 | 2085 | 261• | 138893 | 3027 | 325• | 202727 | 4376 | 410• |
| | 1450 | 145 | 49787 | 784 | 171• | 71943 | 1133 | 207• | 98594 | 1543 | 261• | 142341 | 2239 | 325• | 206843 | 3237 | 410• |
| | 1000 | 100 | 49787 | 540,7 | 171• | 71943 | 781,4 | 207• | 98584 | 1064 | 261• | 142328 | 1544 | 325• | 206804 | 2232 | 410• |
| | 700 | 70 | 49787 | 378,5 | 171• | 71953 | 547 | 207• | 98475 | 744 | 261• | 142354 | 1081 | 325• | 206883 | 1563 | 410• |
| 12.5 | 2000 | 160 | 49361 | 834 | 171• | 68825 | 1238 | 207• | 97980 | 1645 | 261• | 141301 | 2387 | 325• | 197116 | 3408 | 410• |
| | 1450 | 116 | 50371 | 617 | 171• | 70241 | 916 | 207• | 99980 | 1217 | 261• | 144194 | 1766 | 325• | 201121 | 2521 | 410• |
| | 1000 | 80 | 50371 | 425,5 | 171• | 70231 | 631,7 | 207• | 99950 | 839 | 261• | 144201 | 1218 | 325• | 201165 | 1739 | 410• |
| | 700 | 56 | 50381 | 297,9 | 171• | 70241 | 442,2 | 207• | 99901 | 587 | 261• | 144270 | 853 | 325• | 201116 | 1217 | 410• |
| 16 | 2000 | 125 | 49629 | 693 | 171• | 68657 | 973 | 207• | 98584 | 1368 | 261• | 139960 | 1798 | 325• | 195722 | 2586 | 410• |
| | 1450 | 91 | 50668 | 513 | 171• | 70072 | 720 | 207• | 100594 | 1012 | 261• | 142800 | 1330 | 325• | 199705 | 1913 | 410• |
| | 1000 | 62 | 50678 | 353,8 | 171• | 70082 | 496,6 | 207• | 100455 | 697 | 261• | 142762 | 917 | 325• | 199657 | 1319 | 410• |
| | 700 | 44 | 50678 | 247,7 | 171• | 70072 | 347,6 | 207• | 100475 | 488 | 261• | 142785 | 642 | 325• | 199809 | 924 | 410• |
| 20 | 2000 | 100 | 49045 | 519 | 171• | 69280 | 753 | 207• | 96990 | 1061 | 261• | 137457 | 1418 | 325• | 181494 | 1844 | 410• |
| | 1450 | 72 | 50054 | 384 | 171• | 70686 | 557 | 207• | 98980 | 785 | 261• | 140257 | 1049 | 325• | 185173 | 1364 | 410• |
| | 1000 | 50 | 50054 | 264,8 | 171• | 70666 | 384 | 207• | 98911 | 541 | 261• | 140170 | 723 | 325• | 185234 | 941 | 410• |
| | 700 | 35 | 50064 | 185,4 | 171• | 70686 | 268,9 | 207• | 98990 | 379 | 261• | 140142 | 506 | 325• | 185037 | 658 | 410• |
| 25 | 2000 | 80 | 46253 | 409 | 171• | 65617 | 572 | 207• | 93595 | 836 | 261• | 125745 | 1064 | 325• | 175874 | 1446 | 410• |
| | 1450 | 58 | 47263 | 303 | 171• | 66934 | 423 | 207• | 95585 | 619 | 261• | 128288 | 787 | 325• | 179507 | 1070 | 410• |
| | 1000 | 40 | 47273 | 209 | 171• | 66924 | 291,7 | 207• | 95387 | 426 | 261• | 128345 | 543 | 325• | 179524 | 738 | 410• |
| | 700 | 28 | 47273 | 146,3 | 171 | 66924 | 204,2 | 207 | 95327 | 298 | 261• | 128311 | 380 | 325• | 179662 | 517 | 410• |

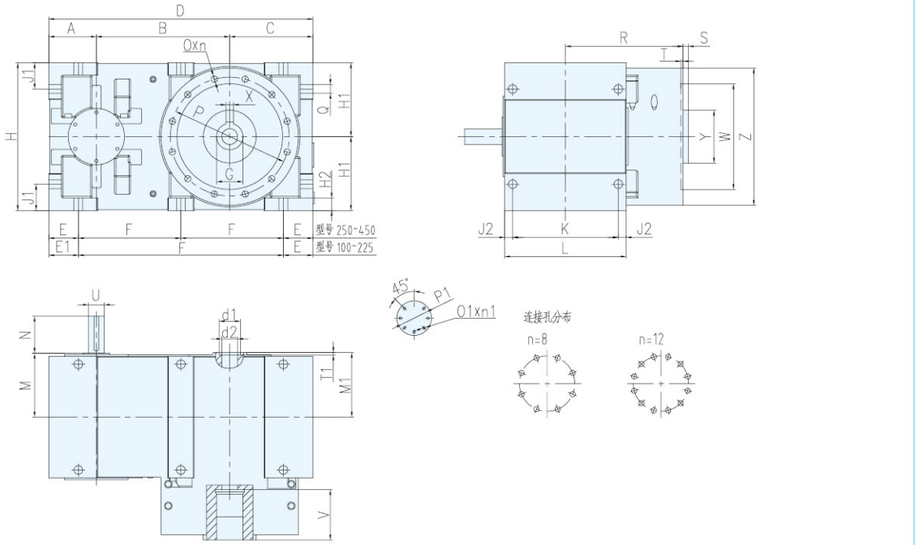
**ATTENTION:**
• Maximum input power at ambient temperature of 30°C . If a higher input power is required, please ask for forced cooling.
**The indicated PN is the nominal power calculated with factor SF(AGMA)=1. To calculate the maximum transmittable power please consider service factor SF(AGMA) ≥ 1,5. For input speeds higher than 2000 rpm please consult us.**

**请注意：**
• 在室温 30°C时所能承受的最大热功率，若热功率需求大于表列数据，必须选用强制冷却系统。
**上述 PN (额定马力) 的计算方式是在额定转速下，安全系数为 1 做考量，计算最大传输马力时请以安全系数 1.5 做为考量，若入力转速高于 2000 转时，请与本公司联络。**





# TEX-P2 齿轮箱外观尺寸表
# TEX-P2 Overall Dimensions




| Size/ 型号 | A | B | C | D | d1 | d2 | E | E1 | F | G H7 | H | H1 H10 | H2 | J1 | J2 | M | P | P1 | S | T1 | V |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **100** | 63 | 180 | 112 | 355 | 20 | 18 | 40 | 40 | 275 | 28 | 200 | 100 | 15 | 40 | 12 | 85 | 160 | 30 | 8 | 8 | 70 |
| **112** | 80 | 202 | 125 | 407 | 22 | 19 | 45 | 55 | 307 | 32 | 224 | 112 | 16 | 42 | 18 | 106 | 170 | 35 | 8 | 8 | 90 |
| **125** | 90 | 225 | 140 | 455 | 28 | 24 | 50 | 60 | 345 | 38 | 250 | 125 | 17 | 45 | 17 | 114 | 205 | 42 | 8 | 8 | 100 |
| **140** | 100 | 252 | 160 | 512 | 30 | 27 | 56 | 66 | 390 | 42 | 280 | 140 | 18 | 48 | 18 | 125 | 230 | 45 | 8 | 10 | 110 |
| **160** | 112 | 285 | 180 | 577 | 32 | 29 | 63 | 75 | 439 | 50 | 320 | 160 | 21 | 50 | 20,5 | 142 | 260 | 50 | 17 | 10 | 130 |
| **180** | 125 | 320 | 200 | 645 | 40 | 34 | 70 | 83 | 492 | 60 | 360 | 180 | 25 | 60 | 23 | 158 | 300 | 62 | 17 | 10 | 140 |
| **200** | 140 | 360 | 225 | 725 | 50 | 44 | 80 | 95 | 550 | 70 | 400 | 200 | 31 | 70 | 25 | 176 | 330 | 72 | 18 | 10 | 150 |
| **225** | 140 | 405 | 250 | 795 | 60 | 55 | 90 | 90 | 615 | 80 | 450 | 225 | 36 | 80 | 22,5 | 192 | 350 | 82 | 18 | 10 | 160 |
| **250** | 160 | 450 | 280 | 890 | 70 | 55 | 100 | - | 345 | 90 | 500 | 250 | 40 | 90 | 26 | 216 | 400 | 95 | 20 | 10 | 170 |
| **280** | 180 | 505 | 315 | 1000 | 80 | 60 | 112 | - | 388 | 100 | 560 | 280 | 48 | 100 | 30 | 242 | 450 | 105 | 20 | 10 | 190 |
| **320** | 200 | 570 | 355 | 1125 | 90 | 60 | 125 | - | 437,5 | 110 | 630 | 315 | 54 | 112 | 35 | 273 | 500 | 115 | 20 | 10 | 200 |
| **360** | 225 | 640 | 400 | 1265 | 100 | 80 | 140 | - | 492,5 | 125 | 710 | 355 | 55 | 125 | 40 | 302 | 600 | 140 | 24 | 10 | 210 |
| **400** | 250 | 720 | 450 | 1420 | 110 | 80 | 160 | - | 550 | 140 | 800 | 400 | 60 | 140 | 45 | 340 | 680 | 150 | 24 | 10 | 220 |
| **450** | 280 | 810 | 500 | 1590 | 130 | 80 | 180 | - | 615 | 160 | 900 | 450 | 65 | 150 | 55 | 390 | 780 | 180 | 24 | 10 | 240 |

| Size/ 型号 | K | L | M1 | N | n | n1 | O | O1 | Q | R | T | U | W | X | Y | Z | Thrust Bearing | Weight/ kg | Oil/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **100** | 140 | 164 | 85 | 50 | 8 | 6 | M12 | M4 | 12 | 170 | 5 | 22 | 140 | 8 | 60 | 180 | 29412E | 58 | 3 |
| **112** | 160 | 196 | 106 | 56 | 8 | 6 | M12 | M5 | 14 | 180 | 5 | 24 | 150 | 10 | 70 | 200 | 29412E | 80 | 4 |
| **125** | 180 | 214 | 113 | 63 | 8 | 6 | M12 | M6 | 16 | 205 | 5 | 28 | 180 | 10 | 80 | 230 | 29415E | 112 | 5 |
| **140** | 200 | 236 | 124 | 70 | 8 | 6 | M12 | M6 | 18 | 230 | 5 | 32 | 200 | 12 | 90 | 260 | 29417E | 154 | 6,5 |
| **160** | 225 | 266 | 140 | 80 | 8 | 6 | M16 | M8 | 20 | 260 | 6 | 35 | 230 | 14 | 110 | 300 | 29420E | 216 | 9 |
| **180** | 250 | 296 | 157 | 90 | 8 | 6 | M20 | M10 | 22 | 290 | 6 | 40 | 260 | 18 | 140 | 350 | 29424E | 320 | 13 |
| **200** | 280 | 330 | 180 | 100 | 8 | 6 | M20 | M10 | 24 | 320 | 6 | 45 | 290 | 20 | 160 | 380 | 29428E | 460 | 17 |
| **225** | 315 | 360 | 193 | 112 | 12 | 6 | M20 | M10 | 27 | 355 | 6 | 50 | 310 | 22 | 170 | 400 | 29430E | 590 | 22 |
| **250** | 355 | 407 | 217 | 125 | 12 | 6 | M24 | M10 | 30 | 405 | 8 | 55 | 365 | 25 | 190 | 450 | 29434E | 850 | 31 |
| **280** | 400 | 460 | 245 | 140 | 12 | 8 | M24 | M10 | 33 | 445 | 8 | 60 | 400 | 28 | 200 | 520 | 29436E | 1250 | 41 |
| **320** | 450 | 520 | 275 | 160 | 12 | 8 | M24 | M12 | 36 | 490 | 8 | 70 | 450 | 28 | 210 | 600 | 29440E | 1750 | 70 |
| **360** | 500 | 580 | 307 | 180 | 12 | 8 | M30 | M12 | 39 | 560 | 10 | 80 | 520 | 32 | 280 | 680 | 29452E | 2550 | 100 |
| **400** | 560 | 650 | 345 | 200 | 12 | 8 | M36 | M16 | 42 | 640 | 10 | 90 | 600 | 36 | 300 | 750 | 29456E | 3600 | 120 |
| **450** | 630 | 740 | 397 | 225 | 16 | 8 | M36 | M16 | 44 | 720 | 12 | 100 | 700 | 40 | 350 | 870 | 29468E | 5200 | 200 |

ATTENTION: the weights have to be considered as a guideline and may vary according to the reduction ratio and the accessories required.
**The oil quantity refers to gearboxes in W1 mounting position and with splash lubrication.** The quantity varies according to the mounting positon and decreases if the lubrication is of the forced type when a pump or a motot-driven pump is used.

