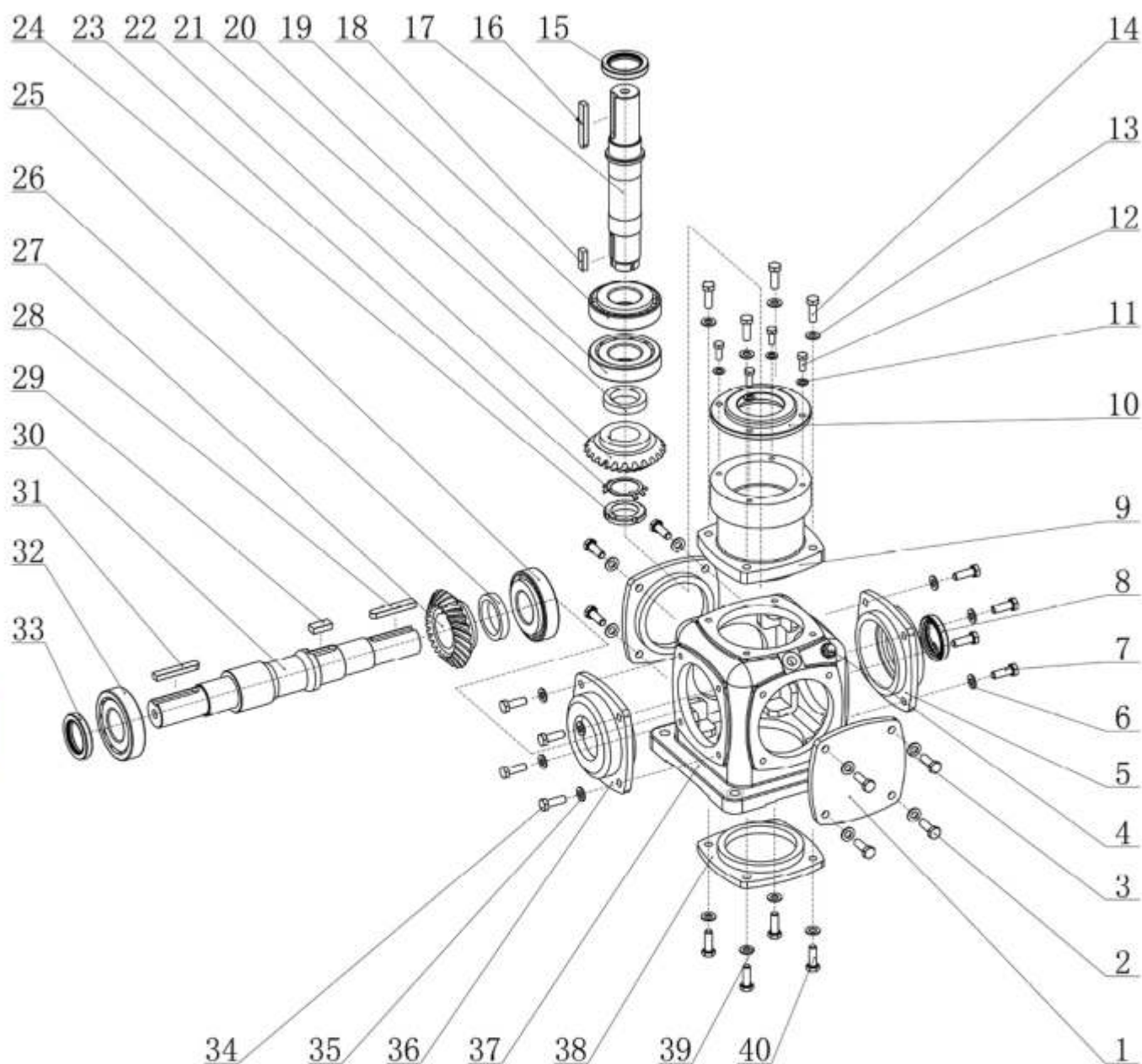


# YFT SERIES

- ★ 三层高密分子涂漆，  
隔绝灰尘更耐高温。
- ★ 高端滚珠轴承，  
减少摩擦提升传动效率。
- ★ 优质合金钢精密磨齿，  
提高啮合精度保证品质。



雁