请注意：上述重量为参考数据，会因为减速比和其他所需配备之不同而改变。
**表列之油量是之齿轮箱为 W1 落地方向与溅式润滑系统为基准，**其他落地方向所需的油量可依方向的不同而改变，也可因强制润滑使用泵浦或马达泵浦而减少。

| $n_1$ rpm | 112 | | | | | | | | | | 125 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW |
| 2000 | 6,3 | 317 | 1762 | 63.2 | 12• | 31,5 | 63 | 2225 | 16,1 | 12• | 6,3 | 317 | 2156 | 78 | 16• | 31,5 | 63 | 3116 | 22,6 | 16• |
| 1450 | | 230 | 1832 | 47 | 12• | | 46 | 2297 | 12 | 12 | | 230 | 2228 | 58 | 16• | | 46 | 3227 | 16,8 | 16• |
| 1000 | | 159 | 1832 | 32.4 | 12• | | 32 | 2307 | 8,3 | 12 | | 159 | 2228 | 40 | 16• | | 32 | 3227 | 11,6 | 16 |
| 700 | | 111 | 1832 | 22.7 | 12• | | 22 | 2307 | 5,8 | 12 | | 111 | 2228 | 28 | 16• | | 22 | 3178 | 8 | 16 |
| 2000 | 8 | 250 | 1764 | 60.5 | 12• | 40 | 50 | 2099 | 11,4 | 12 | 8 | 250 | 2881 | 78 | 16• | 40 | 50 | 3138 | 17,6 | 16• |
| 1450 | | 181 | 1832 | 45 | 12• | | 36 | 2158 | 8,5 | 12 | | 181 | 2960 | 58 | 16• | | 36 | 3227 | 13,1 | 16 |
| 1000 | | 125 | 1832 | 31 | 12• | | 25 | 2168 | 5,9 | 12 | | 125 | 2960 | 40 | 16• | | 25 | 3218 | 9 | 16 |
| 700 | | 87 | 1832 | 21.7 | 12• | | 17,5 | 2148 | 4,1 | 12 | | 87 | 2960 | 28 | 16• | | 17,5 | 3218 | 6,3 | 16 |
| 2000 | 10 | 200 | 2129 | 49.4 | 12• | 50 | 40 | 2129 | 9,3 | 12 | 10 | 200 | 3148 | 70,7 | 16• | 50 | 40 | 3148 | 14,6 | 16 |
| 1450 | | 145 | 2178 | 36.7 | 12• | | 29 | 2178 | 6,9 | 12 | | 145 | 3227 | 52,6 | 16• | | 29 | 3247 | 10,9 | 16 |
| 1000 | | 100 | 2178 | 25.3 | 12• | | 20 | 2198 | 4,8 | 12 | | 100 | 3237 | 36,3 | 16• | | 20 | 3237 | 7,5 | 16 |
| 700 | | 70 | 2178 | 17.7 | 12• | | 14 | 2158 | 3,3 | 12 | | 70 | 3237 | 25,4 | 16• | | 14 | 297 | 5,3 | 16 |
| 2000 | 12,5 | 160 | 2188 | 40.1 | 12• | 63 | 32 | 2218 | 8,9 | 12 | 12,5 | 160 | 3128 | 56,9 | 16• | 63 | 32 | 3020 | 10,6 | 16 |
| 1450 | | 116 | 2237 | 29.8 | 12• | | 23 | 2277 | 6,6 | 12 | | 116 | 3208 | 42,3 | 16• | | 23 | 3099 | 7,9 | 16 |
| 1000 | | 80 | 2237 | 20.6 | 12• | | 16 | 2307 | 4,6 | 12 | | 80 | 3208 | 29,2 | 16• | | 16 | 3069 | 5,4 | 16 |
| 700 | | 56 | 2237 | 14.4 | 12• | | 11 | 2287 | 3,2 | 12 | | 56 | 3208 | 20,4 | 16• | | 11 | 3089 | 3,8 | 16 |
| 2000 | 16 | 125 | 2198 | 30.7 | 12• | 80 | 25 | 2099 | 5,9 | 12 | 16 | 125 | 3168 | 44,4 | 16• | 80 | 25 | 3039 | 8,2 | 16 |
| 1450 | | 91 | 2257 | 22.8 | 12• | | 18 | 2158 | 4,4 | 12 | | 91 | 3247 | 33 | 16• | | 18 | 3119 | 6,1 | 16 |
| 1000 | | 62 | 2257 | 15.7 | 12• | | 12,5 | 2129 | 3 | 12 | | 62 | 3247 | 22,8 | 16• | | 12,5 | 3109 | 4,2 | 16 |
| 700 | | 44 | 2257 | 11 | 12• | | 8,7 | 2129 | 2,1 | 12 | | 44 | 3237 | 15,9 | 16 | | 8,7 | 3069 | 2,9 | 16 |
| 2000 | 20 | 100 | 2188 | 24.2 | 12• | 100 | 20 | 2039 | 4,7 | 12 | 20 | 100 | 3208 | 36,3 | 16• | 100 | 20 | 2911 | 6,4 | 16 |
| 1450 | | 72 | 2247 | 18 | 12• | | 14,5 | 2089 | 3,5 | 12 | | 72 | 3297 | 27 | 16• | | 14,5 | 3010 | 4,8 | 16 |
| 1000 | | 50 | 2237 | 12.4 | 12• | | 10 | 2079 | 2,4 | 12 | | 50 | 3287 | 18,6 | 16• | | 10 | 3000 | 3,3 | 16 |
| 700 | | 35 | 2247 | 8.7 | 12• | | 7 | 2109 | 1,7 | 12 | | 35 | 3287 | 13 | 16 | | 7 | 2990 | 2,3 | 16 |
| 2000 | 25 | 80 | 2178 | 20.2 | 12• | | | | | | 25 | 80 | 3059 | 27,1 | 16• | | | | | |
| 1450 | | 58 | 2237 | 15 | 12• | | | | | | | 58 | 3138 | 20,2 | 16• | | | | | |
| 1000 | | 40 | 2237 | 10.3 | 12• | | | | | | | 40 | 3138 | 13,9 | 16 | | | | | |
| 700 | | 28 | 2237 | 7.2 | 12 | | | | | | | 28 | 3158 | 9,8 | 16 | | | | | |

**ATTENTION:**
• Maximum input power at ambient temperature of 30℃ . If a higher input power is required, please ask for forced cooling.
**The indicated PN is the nominal power calculated with factor SF(AGMA)=1. To calculate the maximum transmittable power please consider service factor SF(AGMA) ≥ 1,5. For input speeds higher than 2000 rpm please consult us.**

**请注意：**
• 在室温 30℃时所能承受的最大热功率，若热功率需求大于表列数据，必须选用强制冷却系统。
**上述 PN (额定马力) 的计算方式是在额定转速下，安全系数为 1 做考量，计算最大传输马力时请以安全系数 1.5 做为考量，若入力转速高于 2000 转时，请与本公司联络。**



TRANSCYKO® TEX
TEX-P3 马力及额定扭矩表
TEX-P3 Powers(KW) & Nominal Torque

| $n_1$ rpm | 140 | | | | | | | | | | 160 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW |
| 2000 | 6,3 | 317 | 3097 | 107 | 22• | 31,5 | 63 | 4322 | 30,2 | 22• | 6,3 | 317 | 3891 | 141 | 30• | 31,5 | 63 | 6243 | 45,3 | 30• |
| 1450 | | 230 | 3218 | 80 | 22• | | 46 | 4485 | 22,5 | 22• | | 230 | 4039 | 105 | 30• | | 46 | 6465 | 33,7 | 30• |
| 1000 | | 159 | 3227 | 55,2 | 22• | | 32 | 4475 | 15,5 | 22 | | 159 | 4039 | 72,4 | 30• | | 32 | 6455 | 23,2 | 30 |
| 700 | | 111 | 3218 | 38,6 | 22• | | 22 | 4495 | 10,9 | 22 | | 111 | 4039 | 50,7 | 30• | | 22 | 6475 | 16,3 | 30 |
| 2000 | 8 | 250 | 3851 | 107 | 22• | 40 | 50 | 4406 | 23,8 | 22• | 8 | 250 | 5168 | 141 | 30• | 40 | 50 | 6346 | 35,5 | 30• |
| 1450 | | 181 | 3970 | 80 | 22• | | 36 | 4514 | 17,7 | 22 | | 181 | 5306 | 105 | 30• | | 36 | 6514 | 26,4 | 30 |
| 1000 | | 125 | 3980 | 55,2 | 22• | | 25 | 4514 | 12,2 | 22 | | 125 | 5306 | 72,4 | 30• | | 25 | 6514 | 18,2 | 30 |
| 700 | | 87 | 3970 | 38,6 | 22• | | 17,5 | 4495 | 8,5 | 22 | | 87 | 5306 | 50,7 | 30• | | 17,5 | 6494 | 12,7 | 30 |
| 2000 | 10 | 200 | 4237 | 93,4 | 22• | 50 | 40 | 4168 | 19 | 22 | 10 | 200 | 6306 | 141 | 30• | 50 | 40 | 6376 | 27,8 | 30 |
| 1450 | | 145 | 4346 | 69,5 | 22• | | 29 | 4297 | 14,2 | 22 | | 145 | 6485 | 105 | 30• | | 29 | 6554 | 20,7 | 30 |
| 1000 | | 100 | 4346 | 47,9 | 22• | | 20 | 4307 | 9,8 | 22 | | 100 | 6485 | 72,4 | 30• | | 20 | 6564 | 14,3 | 30 |
| 700 | | 70 | 4356 | 33,6 | 22• | | 14 | 4326 | 6,9 | 22 | | 70 | 6485 | 50,7 | 30• | | 14 | 6554 | 10 | 30 |
| 2000 | 12,5 | 160 | 4326 | 80 | 22• | 63 | 32 | 4227 | 15 | 22 | 12,5 | 160 | 6148 | 113 | 30• | 63 | 32 | 6386 | 23 | 30 |
| 1450 | | 116 | 4465 | 59,8 | 22• | | 23 | 4316 | 11,1 | 22 | | 116 | 6306 | 84 | 30• | | 23 | 6554 | 17,1 | 30 |
| 1000 | | 80 | 4455 | 41,2 | 22• | | 16 | 4346 | 7,7 | 22 | | 80 | 6306 | 57,9 | 30• | | 16 | 6554 | 11,8 | 30 |
| 700 | | 56 | 4465 | 28,9 | 22• | | 11 | 4346 | 5,4 | 22 | | 56 | 6316 | 40,6 | 30• | | 11 | 6584 | 8,3 | 30 |
| 2000 | 16 | 125 | 4455 | 64,4 | 22• | 80 | 25 | 4227 | 11,3 | 22 | 16 | 125 | 6336 | 88,3 | 30• | 80 | 25 | 6257 | 17,6 | 30 |
| 1450 | | 91 | 4574 | 47,9 | 22• | | 18 | 4336 | 8,4 | 22 | | 91 | 6504 | 65,7 | 30• | | 18 | 6425 | 13,1 | 30 |
| 1000 | | 62 | 4574 | 33 | 22• | | 12,5 | 4346 | 5,8 | 22 | | 62 | 6494 | 45,3 | 30• | | 12,5 | 6405 | 9 | 30 |
| 700 | | 44 | 4554 | 23 | 22• | | 8,7 | 4386 | 4,1 | 22 | | 44 | 6494 | 31,7 | 30• | | 8,7 | 6405 | 6,3 | 30 |
| 2000 | 20 | 100 | 4485 | 48,4 | 22• | 100 | 20 | 4217 | 9 | 22 | 20 | 100 | 6465 | 72,6 | 30• | 100 | 20 | 6247 | 13,7 | 30 |
| 1450 | | 72 | 4604 | 36 | 22• | | 14,5 | 4336 | 6,7 | 22 | | 72 | 6633 | 54 | 30• | | 14,5 | 6415 | 10,2 | 30 |
| 1000 | | 50 | 4594 | 24,8 | 22• | | 10 | 4316 | 4,6 | 22 | | 50 | 6623 | 37,2 | 30• | | 10 | 6386 | 7 | 30 |
| 700 | | 35 | 4460 | 17,4 | 22 | | 7 | 4287 | 3,2 | 22 | | 35 | 6613 | 26 | 30 | | 7 | 6386 | 4,9 | 30 |
| 2000 | 25 | 80 | 4336 | 40 | 22• | | | | | | 25 | 80 | 6138 | 54,2 | 30• | | | | | |
| 1450 | | 58 | 4455 | 29,8 | 22• | | | | | | | 58 | 6287 | 40,3 | 30• | | | | | |
| 1000 | | 40 | 4465 | 20,6 | 22 | | | | | | | 40 | 6296 | 27,8 | 30 | | | | | |
| 700 | | 28 | 4465 | 14,4 | 22 | | | | | | | 28 | 6306 | 19,5 | 30 | | | | | |

**ATTENTION:**
• Maximum input power at ambient temperature of 30℃ . If a higher input power is required, please ask for forced cooling.
**The indicated PN is the nominal power calculated with factor SF(AGMA)=1. To calculate the maximum transmittable power please consider service factor SF(AGMA) ≥ 1,5. For input speeds higher than 2000 rpm please consult us.**

**请注意：**
• 在室温 30℃时所能承受的最大热功率，若热功率需求大于表列数据，必须选用强制冷却系统。
**上述 PN (额定马力) 的计算方式是在额定转速下，安全系数为 1 做考量，计算最大传输马力时请以安全系数 1.5 做为考量，若入力转速高于 2000 转时，请与本公司联络。**

| n1 rpm | 180 | | | | | | | | | | 200 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | i | n2 rpm | MN Nm | PN kW | Pt kW | i | n2 rpm | MN Nm | PN kW | Pt kW | i | n2 rpm | MN Nm | PN kW | Pt kW | i | n2 rpm | MN Nm | PN kW | Pt kW |
| 2000 | 6,3 | 317 | 5233 | 193 | 40• | 31,5 | 63 | 9036 | 63,2 | 40• | 6,3 | 317 | 8026 | 292 | 51• | 31,5 | 63 | 12250 | 89 | 51• |
| 1450 | | 230 | 5445 | 144 | 40• | | 46 | 9356 | 47 | 40• | | 230 | 8306 | 217 | 51• | | 46 | 12702 | 66.2 | 51• |
| 1000 | | 159 | 5445 | 99,3 | 40• | | 32 | 9356 | 32,4 | 40 | | 159 | 8306 | 149,7 | 51• | | 32 | 12712 | 15.7 | 51 |
| 700 | | 111 | 5445 | 69,5 | 40• | | 22 | 9365 | 22,7 | 40 | | 111 | 8306 | 104,8 | 51• | | 22 | 12712 | 32 | 51 |
| 2000 | 8 | 250 | 6950 | 193 | 40• | 40 | 50 | 9167 | 48,7 | 40• | 8 | 250 | 10633 | 292 | 51• | 40 | 50 | 12425 | 69.5 | 51• |
| 1450 | | 181 | 7148 | 144 | 40• | | 36 | 9395 | 36,2 | 40 | | 181 | 10890 | 127 | 51• | | 36 | 12751 | 51.7 | 51• |
| 1000 | | 125 | 7148 | 99,3 | 40• | | 25 | 9405 | 25 | 40 | | 125 | 10900 | 149,7 | 51• | | 25 | 12771 | 35.7 | 51 |
| 700 | | 87 | 7148 | 69,5 | 40• | | 17,5 | 9405 | 17,5 | 40 | | 87 | 10900 | 104,8 | 51• | | 17,5 | 12771 | 25 | 51 |
| 2000 | 10 | 200 | 8603 | 190 | 40• | 50 | 40 | 9029 | 37,4 | 40 | 10 | 200 | 12217 | 275 | 51• | 50 | 40 | 12524 | 53.8 | 51• |
| 1450 | | 145 | 8841 | 141,6 | 40• | | 29 | 9257 | 27,8 | 40 | | 145 | 12563 | 205 | 51• | | 29 | 12840 | 40 | 51 |
| 1000 | | 100 | 8841 | 97,7 | 40• | | 20 | 9266 | 19,2 | 40 | | 100 | 12563 | 141,4 | 51• | | 20 | 12850 | 27.6 | 51 |
| 700 | | 70 | 8841 | 68,4 | 40• | | 14 | 9247 | 13,4 | 40 | | 70 | 12573 | 99 | 51• | | 14 | 12840 | 19.3 | 51 |
| 2000 | 12,5 | 160 | 8831 | 161 | 40• | 63 | 32 | 8781 | 31 | 40 | 12,5 | 160 | 12276 | 211 | 51• | 63 | 32 | 12533 | 44.5 | 51 |
| 1450 | | 116 | 9078 | 120 | 40• | | 23 | 9029 | 23,1 | 40 | | 116 | 12583 | 156,8 | 51• | | 23 | 12821 | 33 | 51 |
| 1000 | | 80 | 9078 | 82,8 | 40• | | 16 | 9009 | 15,9 | 40 | | 80 | 12563 | 108 | 51• | | 16 | 12840 | 22.8 | 51 |
| 700 | | 56 | 9068 | 57,9 | 40• | | 11 | 9068 | 11,2 | 40 | | 56 | 12583 | 75,7 | 51• | | 11 | 12870 | 16 | 51 |
| 2000 | 16 | 125 | 9108 | 123 | 40• | 80 | 25 | 8613 | 23,5 | 40 | 16 | 125 | 12286 | 173 | 51• | 80 | 25 | 12385 | 35 | 51 |
| 1450 | | 91 | 9346 | 91,5 | 40• | | 18 | 8841 | 17,5 | 40 | | 91 | 12632 | 129 | 51• | | 18 | 12682 | 26 | 51 |
| 1000 | | 62 | 9326 | 63 | 40• | | 12,5 | 8870 | 12,1 | 40 | | 62 | 12642 | 89 | 51• | | 12,5 | 12662 | 17.9 | 51 |
| 700 | | 44 | 9346 | 44,2 | 40• | | 8,7 | 8791 | 8,4 | 40 | | 44 | 12642 | 62,3 | 51• | | 8,7 | 12731 | 12.6 | 51 |
| 2000 | 20 | 100 | 8821 | 102 | 40• | 100 | 20 | 8623 | 19,5 | 40 | 20 | 100 | 12514 | 140 | 51• | 100 | 20 | 12078 | 28 | 51 |
| 1450 | | 72 | 9029 | 75,7 | 40• | | 14,5 | 8841 | 14,5 | 40 | | 72 | 12821 | 104 | 51• | | 14,5 | 12395 | 20.8 | 51 |
| 1000 | | 50 | 9029 | 52,2 | 40• | | 10 | 8841 | 10 | 40 | | 50 | 12821 | 71,7 | 51• | | 10 | 12355 | 14.3 | 51 |
| 700 | | 35 | 9019 | 36,5 | 40 | | 7 | 8841 | 7 | 40 | | 35 | 12821 | 50,2 | 51 | | 7 | 12434 | 10 | 51 |
| 2000 | 25 | 80 | 8870 | 77 | 40• | | | | | | 25 | 80 | 12019 | 107 | 51• | | | | | |
| 1450 | | 58 | 9108 | 57,3 | 40• | | | | | | | 58 | 12345 | 79,7 | 51• | | | | | |
| 1000 | | 40 | 9098 | 39,5 | 40 | | | | | | | 40 | 12355 | 55 | 51• | | | | | |
| 700 | | 28 | 9118 | 27,7 | 40 | | | | | | | 28 | 12355 | 38,5 | 51 | | | | | |

**ATTENTION:**
• Maximum input power at ambient temperature of 30℃ . If a higher input power is required, please ask for forced cooling.
**The indicated PN is the nominal power calculated with factor SF(AGMA)=1. To calculate the maximum transmittable power please consider service factor SF(AGMA) ≥ 1,5. For input speeds higher than 2000 rpm please consult us.**

**请注意:**
• 在室温 30℃时所能承受的最大热功率，若热功率需求大于表列数据，必须选用强制冷却系统。
**上述 PN (额定马力) 的计算方式是在额定转速下，安全系数为 1 做考量，计算最大传输马力时请以安全系数 1.5 做为考量，若入力转速高于 2000 转时，请与本公司联络。**



TRANSCYKO® TEX
TEX-P3 马力及额定扭矩表
TEX-P3 Powers(KW) & Nominal Torque

| n1 rpm | 225 | | | | | | | | | | 250 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | i | n2 rpm | MN Nm | PN kW | Pt kW | i | n2 rpm | MN Nm | PN kW | Pt kW | i | n2 rpm | MN Nm | PN kW | Pt kW | i | n2 rpm | MN Nm | PN kW | Pt kW |
| 2000 | 6,3 | 317 | 11427 | 400 | 67• | 31,5 | 63 | 16846 | 118 | 67• | 6,3 | 317 | 16209 | 587 | 85• | 31,5 | 63 | 23422 | 170 | 85• |
| 1450 | | 230 | 11740 | 298 | 67• | | 46 | 17483 | 87,9 | 67• | | 230 | 16640 | 437 | 85• | | 46 | 24265 | 126,4 | 85• |
| 1000 | | 159 | 11711 | 205 | 67• | | 32 | 17483 | 60,6 | 67 | | 159 | 16621 | 301 | 85• | | 32 | 24275 | 87,2 | 85• |
| 700 | | 111 | 11760 | 144 | 67• | | 22 | 17474 | 42,4 | 67 | | 111 | 16650 | 211 | 85• | | 22 | 24255 | 61 | 85 |
| 2000 | 8 | 250 | 14078 | 400 | 67• | 40 | 50 | 17137 | 92,5 | 67• | 8 | 250 | 21721 | 587 | 85• | 40 | 50 | 23750 | 133 | 85• |
| 1450 | | 181 | 14464 | 298 | 67• | | 36 | 17582 | 68,8 | 67• | | 181 | 22295 | 437 | 85• | | 36 | 24433 | 99,2 | 85• |
| 1000 | | 125 | 14424 | 205 | 67• | | 25 | 17563 | 47,4 | 67 | | 125 | 22275 | 301 | 85• | | 25 | 24423 | 68,4 | 85 |
| 700 | | 87 | 14474 | 144 | 67• | | 17,5 | 17573 | 33,2 | 67 | | 87 | 22305 | 211 | 85• | | 17,5 | 24433 | 47,9 | 85 |
| 2000 | 10 | 200 | 16355 | 374 | 67• | 50 | 40 | 17464 | 78 | 67• | 10 | 200 | 23344 | 524 | 85• | 50 | 40 | 23948 | 111 | 85• |
| 1450 | | 145 | 16771 | 278 | 67• | | 29 | 17978 | 58,2 | 67 | | 145 | 23958 | 390 | 85• | | 29 | 24552 | 82,5 | 85 |
| 1000 | | 100 | 16771 | 191,7 | 67• | | 20 | 17909 | 40 | 67 | | 100 | 23968 | 269 | 85• | | 20 | 24552 | 56,9 | 85 |
| 700 | | 70 | 16741 | 134 | 67• | | 14 | 17909 | 28 | 67 | | 70 | 23928 | 188 | 85• | | 14 | 24532 | 39,8 | 85 |
| 2000 | 12,5 | 160 | 16860 | 297 | 67• | 63 | 32 | 17216 | 59 | 67 | 12,5 | 160 | 23245 | 423 | 85• | 63 | 32 | 22968 | 80,7 | 85 |
| 1450 | | 116 | 17295 | 221 | 67• | | 23 | 17711 | 44 | 67 | | 116 | 23879 | 315 | 85• | | 23 | 23552 | 60 | 85 |
| 1000 | | 80 | 17295 | 152,4 | 67• | | 16 | 17691 | 30,3 | 67 | | 80 | 23859 | 217 | 85• | | 16 | 23562 | 41,4 | 85 |
| 700 | | 56 | 17305 | 106,7 | 67• | | 11 | 17681 | 21,2 | 67 | | 56 | 23869 | 152 | 85• | | 11 | 23582 | 29 | 85 |
| 2000 | 16 | 125 | 16979 | 231 | 67• | 80 | 25 | 16919 | 47 | 67 | 16 | 125 | 23582 | 331 | 85• | 80 | 25 | 23117 | 62,4 | 85 |
| 1450 | | 91 | 17434 | 172 | 67• | | 18 | 17375 | 35 | 67 | | 91 | 24176 | 246 | 85• | | 18 | 23711 | 46,4 | 85 |
| 1000 | | 62 | 17434 | 118,6 | 67• | | 12,5 | 17424 | 24,2 | 67 | | 62 | 24186 | 169,7 | 85• | | 12,5 | 23711 | 32 | 85 |
| 700 | | 44 | 17424 | 83 | 67• | | 8,7 | 17384 | 16,9 | 67 | | 44 | 24186 | 118,8 | 85• | | 8,7 | 23711 | 22,4 | 85 |
| 2000 | 20 | 100 | 16909 | 182 | 67• | 100 | 20 | 16533 | 37 | 67 | 20 | 100 | 23958 | 271 | 85• | 100 | 20 | 22542 | 48,8 | 85 |
| 1450 | | 72 | 17365 | 135,5 | 67• | | 14,5 | 17008 | 27,6 | 67 | | 72 | 24631 | 202 | 85• | | 14,5 | 23126 | 36,3 | 85 |
| 1000 | | 50 | 17355 | 93,4 | 67• | | 10 | 16979 | 19 | 67 | | 50 | 24582 | 139 | 85• | | 10 | 23097 | 25 | 85 |
| 700 | | 35 | 17365 | 65,4 | 67 | | 7 | 16979 | 13,3 | 67 | | 35 | 24631 | 97,5 | 85• | | 7 | 23097 | 17,5 | 85 |
| 2000 | 25 | 80 | 16919 | 146,5 | 67• | | | | | | 25 | 80 | 23008 | 204 | 85• | | | | | |
| 1450 | | 58 | 17365 | 109 | 67• | | | | | | | 58 | 23651 | 152 | 85• | | | | | |
| 1000 | | 40 | 17375 | 75,2 | 67• | | | | | | | 40 | 23641 | 104,8 | 85• | | | | | |
| 700 | | 28 | 17365 | 52,6 | 67 | | | | | | | 28 | 23661 | 73,4 | 85 | | | | | |

**ATTENTION:**
• Maximum input power at ambient temperature of 30℃ . If a higher input power is required, please ask for forced cooling.
**The indicated PN is the nominal power calculated with factor SF(AGMA)=1. To calculate the maximum transmittable power please consider service factor SF(AGMA) ≥ 1,5. For input speeds higher than 2000 rpm please consult us.**

**请注意:**
• 在室温 30℃时所能承受的最大热功率，若热功率需求大于表列数据，必须选用强制冷却系统。
**上述 PN (额定马力) 的计算方式是在额定转速下，安全系数为 1 做考量，计算最大传输马力时请以安全系数 1.5 做为考量，若入力转速高于 2000 转时，请与本公司联络。**

| $n_1$ rpm | 280 | | | | | | 320 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW |
| 2000 | 6,3 | 317 | 23148 | 801 | 108• | 31,5 | 63 | 33310 | 233 | 108• | 6,3 | 317 | 29096 | 1055 | 139• | 31,5 | 63 | 48755 | 354 | 139• |
| 1450 | | 230 | 23755 | 596 | 108• | | 46 | 34541 | 173,4 | 108• | | 230 | 29870 | 785 | 139• | | 46 | 50470 | 263 | 139• |
| 1000 | | 159 | 23755 | 411 | 108• | | 32 | 34551 | 119,6 | 108• | | 159 | 29841 | 541 | 139• | | 32 | 50470 | 181.4 | 139• |
| 700 | | 111 | 23755 | 287.7 | 108• | | 22 | 34541 | 83,7 | 108 | | 111 | 29870 | 379 | 139• | | 22 | 50480 | 127 | 139 |
| 2000 | 8 | 250 | 28839 | 801 | 108• | 40 | 50 | 33898 | 183,3 | 108• | 8 | 250 | 38679 | 1055 | 139• | 40 | 50 | 49550 | 277 | 139• |
| 1450 | | 181 | 29601 | 596 | 108• | | 36 | 34769 | 136,3 | 108• | | 181 | 39699 | 785 | 139• | | 36 | 50827 | 206 | 139• |
| 1000 | | 125 | 29601 | 411 | 108• | | 25 | 34769 | 94 | 108 | | 125 | 39669 | 541 | 139• | | 25 | 50797 | 142 | 139• |
| 700 | | 87 | 29601 | 287.7 | 108• | | 17.5 | 34769 | 65,8 | 108 | | 87 | 39699 | 379 | 139• | | 17,5 | 50797 | 99.4 | 139 |
| 2000 | 10 | 200 | 32215 | 710 | 108• | 50 | 40 | 34066 | 152,6 | 108• | 10 | 200 | 47223 | 1055 | 139• | 50 | 40 | 49797 | 217 | 139• |
| 1450 | | 145 | 33046 | 528 | 108• | | 29 | 34947 | 113,5 | 108• | | 145 | 48461 | 785 | 139• | | 29 | 51223 | 161.8 | 139• |
| 1000 | | 100 | 33036 | 364 | 108• | | 20 | 34957 | 78,3 | 108 | | 100 | 48431 | 541 | 139• | | 20 | 51223 | 111.6 | 139 |
| 700 | | 70 | 33046 | 254.9 | 108• | | 14 | 34947 | 54,8 | 108 | | 70 | 48470 | 379 | 139• | | 14 | 51143 | 78 | 139 |
| 2000 | 12,5 | 160 | 33116 | 612 | 108• | 63 | 32 | 34224 | 119,4 | 108• | 12,5 | 160 | 49312 | 906 | 139• | 63 | 32 | 49975 | 180 | 139• |
| 1450 | | 116 | 33957 | 455 | 108• | | 23 | 35115 | 88,8 | 108 | | 116 | 50599 | 674 | 139• | | 23 | 51401 | 134.2 | 139 |
| 1000 | | 80 | 33957 | 313.8 | 108• | | 16 | 35086 | 61,2 | 108 | | 80 | 50599 | 464,8 | 139• | | 16 | 51421 | 92.6 | 139 |
| 700 | | 56 | 33967 | 219.7 | 108• | | 11 | 35135 | 42,9 | 108 | | 56 | 50599 | 325,4 | 139• | | 11 | 51411 | 64.8 | 139 |
| 2000 | 16 | 125 | 33521 | 465 | 108• | 80 | 25 | 33541 | 89 | 108 | 16 | 125 | 49064 | 684 | 139• | 80 | 25 | 49104 | 134 | 139 |
| 1450 | | 91 | 34403 | 346 | 108• | | 18 | 34462 | 66,3 | 108 | | 91 | 50361 | 509 | 139• | | 18 | 50540 | 100 | 139 |
| 1000 | | 62 | 34403 | 238.6 | 108• | | 12,5 | 34442 | 45,7 | 108 | | 62 | 50351 | 351 | 139• | | 12,5 | 50569 | 69 | 139 |
| 700 | | 44 | 34393 | 167 | 108• | | 8,7 | 34452 | 32 | 108 | | 44 | 50351 | 245,7 | 139• | | 8,7 | 50569 | 48.3 | 139 |
| 2000 | 20 | 100 | 34373 | 371 | 108• | 100 | 20 | 32848 | 72,6 | 108 | 20 | 100 | 50233 | 564 | 139• | 100 | 20 | 46481 | 106 | 139 |
| 1450 | | 72 | 35274 | 276 | 108• | | 14,5 | 33700 | 54 | 108 | | 72 | 51599 | 420 | 139• | | 14,5 | 47659 | 78.8 | 139 |
| 1000 | | 50 | 35264 | 190.3 | 108• | | 10 | 33670 | 37,2 | 108 | | 50 | 51599 | 289,7 | 139• | | 10 | 47619 | 54.3 | 139 |
| 700 | | 35 | 35264 | 133.2 | 108• | | 7 | 33611 | 26 | 108 | | 35 | 51609 | 202,8 | 139• | | 7 | 47609 | 38 | 139 |
| 2000 | 25 | 80 | 33393 | 308 | 108• | | | | | | 25 | 80 | 50045 | 437 | 139• | | | | | |
| 1450 | | 58 | 34244 | 229 | 108• | | | | | | | 58 | 51332 | 325 | 139• | | | | | |
| 1000 | | 40 | 34234 | 157.9 | 108• | | | | | | | 40 | 51302 | 224 | 139• | | | | | |
| 700 | | 28 | 34264 | 110.6 | 108• | | | | | | | 28 | 51332 | 156,9 | 139• | | | | | |

**ATTENTION:**
• Maximum input power at ambient temperature of 30℃ . If a higher input power is required, please ask for forced cooling.
**The indicated PN is the nominal power calculated with factor SF(AGMA)=1. To calculate the maximum transmittable power please consider service factor SF(AGMA) ≥ 1,5. For input speeds higher than 2000 rpm please consult us.**

**请注意：**
• 在室温 30℃时所能承受的最大热功率，若热功率需求大于表列数据，必须选用强制冷却系统。
**上述 PN (额定马力) 的计算方式是在额定转速下，安全系数为 1 做考量，计算最大传输马力时请以安全系数 1.5 做为考量，若入力转速高于 2000 转时，请与本公司联络。**



TRANSCYKO® TEX
TEX-P3 马力及额定扭矩表
TEX-P3 Powers(KW) & Nominal Torque

| $n_1$ rpm | 360 | | | | | | 400 | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW |
| 2000 | 6,3 | 317 | 39602 | 1460 | 170• | 31,5 | 63 | 70462 | 493 | 170• | 6,3 | 317 | 59584 | 2160 | 211• | 31,5 | 63 | 97079 | 672 | 211• |
| 1450 | | 230 | 40631 | 1086 | 170• | | 46 | 73082 | 367 | 170• | | 230 | 61103 | 1606 | 211• | | 46 | 100653 | 500 | 211• |
| 1000 | | 159 | 40631 | 749 | 170• | | 32 | 73052 | 253 | 170• | | 159 | 61074 | 1107 | 211• | | 32 | 100406 | 344 | 211• |
| 700 | | 111 | 40611 | 524 | 170• | | 22 | 73013 | 177 | 170• | | 111 | 61074 | 775 | 211• | | 22 | 100495 | 241 | 211• |
| 2000 | 8 | 250 | 52549 | 1460 | 170• | 40 | 50 | 71874 | 382 | 170• | 8 | 250 | 75002 | 2160 | 211• | 40 | 50 | 100505 | 583 | 211• |
| 1450 | | 181 | 53915 | 1086 | 170• | | 36 | 73706 | 284 | 170• | | 181 | 76923 | 1606 | 211• | | 36 | 103198 | 434 | 211• |
| 1000 | | 125 | 53915 | 749 | 170• | | 25 | 73715 | 195,9 | 170• | | 125 | 76883 | 1107 | 211• | | 25 | 103089 | 299 | 211• |
| 700 | | 87 | 53886 | 524 | 170• | | 17,5 | 73646 | 137 | 170 | | 87 | 76893 | 775 | 211• | | 17,5 | 102940 | 209 | 211 |
| 2000 | 10 | 200 | 66073 | 1460 | 170• | 50 | 40 | 70726 | 293 | 170• | 10 | 200 | 97000 | 2116 | 211• | 50 | 40 | 93892 | 417 | 211• |
| 1450 | | 145 | 67795 | 1086 | 170• | | 29 | 72587 | 218 | 170• | | 145 | 99525 | 1574 | 211• | | 29 | 96278 | 310 | 211• |
| 1000 | | 100 | 67795 | 749 | 170• | | 20 | 72567 | 150,3 | 170 | | 100 | 99475 | 1085 | 211• | | 20 | 95921 | 213 | 211• |
| 700 | | 70 | 67756 | 521 | 170• | | 14 | 72557 | 105,2 | 170 | | 70 | 99535 | 760 | 211• | | 14 | 95862 | 149 | 211 |
| 2000 | 12,5 | 160 | 68647 | 1252 | 170• | 63 | 32 | 69419 | 245 | 170• | 12,5 | 160 | 97852 | 1722 | 211• | 63 | 32 | 99594 | 337 | 211• |
| 1450 | | 116 | 70409 | 931 | 170• | | 23 | 71132 | 182 | 170• | | 116 | 100396 | 1281 | 211• | | 23 | 102317 | 251 | 211• |
| 1000 | | 80 | 70409 | 642 | 170• | | 16 | 71122 | 125,5 | 170 | | 80 | 100346 | 883 | 211• | | 16 | 102257 | 173 | 211 |
| 700 | | 56 | 70688 | 449 | 170• | | 11 | 71161 | 87,9 | 170 | | 56 | 100337 | 618 | 211• | | 11 | 102168 | 121 | 211 |
| 2000 | 16 | 125 | 70775 | 956 | 170• | 80 | 25 | 69835 | 189 | 170• | 16 | 125 | 97505 | 1320 | 211• | 80 | 25 | 94694 | 267 | 211• |
| 1450 | | 91 | 72607 | 711 | 170• | | 18 | 71656 | 140,6 | 170 | | 91 | 100059 | 9820 | 211• | | 18 | 97347 | 199 | 211 |
| 1000 | | 62 | 72557 | 490 | 170• | | 12,5 | 71686 | 97 | 170 | | 62 | 100020 | 677 | 211• | | 12,5 | 97169 | 137 | 211 |
| 700 | | 44 | 72557 | 343 | 170• | | 8,7 | 71686 | 67,9 | 170 | | 44 | 100040 | 474 | 211• | | 8,7 | 97268 | 96 | 211 |
| 2000 | 20 | 100 | 68508 | 792 | 170• | 100 | 20 | 68092 | 154 | 170 | 20 | 100 | 100069 | 1085 | 211• | 100 | 20 | 98188 | 215 | 211• |
| 1450 | | 72 | 70270 | 589 | 170• | | 14,5 | 69825 | 114,5 | 170 | | 72 | 102653 | 807 | 211• | | 14,5 | 100782 | 160 | 211 |
| 1000 | | 50 | 70231 | 406 | 170• | | 10 | 69854 | 79 | 170 | | 50 | 102554 | 556 | 211• | | 10 | 100465 | 110 | 211 |
| 700 | | 35 | 70181 | 284 | 170• | | 7 | 69854 | 55,3 | 170 | | 35 | 102505 | 389 | 211• | | 7 | 100465 | 77 | 211 |
| 2000 | 25 | 80 | 69251 | 601 | 170• | | | | | | 25 | 80 | 96901 | 890 | 211• | | | | | |
| 1450 | | 58 | 71042 | 447 | 170• | | | | | | | 58 | 99416 | 662 | 211• | | | | | |
| 1000 | | 40 | 70983 | 308 | 170• | | | | | | | 40 | 99297 | 456 | 211• | | | | | |
| 700 | | 28 | 71042 | 215.8 | 170• | | | | | | | 28 | 99238 | 319 | 211• | | | | | |

**ATTENTION:**
• Maximum input power at ambient temperature of 30℃ . If a higher input power is required, please ask for forced cooling.
**The indicated PN is the nominal power calculated with factor SF(AGMA)=1. To calculate the maximum transmittable power please consider service factor SF(AGMA) ≥ 1,5. For input speeds higher than 2000 rpm please consult us.**

**请注意：**
• 在室温 30℃时所能承受的最大热功率，若热功率需求大于表列数据，必须选用强制冷却系统。
**上述 PN (额定马力) 的计算方式是在额定转速下，安全系数为 1 做考量，计算最大传输马力时请以安全系数 1.5 做为考量，若入力转速高于 2000 转时，请与本公司联络。**

| $n_1$ rpm | 450 | | | | | | | | | | 500 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW |
| 2000 | 6,3 | 317 | 80337 | 2839 | 274• | 31,5 | 63 | 145472 | 1000 | 274• | 6,3 | 317 | 121807 | 4190 | 345• | 31,5 | 63 | 197804 | 1364 | 345• |
| 1450 | | 230 | 81977 | 2100 | 274• | | 46 | 149955 | 740 | 274• | | 230 | 124293 | 3100 | 345• | | 46 | 203900 | 1009 | 345• |
| 1000 | | 159 | 81977 | 1448 | 274• | | 32 | 149955 | 510 | 274• | | 159 | 124293 | 2138 | 345• | | 32 | 203900 | 696 | 345• |
| 700 | | 111 | 81977 | 1014 | 274• | | 22 | 149955 | 357 | 274• | | 111 | 124293 | 1497 | 345• | | 22 | 203900 | 487 | 345• |
| 2000 | 8 | 250 | 109920 | 2839 | 274• | 40 | 50 | 148188 | 785 | 274• | 8 | 250 | 163198 | 4190 | 345• | 40 | 50 | 201501 | 1072 | 345• |
| 1450 | | 181 | 110217 | 2100 | 274• | | 36 | 151213 | 581 | 274• | | 181 | 166528 | 3100 | 345• | | 36 | 205613 | 793 | 345• |
| 1000 | | 125 | 110217 | 1448 | 274• | | 25 | 151213 | 401 | 274• | | 125 | 166528 | 2318 | 345• | | 25 | 205613 | 547 | 345• |
| 700 | | 87 | 110217 | 1014 | 274• | | 17,5 | 151213 | 281 | 274• | | 87 | 166528 | 1497 | 345• | | 17,5 | 205613 | 383 | 345• |
| 2000 | 10 | 200 | 130181 | 2839 | 274• | 50 | 40 | 149238 | 607 | 274• | 10 | 200 | 193254 | 4121 | 345• | 50 | 40 | 199162 | 810 | 345• |
| 1450 | | 145 | 132838 | 2100 | 274• | | 29 | 152282 | 449 | 274• | | 145 | 197198 | 3049 | 345• | | 29 | 203227 | 599 | 345• |
| 1000 | | 100 | 132838 | 1448 | 274• | | 20 | 152282 | 310 | 274• | | 100 | 197198 | 2103 | 345• | | 20 | 203227 | 413 | 345• |
| 700 | | 70 | 132838 | 1014 | 274• | | 14 | 152282 | 217 | 274 | | 70 | 197198 | 1472 | 345• | | 14 | 203227 | 289 | 345 |
| 2000 | 12,5 | 160 | 140359 | 2287 | 274• | 63 | 32 | 149896 | 504 | 274• | 12,5 | 160 | 188122 | 3187 | 345• | 63 | 32 | 195427 | 678 | 345• |
| 1450 | | 116 | 143223 | 1692 | 274• | | 23 | 152955 | 373 | 274• | | 116 | 191961 | 2358 | 345• | | 23 | 199416 | 502 | 345• |
| 1000 | | 80 | 44223 | 1167 | 274• | | 16 | 152955 | 257 | 274 | | 80 | 191961 | 1626 | 345• | | 16 | 199416 | 346 | 345• |
| 700 | | 56 | 143223 | 817 | 274• | | 11 | 152955 | 180 | 274 | | 56 | 191961 | 1138 | 345• | | 11 | 199416 | 242 | 345 |
| 2000 | 16 | 125 | 145676 | 1951 | 274• | 80 | 25 | 147636 | 385 | 274• | 16 | 125 | 197504 | 2633 | 345• | 80 | 25 | 197164 | 505 | 345• |
| 1450 | | 91 | 148649 | 1443 | 274• | | 18 | 150648 | 285 | 274• | | 91 | 201534 | 1948 | 345• | | 18 | 201188 | 374 | 345• |
| 1000 | | 62 | 148649 | 995 | 274• | | 12,5 | 150648 | 197 | 274 | | 62 | 201534 | 1343 | 345• | | 12,5 | 201188 | 258 | 345 |
| 700 | | 44 | 148649 | 697 | 274• | | 8,7 | 150648 | 138 | 274 | | 44 | 201534 | 940 | 345• | | 8,7 | 201188 | 181 | 345 |
| 2000 | 20 | 100 | 149168 | 1614 | 274• | 100 | 20 | 144501 | 303 | 274• | 20 | 100 | 187821 | 1971 | 345• | 100 | 20 | 192187 | 401 | 345• |
| 1450 | | 72 | 152213 | 1193 | 274• | | 14,5 | 147451 | 224 | 274 | | 72 | 191654 | 1458 | 345• | | 14,5 | 196109 | 297 | 345 |
| 1000 | | 50 | 152213 | 823 | 274• | | 10 | 147451 | 155 | 274 | | 50 | 191654 | 1005 | 345• | | 10 | 196109 | 205 | 345 |
| 700 | | 35 | 152213 | 576 | 274• | | 7 | 147451 | 108 | 274 | | 35 | 191654 | 704 | 345• | | 7 | 196109 | 143 | 345 |
| 2000 | 25 | 80 | 142357 | 1208 | 274• | | | | | | 25 | 80 | 194380 | 1637 | 345• | | | | | |
| 1450 | | 58 | 145263 | 894 | 274• | | | | | | | 58 | 198347 | 1211 | 345• | | | | | |
| 1000 | | 40 | 145263 | 617 | 274• | | | | | | | 40 | 198347 | 835 | 345• | | | | | |
| 700 | | 28 | 145263 | 432 | 274• | | | | | | | 28 | 198347 | 585 | 345• | | | | | |

**ATTENTION:**
• Maximum input power at ambient temperature of 30℃ . If a higher input power is required, please ask for forced cooling.
**The indicated PN is the nominal power calculated with factor SF(AGMA)=1. To calculate the maximum transmittable power please consider service factor SF(AGMA) ≥ 1,5. For input speeds higher than 2000 rpm please consult us.**

**请注意:**
• 在室温 30℃时所能承受的最大热功率, 若热功率需求大于表列数据, 必须选用强制冷却系统。
**上述 PN (额定马力) 的计算方式是在额定转速下, 安全系数为 1 做考量, 计算最大传输马力时请以安全系数 1.5 做为考量, 若入力转速高于 2000 转时, 请与本公司联络。**

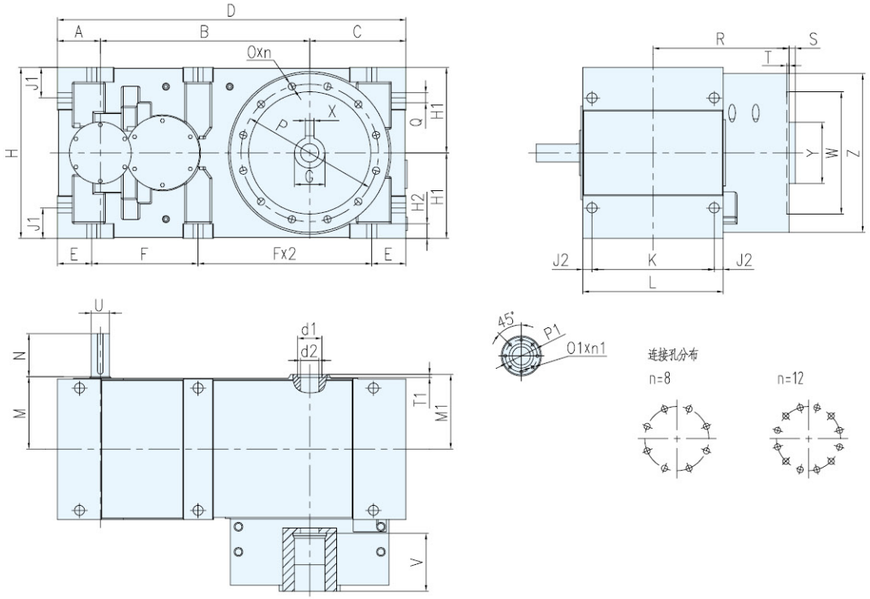


TRANSCYKO® TEX
TEX-P3 马力及额定扭矩表
TEX-P3 Powers(KW) & Nominal Torque

| $n_1$ rpm | 560 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | i | $n_2$ rpm | MN Nm | PN kW | Pt kW | i | $n_2$ rpm | MN Nm | PN kW | Pt kW |
| 2000 | 6,3 | 317 | 193604 | 6365 | 448• | 31,5 | 63 | 291726 | 1930 | 448• |
| 1450 | | 230 | 197638 | 4710 | 448• | | 46 | 300717 | 1428 | 448• |
| 1000 | | 159 | 197638 | 3248 | 448• | | 32 | 300717 | 985 | 448• |
| 700 | | 111 | 197638 | 2274 | 448• | | 22 | 300717 | 689 | 448• |
| 2000 | 8 | 250 | 241313 | 6365 | 448• | 40 | 50 | 303059 | 1557 | 448• |
| 1450 | | 181 | 246256 | 4710 | 448• | | 36 | 309243 | 1152 | 448• |
| 1000 | | 125 | 246256 | 3248 | 448• | | 25 | 309243 | 794 | 448• |
| 700 | | 87 | 246256 | 2274 | 448• | | 17,5 | 309243 | 556 | 448• |
| 2000 | 10 | 200 | 287590 | 5872 | 448• | 50 | 40 | 285132 | 1139 | 448• |
| 1450 | | 145 | 293460 | 4345 | 448• | | 29 | 290951 | 843 | 448• |
| 1000 | | 100 | 293460 | 2997 | 448• | | 20 | 290951 | 581 | 448• |
| 700 | | 70 | 293460 | 2098 | 448• | | 14 | 290951 | 407 | 448 |
| 2000 | 12,5 | 160 | 287039 | 5037,84 | 448• | 63 | 32 | 294539 | 988 | 448• |
| 1450 | | 116 | 292896 | 3728 | 448• | | 23 | 300550 | 731 | 448• |
| 1000 | | 80 | 292896 | 2571 | 448• | | 16 | 300550 | 504 | 448• |
| 700 | | 56 | 292896 | 1800 | 448• | | 11 | 300550 | 353 | 448 |
| 2000 | 16 | 125 | 296452 | 3793 | 448• | 80 | 25 | 288786 | 735 | 448• |
| 1450 | | 91 | 302501 | 2807 | 448• | | 18 | 294679 | 544 | 448• |
| 1000 | | 62 | 302501 | 1936 | 448• | | 12,5 | 294679 | 375 | 448 |
| 700 | | 44 | 302501 | 1355 | 448• | | 8,7 | 294679 | 263 | 448 |
| 2000 | 20 | 100 | 288402 | 3154 | 448• | 100 | 20 | 273348 | 564 | 448• |
| 1450 | | 72 | 294287 | 2334 | 448• | | 14,5 | 278927 | 417 | 448 |
| 1000 | | 50 | 294287 | 1610 | 448• | | 10 | 278927 | 288 | 448 |
| 700 | | 35 | 294287 | 1127 | 448• | | 7 | 278927 | 201 | 448 |
| 2000 | 25 | 80 | 300832 | 2482 | 448• | | | | | |
| 1450 | | 58 | 306972 | 1837 | 448• | | | | | |
| 1000 | | 40 | 306972 | 1267 | 448• | | | | | |
| 700 | | 28 | 306972 | 887 | 448• | | | | | |

**ATTENTION:**
• Maximum input power at ambient temperature of 30. If a higher input power is required, please ask for forced cooling.
**The indicated PN is the nominal power calculated with factor SF(AGMA)=1. To calculate the maximum transmittable power please consider service factor SF(AGMA) ≥ 1,5. For input speeds higher than 2000 rpm please consult us.**

**请注意:**
• 在室温 30℃时所能承受的最大热功率, 若热功率需求大于表列数据, 必须选用强制冷却系统。
**上述 PN (额定马力) 的计算方式是在额定转速下, 安全系数为 1 做考量, 计算最大传输马力时请以安全系数 1.5 做为考量, 若入力转速高于 2000 转时, 请与本公司联络。**




| Size/ 型号 | A | B | C | D | d1 | d2 | E | F | G H7 | H | H1 H10 | H2 | J1 | J2 | M | M1 | P | P1 | S | T1 | V |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **112** | 63 | 273 | 125 | 461 | 22 | 19 | 46 | 123 | 32 | 224 | 112 | 16 | 42 | 18 | 106 | 106 | 170 | 35 | 8 | 8 | 90 |
| **125** | 63 | 305 | 140 | 508 | 28 | 24 | 50 | 136 | 38 | 250 | 125 | 17 | 45 | 17 | 114 | 113 | 205 | 42 | 8 | 8 | 100 |
| **140** | 70 | 342 | 160 | 572 | 30 | 27 | 56.5 | 153 | 42 | 280 | 140 | 18 | 48 | 18 | 125 | 124 | 230 | 45 | 8 | 10 | 110 |
| **160** | 80 | 385 | 180 | 645 | 32 | 29 | 63 | 173 | 50 | 320 | 160 | 21 | 50 | 20,5 | 142 | 140 | 260 | 50 | 17 | 10 | 130 |
| **180** | 90 | 432 | 200 | 722 | 40 | 34 | 70 | 194 | 60 | 360 | 180 | 25 | 60 | 23 | 158 | 157 | 300 | 62 | 17 | 10 | 140 |
| **200** | 100 | 485 | 225 | 810 | 50 | 44 | 81 | 216 | 70 | 400 | 200 | 31 | 70 | 25 | 176 | 180 | 330 | 72 | 18 | 10 | 150 |
| **225** | 112 | 545 | 250 | 907 | 60 | 55 | 90,5 | 242 | 80 | 450 | 225 | 36 | 80 | 22,5 | 192 | 193 | 350 | 82 | 18 | 10 | 160 |
| **250** | 125 | 610 | 280 | 1015 | 70 | 55 | 101 | 271 | 90 | 500 | 250 | 40 | 90 | 26 | 216 | 217 | 400 | 95 | 20 | 10 | 170 |
| **280** | 140 | 685 | 315 | 1140 | 80 | 60 | 112,5 | 305 | 100 | 560 | 280 | 48 | 100 | 30 | 242 | 245 | 450 | 105 | 20 | 10 | 190 |
| **320** | 160 | 770 | 355 | 1285 | 90 | 60 | 125 | 345 | 110 | 630 | 315 | 54 | 112 | 35 | 273 | 275 | 500 | 115 | 20 | 10 | 200 |
| **360** | 180 | 865 | 400 | 1445 | 100 | 80 | 140,5 | 388 | 125 | 710 | 355 | 55 | 125 | 40 | 302 | 307 | 600 | 140 | 24 | 10 | 210 |
| **400** | 200 | 970 | 450 | 1620 | 110 | 80 | 160,5 | 433 | 140 | 800 | 400 | 60 | 140 | 45 | 340 | 345 | 680 | 150 | 24 | 10 | 220 |

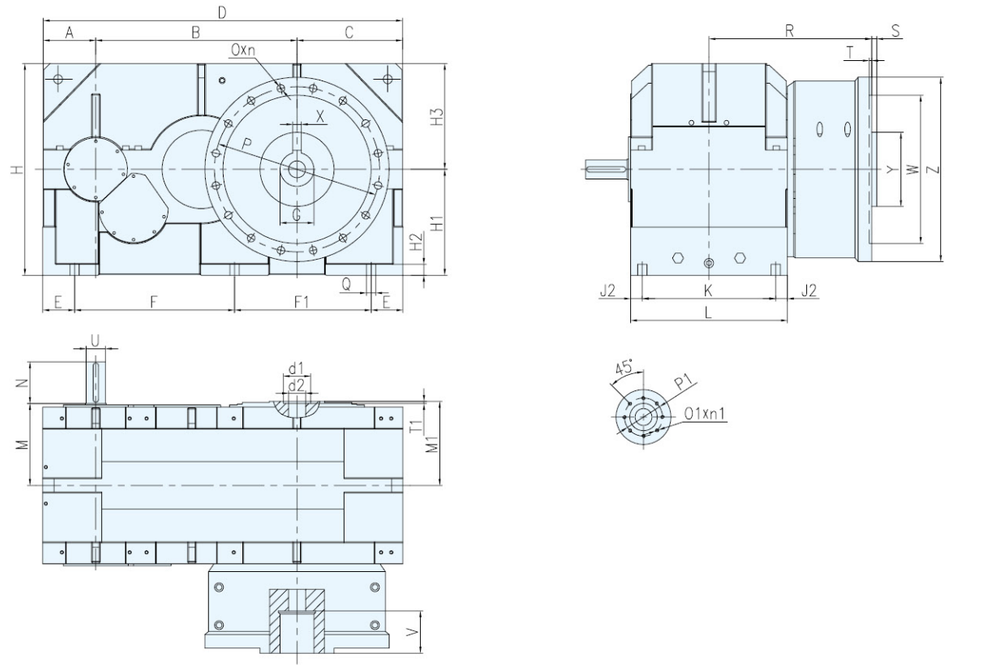
| Size/ 型号 | K | L | N i<100 | N i≥100 | n | n1 | O | O1 | Q | R | T | U i<100 | U i≥100 | W | X | Y | Z | Thrust Bearing | Weight/ kg | Oil/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **112** | 160 | 196 | 50 | 45 | 8 | 6 | M12 | M5 | 14 | 180 | 5 | 22 | 19 | 150 | 10 | 70 | 200 | 29412E | 82 | 4,2 |
| **125** | 180 | 214 | 56 | 50 | 8 | 6 | M12 | M6 | 16 | 205 | 5 | 24 | 22 | 180 | 10 | 80 | 230 | 29415E | 122 | 5,4 |
| **140** | 200 | 236 | 63 | 56 | 8 | 6 | M12 | M6 | 18 | 230 | 5 | 28 | 24 | 200 | 12 | 90 | 260 | 29417E | 161 | 7 |
| **160** | 225 | 266 | 70 | 63 | 8 | 6 | M16 | M8 | 20 | 260 | 6 | 32 | 28 | 230 | 14 | 110 | 300 | 29420E | 253 | 9,5 |
| **180** | 250 | 296 | 80 | 70 | 8 | 6 | M20 | M10 | 22 | 290 | 6 | 35 | 32 | 260 | 18 | 140 | 350 | 29424E | 334 | 15 |
| **200** | 280 | 330 | 90 | 80 | 8 | 6 | M20 | M10 | 24 | 320 | 6 | 40 | 35 | 290 | 20 | 160 | 380 | 29428E | 485 | 30 |
| **225** | 315 | 360 | 100 | 90 | 12 | 6 | M20 | M10 | 27 | 355 | 6 | 45 | 40 | 310 | 22 | 170 | 400 | 29430E | 655 | 26 |
| **250** | 355 | 407 | 112 | 100 | 12 | 6 | M24 | M10 | 30 | 405 | 8 | 50 | 45 | 365 | 25 | 190 | 450 | 29434E | 910 | 48 |
| **280** | 400 | 460 | 125 | 112 | 12 | 8 | M24 | M10 | 33 | 445 | 8 | 55 | 50 | 400 | 28 | 200 | 520 | 29436E | 1350 | 60 |
| **320** | 450 | 520 | 140 | 125 | 12 | 8 | M24 | M12 | 36 | 490 | 8 | 60 | 55 | 450 | 28 | 210 | 600 | 29440E | 1900 | 90 |
| **360** | 500 | 580 | 160 | 140 | 12 | 8 | M30 | M12 | 39 | 560 | 10 | 70 | 60 | 520 | 32 | 280 | 680 | 29452E | 2800 | 135 |
| **400** | 560 | 650 | 180 | 160 | 12 | 8 | M36 | M16 | 42 | 640 | 10 | 80 | 70 | 600 | 36 | 300 | 750 | 29456E | 3900 | 150 |

ATTENTION: the weights have to be considered as a guideline and may vary according to the reduction ratio and the accessories required.
**The oil quantity refers to gearboxes in W1 mounting position and with splash lubrication.** The quantity varies according to the mounting positon and decreases if the lubrication is of the forced type when a pump or a motot-driven pump is used.

请注意：上述重量为参考数据，会因为减速比和其他所需配备之不同而改变。
**表列之油量是之齿轮箱为 W1 落地方向与溅式润滑系统为基准，**其他落地方向所需的油量可依方向的不同而改变，也可因强制润滑使用泵浦或马达泵浦而减少。



TRANSCYKO® TEX
TEX-P3 齿轮箱外观尺寸表
TEX-P3 Overall Dimensions




| Size/ 型号 | A | B | C | D | d1 | d2 | E | F | F1 | H | H1 | H2 | H3 | H7 | J2 | M | M1 | P | P1 | S | T1 | V |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **450** | 250 | 950 | 500 | 1700 | 130 | 80 | 150 | 755 | 645 | 1000 | 500 | 54 | 450 | 160 | 55 | 383 | 397 | 780 | 180 | 24 | 10 | 200 |
| **500** | 280 | 1060 | 560 | 1900 | 150 | 80 | 185 | 775 | 755 | 1120 | 560 | 60 | 500 | 200 | 40 | 430 | 455 | 780 | 200 | 24 | 10 | 250 |
| **560** | 280 | 1190 | 600 | 2070 | 180 | 120 | 150 | 885 | 885 | 1190 | 630 | 68 | 560 | 250 | 50 | 482 | 521 | 800 | 220 | 50 | 10 | 320 |

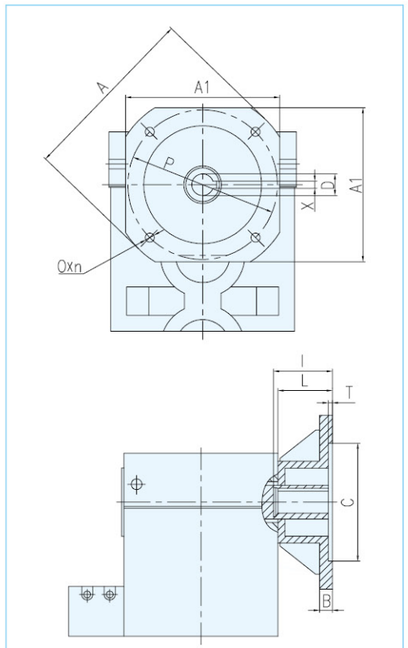
| Size/ 型号 | K | L | n | n1 | N i<100 | N i≥100 | O | O1 | Q | R | T | U i<100 | U i≥100 | W | X | Y | Z | Thrust Bearing | Weight kg | Oil/kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **450** | 630 | 740 | 16 | 8 | 200 | 180 | M36 | M16 | 44 | 768 | 12 | 90 | 80 | 700 | 40 | 350 | 870 | 29468E | 5600 | 200 |
| **500** | 680 | 760 | 16 | 8 | 225 | 200 | M36 | M16 | 44 | 778 | 12 | 100 | 90 | 700 | 40 | 350 | 870 | 29468E | 6800 | 320 |
| **560** | 780 | 880 | 16 | 8 | 225 | 225 | M42 | M16 | 44 | 847 | 12 | 110 | 100 | 800 | 56 | 375 | 910 | 29480E | 8910 | 400 |

ATTENTION:Bigger thrust bearings can be supplied.
请注意：我们可以提供更大的止推轴承。

ATTENTION: the weights have to be considered as a guideline and may vary according to the reduction ratio and the accessories required.
**The oil quantity refers to gearboxes in W1 mounting position and with splash lubrication.** The quantity varies according to the mounting positon and decreases if the lubrication is of the forced type when a pump or a motot-driven pump is used.

请注意：上述重量为参考数据，会因为减速比和其他所需配备之不同而改变。
**表列之油量是之齿轮箱为 W1 落地方向与溅式润滑系统为基准，**其他落地方向所需的油量可依方向的不同而改变，也可因强制润滑使用泵浦或马达泵浦而减少。

# 齿轮箱与马达连接尺寸表 直插式 "F"
# Gearboxes prepared for direct mounting to motor with "F"flange




| Type 型式 | Overall dimensions 外观尺寸表 | | | | | | | Direct flang 连结法兰 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | A | A1 | B | C | T | Oxn | P | D | I | L | X |
| F 200×24 | 200 | - | 10 | 130 | 4,5 | M10×4 | 165 | 24 | 50 | 60 | 8 |
| F 200×28 | | | | | | | | 28 | 60 | | 8 |
| F 250×28 | 250 | 200 | 12 | 180 | 5 | M12×4 | 215 | 28 | 60 | 65 | 8 |
| F 250×32 | | | | | | | | 32 | 80 | | 10 |
| F 300×38 | 300 | 260 | 14 | 230 | 5 | M12×4 | 265 | 38 | 80 | 70 | 10 |
| F 300×42 | | | | | | | | 42 | 110 | | 12 |
| F 350×42 | 350 | 270 | 15 | 250 | 6 | M16×4 | 300 | 42 | 110 | 75 | 12 |
| F 350×48 | | | | | | | | 48 | 110 | | 14 |
| F 350×55 | | | | | | | | 55 | 110 | | 16 |
| F 400×55 | 400 | 320 | 16 | 300 | 6 | M16×4 | 350 | 55 | 110 | 80 | 16 |
| F 400×60 | | | | | | | | 60 | 140 | | 18 |
| F 400×65 | | | | | | | | 65 | 140 | | 18 |
| F 450×60 | 450 | 410 | 18 | 350 | 8 | M16×8 | 400 | 60 | 140 | 100 | 18 |
| F 450×65 | | | | | | | | 65 | 140 | | 18 |
| F 450×70 | | | | | | | | 70 | 140 | | 20 |
| F 450×75 | | | | | | | | 75 | 140 | | 20 |
| F 550×65 | 550 | - | 20 | 450 | 8 | M16×8 | 500 | 65 | 140 | 120 | 18 |
| F 550×70 | | | | | | | | 70 | 140 | | 20 |
| F 550×75 | | | | | | | | 75 | 140 | | 20 |
| F 550×80 | | | | | | | | 80 | 170 | | 22 |
| F 660×80 | 660 | - | 24 | 550 | 8 | M20×8 | 600 | 80 | 170 | 140 | 22 |
| F 800×100 | 880 | - | 28 | 680 | 9 | M22×8 | 740 | 100 | 200 | 160 | 28 |

## POSSIBLE COMBINATIONS
## 各型号齿轮箱与马达法兰、入力轴之组合

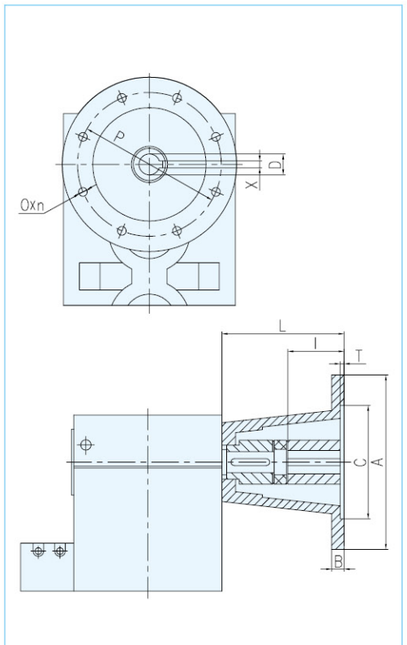
| Type 型式 | Gearboxes TEX-P2 TEX-P2 齿轮箱 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 100 | 112 | 125 | 140 | 160 | 180 | 200 | 225 | 250 | 280 | 320 | 360 |
| F 200×24 | × | × | | | | | | | | | | |
| F 200×28 | × | × | × | | | | | | | | | |
| F 250×28 | × | × | × | | | | | | | | | |
| F 250×32 | | | × | × | | | | | | | | |
| F 300×38 | | | × | × | × | | | | | | | |
| F 300×42 | | | | × | × | | | | | | | |
| F 350×42 | | | | × | × | × | | | | | | |
| F 350×48 | | | | | × | × | × | | | | | |
| F 350×55 | | | | | × | × | × | | | | | |
| F 400×55 | | | | | × | × | × | × | × | | | |
| F 400×60 | | | | | | | × | × | × | | | |
| F 400×65 | | | | | | | | × | × | | | |
| F 450×60 | | | | | | | | × | × | × | | |
| F 450×65 | | | | | | | | | × | × | | |
| F 450×70 | | | | | | | | | × | × | | |
| F 450×75 | | | | | | | | | × | × | | |
| F 550×65 | | | | | | | | | | × | × | × |
| F 550×70 | | | | | | | | | | × | × | × |
| F 550×75 | | | | | | | | | | × | × | × |
| F 550×80 | | | | | | | | | | × | × | × |
| F 660×80 | | | | | | | | | | | × | × |
| F 800×100 | | | | | | | | | | | | × |

| Type 型式 | Gearboxes TEX-P3 TEX-P3 齿轮箱 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 112 | 125 | 140 | 160 | 180 | 200 | 225 | 250 | 280 | 320 | 360 | |
| F 200×24 | × | | | | | | | | | | | |
| F 200×28 | × | × | | | | | | | | | | |
| F 250×28 | × | × | × | | | | | | | | | |
| F 250×32 | | × | × | × | | | | | | | | |
| F 300×38 | | | × | × | × | | | | | | | |
| F 300×42 | | | × | × | × | × | | | | | | |
| F 350×42 | | | | × | × | × | | | | | | |
| F 350×48 | | | | | × | × | × | | | | | |
| F 350×55 | | | | | | × | × | | | | | |
| F 400×55 | | | | | | × | × | × | × | × | | |
| F 400×60 | | | | | | | × | × | × | × | | |
| F 400×65 | | | | | | | × | × | × | × | | |
| F 450×60 | | | | | | | × | × | × | × | | |
| F 450×65 | | | | | | | | × | × | × | | |
| F 450×70 | | | | | | | | × | × | × | | |
| F 450×75 | | | | | | | | × | × | × | | |
| F 550×65 | | | | | | | | | × | × | × | |
| F 550×70 | | | | | | | | | × | × | × | × |
| F 550×75 | | | | | | | | | × | × | × | × |
| F 550×80 | | | | | | | | | × | × | × | × |
| F 660×80 | | | | | | | | | | | × | × |
| F 800×100 | | | | | | | | | | | | × |





# 齿轮箱与马运连结尺寸表 联轴式 "C"
# Gearboxes prepared for motor mounting with coupling and "C" bell




| Type 型式 | Overall dimensions 外观尺寸表 | | | | | | Direct flang 连结法兰 | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | T | Oxn | P | D | I | L | X |
| C 200×24 | 200 | 10 | 130 | 4,5 | M10×4 | 165 | 24 | 50 | 140 | 8 |
| C 200×28 | | | | | | | 28 | 60 | | 8 |
| C 250×28 | 250 | 12 | 180 | 5 | M12×4 | 215 | 28 | 60 | 170 | 8 |
| C 250×32 | | | | | | | 32 | 80 | | 10 |
| C 300×38 | 300 | 14 | 230 | 5 | M12×4 | 265 | 38 | 80 | 215 | 10 |
| C 300×42 | | | | | | | 42 | 110 | | 12 |
| C 350×42 | 350 | 15 | 250 | 6 | M16×4 | 300 | 42 | 110 | 215 | 12 |
| C 350×48 | | | | | | | 48 | 110 | | 14 |
| C 350×55 | | | | | | | 55 | 110 | | 16 |
| C 400×55 | 400 | 16 | 300 | 6 | M16×4 | 350 | 55 | 110 | (245) | 16 |
| C 400×60 | | | | | | | 60 | 140 | 280 | 18 |
| C 400×65 | | | | | | | 65 | 140 | (220) | 18 |
| C 450×60 | 450 | 18 | 350 | 8 | M16×8 | 400 | 60 | 140 | (260) | 18 |
| C 450×65 | | | | | | | 65 | 140 | 290 | 18 |
| C 450×70 | | | | | | | 70 | 140 | 327 | 20 |
| C 450×75 | | | | | | | 75 | 140 | | 20 |
| C 550×65 | 550 | 20 | 450 | 8 | M16×8 | 500 | 65 | 140 | (305) | 18 |
| C 550×70 | | | | | | | 70 | 140 | 362 | 20 |
| C 550×75 | | | | | | | 75 | 140 | | 20 |
| C 550×80 | | | | | | | 80 | 170 | | 22 |
| C 660×80 | 660 | 24 | 550 | 8 | M20×8 | 600 | 80 | 170 | 362 | 22 |
| C 800×100 | 800 | 28 | 680 | 9 | M22×8 | 740 | - | - | - | - |

## POSSIBLE COMBINATIONS
## 各型号齿轮箱与联轴器、联接座之组合

| Type 型式 | Gearboxes TEX-P2 TEX-P2 齿轮箱 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 100 | 112 | 125 | 140 | 160 | 180 | 200 | 225 | 250 | 280 | 320 | 360 |
| C 200×24 | × | × | | | | | | | | | | |
| C 200×28 | × | × | | | | | | | | | | |
| C 250×28 | × | × | × | | | | | | | | | |
| C 250×32 | × | × | × | | | | | | | | | |
| C 300×38 | × | × | × | × | | | | | | | | |
| C 300×42 | | | × | × | × | | | | | | | |
| C 350×42 | | | × | × | × | × | | | | | | |
| C 350×48 | | | × | × | × | × | | | | | | |
| C 350×55 | | | × | × | × | × | × | | | | | |
| C 400×55 | | | | × | × | × | × | × | × | | | |
| C 400×60 | | | | | × | × | × | × | × | | | |
| C 400×65 | | | | | | × | × | × | × | × | | |
| C 450×60 | | | | | | | × | × | × | × | | |
| C 450×65 | | | | | | | × | × | × | × | | |
| C 450×70 | | | | | | | × | × | × | × | | |
| C 450×75 | | | | | | | | × | × | × | × | × |
| C 550×65 | | | | | | | | × | × | × | × | × |
| C 550×70 | | | | | | | | × | × | × | × | × |
| C 550×75 | | | | | | | | | × | × | × | × |
| C 550×80 | | | | | | | | | × | × | × | × |
| C 660×80 | | | | | | | | | | × | × | |
| C 800×100 | | | | | | | | | | | × | |

| Type 型式 | Gearboxes TEX-P3 TEX-P3 齿轮箱 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 112 | 125 | 140 | 160 | 180 | 200 | 225 | 250 | 280 | 320 | 360 | |
| C 200×24 | × | | | | | | | | | | | |
| C 200×28 | × | | | | | | | | | | | |
| C 250×28 | × | × | | | | | | | | | | |
| C 250×32 | × | × | × | | | | | | | | | |
| C 300×38 | × | × | × | × | | | | | | | | |
| C 300×42 | | × | × | × | × | | | | | | | |
| C 350×42 | | × | × | × | × | × | | | | | | |
| C 350×48 | | | × | × | × | × | | | | | | |
| C 350×55 | | | × | × | × | × | | | | | | |
| C 400×55 | | | | × | × | × | × | × | × | × | | |
| C 400×60 | | | | | | × | × | × | × | × | | |
| C 400×65 | | | | | | × | × | × | × | × | | |
| C 450×60 | | | | | | × | × | × | × | × | | |
| C 450×65 | | | | | | × | × | × | × | × | | |
| C 450×70 | | | | | | | × | × | × | × | | |
| C 450×75 | | | | | | | × | × | × | × | × | |
| C 550×65 | | | | | | | | × | × | × | × | |
| C 550×70 | | | | | | | | × | × | × | × | |
| C 550×75 | | | | | | | | × | × | × | × | |
| C 550×80 | | | | | | | | | × | × | × | |
| C 660×80 | | | | | | | | | | × | × | |
| C 800×100 | | | | | | | | | | | × | |

## 润滑系统

所有 TEX 系列的齿轮箱已经发展到可让 H 安装方式为溅式润滑。

这种构造可以让所夺的轴承都得到润滑，包括齿轮箱的径向轴承和轴向止推轴承。

至于其他的落地方式，建议使用泵浦（或者马达泵浦）的强制润滑系统。

请根据下表，依照齿轮箱的型号和落地方式来选择适当的润滑系统。

## LUBRICATION

The gearboxes of the TEX series have been developed to enable H mounting only with splash lubrication.

The construction (in this position) permits a perfect lubrication of all bearingsk both of the gearbox and of the axial thrust bearing.

For the other mounting positions, a forced lubrication system using a pump (or electric pump) is recommended.

Here in the following you find a chart about the recommended lubrication system according to the gearbox size and to the mounting position.

| Type 型号 | | 100 | 112 | 125 | 140 | 160 | 180 | 200 | 225 | 250 | 280 | 320 | 350 | 400 | 450 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 安装方式 Mounting Arrangement | H | S | S | S | S | S | S | S | S | S | S | S | MP | MP | MP |
| | W1 | S | S | S | S | P | P | P | P | P | P | P | MP | MP | MP |
| | W2 | S | S | S | S | P | P | P | P | P | P | P | MP | MP | MP |
| | V1 | S | S | P | P | P | P | P | P | P | P | P | MP | MP | MP |
| | V2 | S | S | P | P | P | P | P | P | P | P | P | MP | MP | MP |

S=Splash lubrication P=Pump MP=motor pump S= 溅式润滑 P= 泵浦 MP= 马达泵浦

**ATTENTION:**
This chart applies only when there are no thermal power limitationsl These limitations may require the use of a forced lubrication with cooling.

**请注意：**
上表只能适用在没有超出额定热功率的齿轮箱，若超出额定热功率时需要选购强制润滑及冷却系统。

## 水冷却系统

当齿轮箱的热功率值 (请参考目录) 比所使用的马力还低时，则必须加装冷却系统。

以下是不同型式的水冷却系统。

## WATER COOLING

For the gearboxes with a lower thermal dissipation (as to the catalog) than the applied mechanical power, a cooling system must be provided. Here in the following you find some water cooling systems.

### 1. 内部冷却循环管

最简单和最经济的冷却系统是内部冷却循环管。

这是一条细铜导管，装置在齿轮箱的内部。

特点：供水在 20℃，输送量在 10-30 公升 / 每分钟，压力 2-8 BAR，客户可依附表所示的管径以平滑的金属管连接。

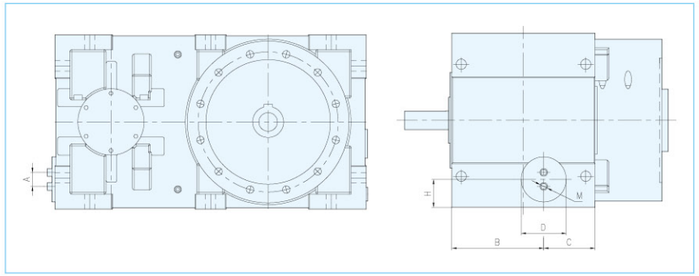
### 1.INTERNAL COOLING COIL

The simplest and most economical cooling system is the internal cooling coil.

It is a finned copper pipe, mounted inside the gearbox.

Features:Water supply at 20°C , Delivery rate 10/30 l/min, Pressure 2-8 bar.

The connection must be carried by the customer with a smooth meatal pipe of a diameter B as shown in the adjacent chart.




| Size | A | M | H | ¯D | B | C |
|---|---|---|---|---|---|---|
| 140 | 40 | 1/2" | 58 | 115 | 145 | 91 |
| 160 | 40 | 1/2" | 65 | 115 | 160 | 106 |
| 180 | 40 | 1/2" | 70 | 115 | 176 | 120 |
| 200 | 40 | 1/2" | 70 | 115 | 195 | 135 |
| 225 | 40 | 1/2" | 74 | 115 | 214 | 146 |
| 250 | 40 | 1/2" | 76 | 115 | 247 | 160 |
| 280 | 45 | 3/4" | 90 | 145 | 295 | 165 |



TRANSCYKO® TEX
润滑及冷却
Lubrication & Cooling

## 2. 强制冷却与润滑系统

有时我们必须消散大量的热量（kacl），因此必须使用泵浦（或是马达泵浦）和热交换器。

强化热量消散相关的主要参数有：

- 冷却水导入时的水温
- 每分钟的水量
- 油压帮浦每分钟的送油量
- 热交换器的尺寸

对上述任何一项数据做调整即可解决现有的热功率问题。这是很有效率的方式，且可满足大多数不同的需求。请与我们的技术部门联系选购合适的帮浦（或马达帮浦）与热交换器的配置。

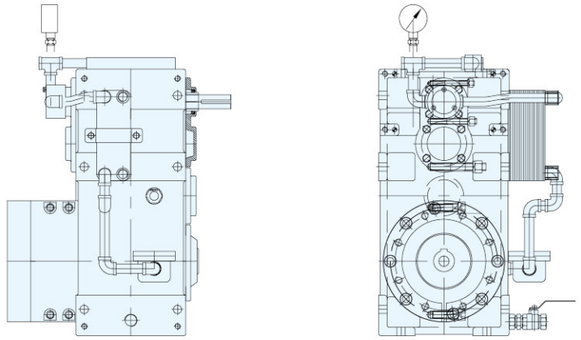
## 2.Forced cooling and lubrication systems

Sometimes a large heat quantity (kcal) must be dissipated. For this purpose, a pump (or an electric pump) and an external heat-exchanger must be used. The main parameters for increasing the heat dissipation are as follows:

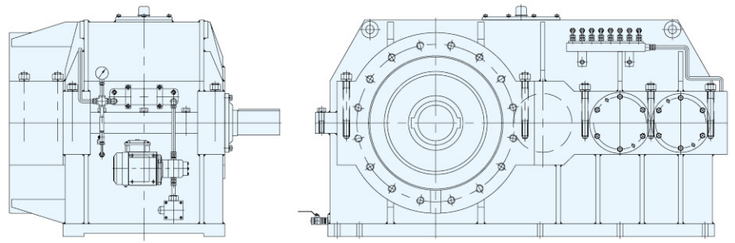
- Water intake temperature
- water quantity per minute
- Delivery rate of oil pump per minute
- Size of the heat exchanger

Any intervention on these parameters can resolve the existing thermal problems. Such solution may be very efficient and satisfy the most different requirements. Please consult our Technical Dept. for a rational configuration of the pump (electric pump) and of the heat exchanger.

泵浦与热交换器 Pump and heat exchanger



马达泵浦与热交换器 Electric pump and heat exchanger



**3. 全套配备**
这套完整冷却系统是适合用在大型齿轮箱，因为它有不同的组件和配备。
主要的配件有：
●入油处过滤器
●马达泵浦附分路循环管
●入油处的过滤筒
●热交换器
●压力开关
●压力计
●流量调节阀
●流量视窗

**3.COMPLETE UNIT**
This complete cooling system is suitable for big gearboxes as it is equipped with different component and accessories.
The main components are:
● Intake filter
● Electric pump with bypass cycle
● Filter cartridge at intake side
● Heat exchanger
● Min and max pressure switch
● Pressure gauge
● Regulation valves
● Flow sight-glasses

**润滑油数据**
●表定值为入力转速 2000rpm，落地方向为 H/W1。
●在 W2 的落地方式情况下，润滑系统必须选择更大一级。
●润滑系统 P1 和 P2 是较简易的规格。

**LUBRICATION DATA**
● The indicated values are valid up to 2000 rpm input speed, mounting position H/W1.
● In case of W2 mounting position, the lube unit has to be one size bigger.
● Lube unit P1 and P2 are simplified.

| | TEX-P2 | TEX-P3 |
|---|---|---|
| Low capacity 低功率 | i=22,5÷28 | i=35.5÷63 |
| **standard** 标准功率 | i=10÷20 | i=16÷31.5 |
| High capacity 高功率 | i=6.3÷9 | i=6.3÷14 |

| Cooling capacity 冷却功率 | | | | | | |
|---|---|---|---|---|---|---|
| TEX-P2 | | | | TEX-P3 | | |
| Gearbox Size 型号 | Low capacity 低功率 | **standard** 标准功率 | High capacity 高功率 | Low capacity 低功率 | **standard** 标准功率 | High capacity 高功率 |
| **200** | P1(1kW) | P2(2.8kW) | P2(2.8kW) | P1(1kW) | P2(2.8kW) | P2(2.8kW) |
| **225** | P1(1kW) | P2(2.8kW) | P3(5kW) | P2(2.8kW) | P3(5kW) | P4(8kW) |
| **250** | P2(2.8kW) | P3(5kW) | P4(8kW) | P3(5kW) | P4(8kW) | P5(17kW) |
| **280** | P3(5kW) | P4(8kW) | P5(17kW) | P4(8kW) | P5(17kW) | P5(17kW) |
| **320** | P4(8kW) | P5(17kW) | P5(17kW) | P4(8kW) | P5(17kW) | P5(17kW) |
| **360** | P4(8kW) | P5(17kW) | P6(24kW) | P5(17kW) | P6(24kW) | P6(24kW) |
| **400** | P5(17kW) | P6(24kW) | P7(30kW) | P6(24kW) | P7(30kW) | P8(43kW) |
| **450** | P6(24kW) | P7(30kW) | P8(43kW) | P7(30kW) | P8(43kW) | P8(43kW) |





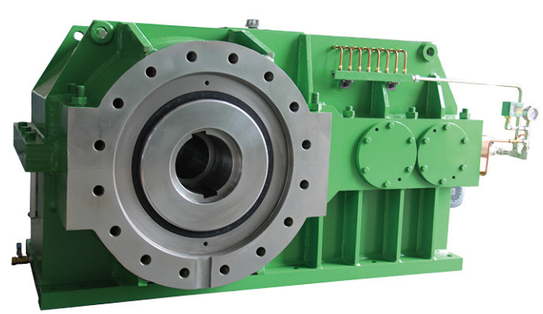
# 炼胶机专用齿轮箱
# Gearbox for rubber mixing mill

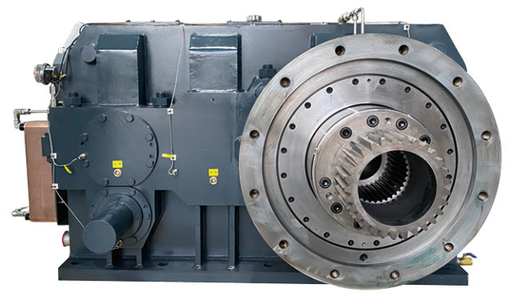
炼胶机专用齿轮箱，是高精度重负载硬齿面齿轮齿轮箱。主齿轮箱采用平行圆柱齿轮减速的传动形式。输入轴通过联轴器与电机轴相联，由电机驱动，经过齿轮减速和两输出轴之间齿轮的减速与功率分流，再通过联轴器把动力传递给密炼机或开炼机转子轴，带动其转子进行炼胶。

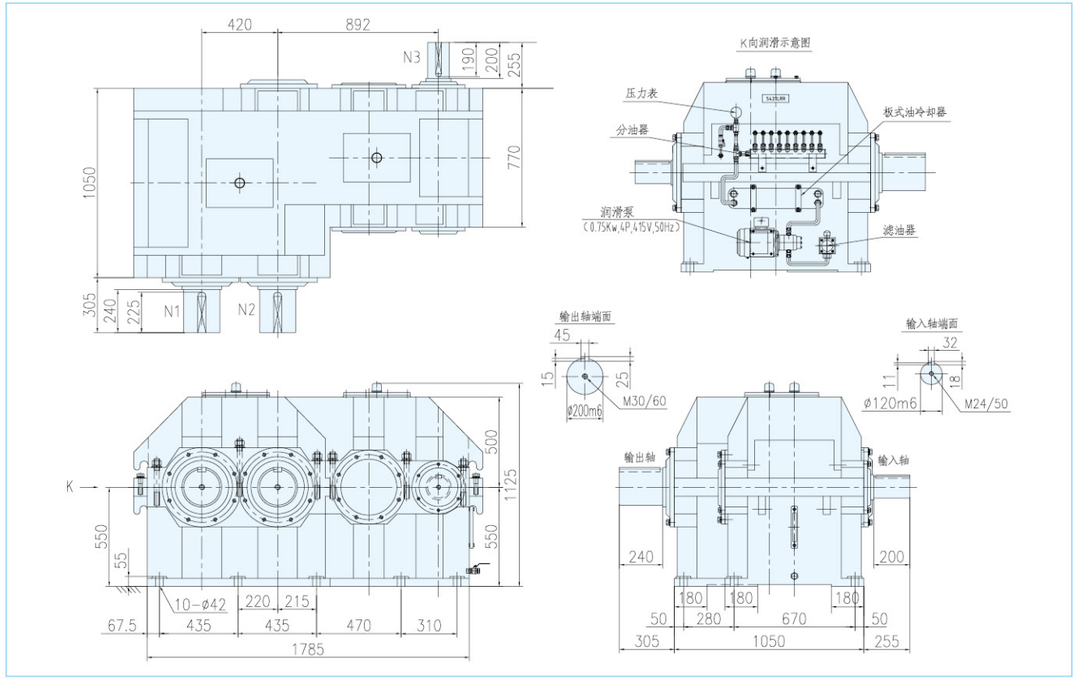
齿轮箱采用渐开线斜齿轮和滚动轴承，输入和输出密封结构采用油封和机械密封相结合的密封形式，保证密封安全可靠。润滑系统采用强制喷油润滑方式，小规格齿轮箱配有安装在齿轮箱箱体上的简易润滑装置，外观简洁美观，实用性强；大规格齿轮箱配独立稀油站润滑。

The gearbox is a kind of high precision,heavy duty and tooth-flank hardened product matched for gearbox. For this gearbox,we adopt paralleled cylindrical gear to perform speed reducing.Through flexible coupling,the input shaft is connected to the motor shaft.Drove by the motor,reduced by parallel shafts and the gears between two output shafts and power dividing.The power now has been transmitted to rotor shaft of mixer by the crown coupling for the two o utput shafts separately.The two rotor shafts of the mixer refine rubber.

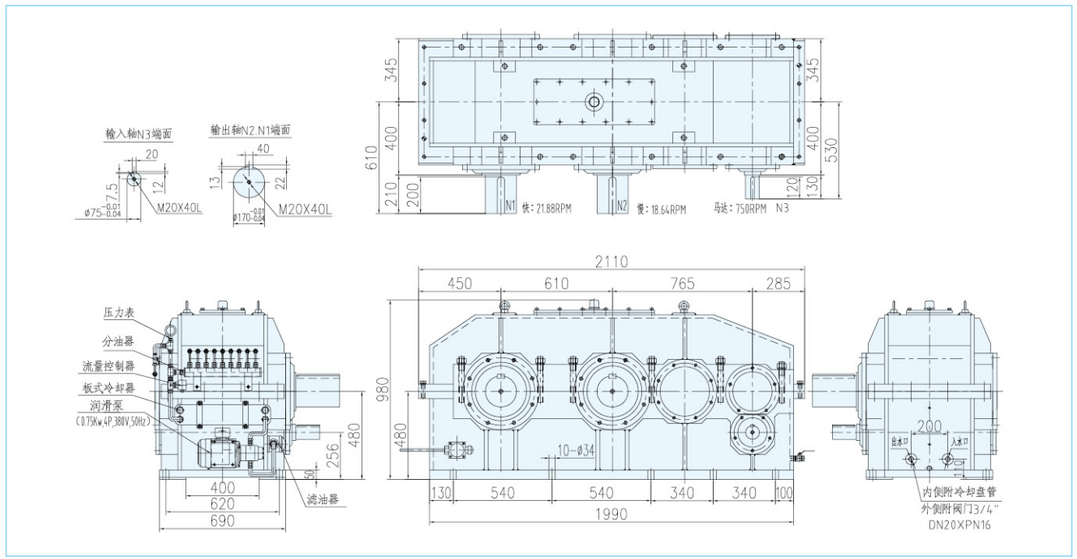
Gears in this gearbox are involutes helix gears.All supporting bearings are rolling bearing.The input and output shafts are sealed by seals together with mechanical parts to realize safe and reliable sealing.We adopt separate lubrication system,the equipment must be forcedly lubricated, the lubrication system may be erected as a separate oil unite or be installed outside the gear case.Simple lubrication device is installed outside the gear case,which provide separate pump and mainly be applied for small specification gear box,external appearance of this kind of equipment is beauty and succinct.All the parts of the separate lubrication unite are assembled together,the pipe is used for connected the gearbox with the lubrication unite,which mainly be applied for large specification gear box.







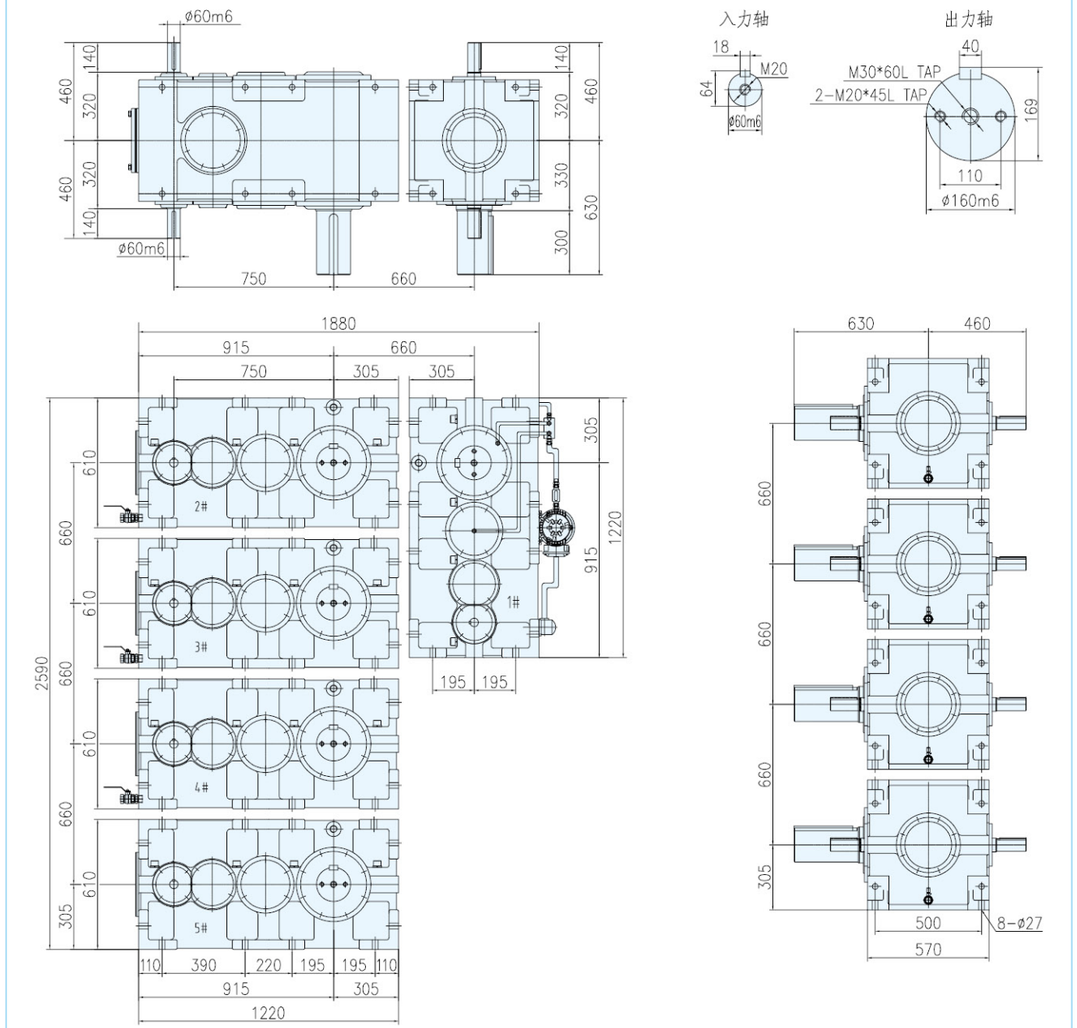

| 输入功率 | 入力轴 N3 转速 | 轴 N2 输出转速 / 实际速比 | 轴 N1 输出转速 / 实际速比 |
|---|---|---|---|
| AC 350HPx10Px415Vx50Hz | 600RPM | 45.84RPM(i=13.09) | 39.66RPM(i=15.13) |



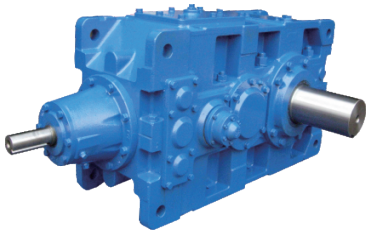

| 输入功率 | 入力轴 N3 转速 | 轴 N2 输出转速 / 实际速比 | 轴 N1 输出转速 / 实际速比 |
|---|---|---|---|
| AC 150HPx8Px380Vx50Hz | 750RPM | 21.88RPM(i=34.28) | 18.64RPM(i=40.24) |



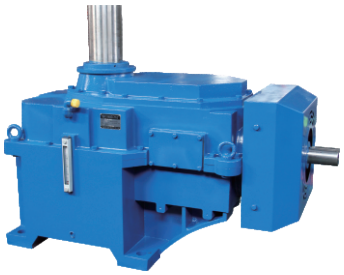




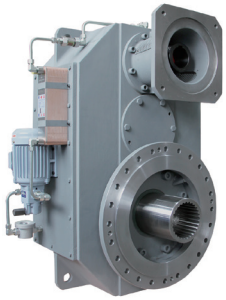

| 机号 | 1# | 2# | 3# | 4# | 5# |
|---|---|---|---|---|---|
| 电机转速 | 1500rpm | 1500rpm | 1500rpm | 1500rpm | 1500rpm |
| 电机功率 | 75kw | 110kw | 110kw | 110kw | 75kw |
| 减速比 | 72 | 51.8 | 51.8 | 51.8 | 51.8 |
| 机械额定功率 | 148kw | 219kw | 219kw | 219kw | 219kw |
| 热功率 | 164kw | 176kw | 176kw | 176kw | 176kw |
| 使用系数 | 2.8 | 2 | 2 | 2 | 2 |



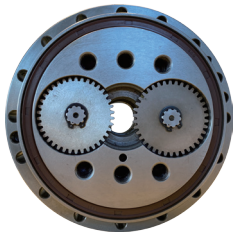
直交齿轮箱TSG系列
Right angle gearbox



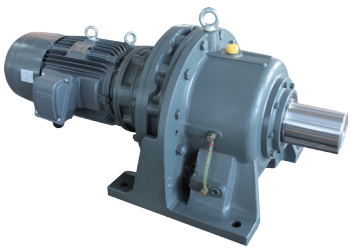
冷却水塔专用齿轮箱
TCT系列
Gearbox TCT series
for Cooling Tower



注塑机TIN系列
Gearbox TIN series



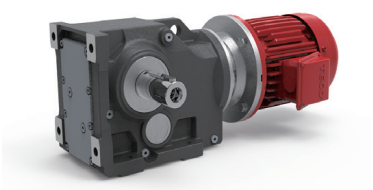
机器人关节用RV减速机
RV Gearbox for robot



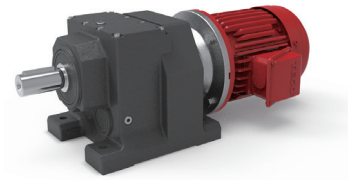
摆线减速机
Cycloidal Speed Reducer

行星减速机
Planetary Speed Reducer

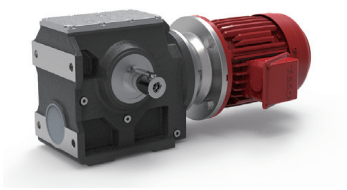
水泥搅拌齿轮箱
Concrete mixture drive



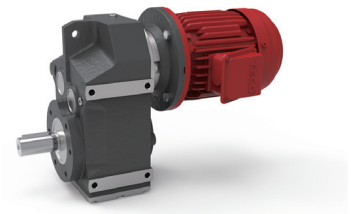
TK斜齿轮
伞齿轮减速电机
TK Helical
Bevel Geared Motor



TR斜齿轮
减速电机
TR Helical
Geared Motor



TS斜齿轮
蜗轮蜗杆减速电机
TS Helical
Worm Geared Motor



TF平行轴
斜齿轮减速电机
TF Parallel Shaft
Helical Geared Motor


## 台南总部
台南科学园 · 善化区

## 传仕精密机械股份有限公司

- 电话：+886-6-5818117
- 传真：+886-6-5819117
- evachen@transcyko.com
- 台南市善化区兴农路69巷31弄17号 74160

## 南京制造中心

## 南京传仕重工科技有限公司

- 电话：+86-025-566-07388
- 传真：+86-025-566-03188
- emma@transcyko-transtec.com
- 南京市溧水区和凤机电产业园凤鸣路28号 211216


NO.TRANSCYKO-2021-07-extruder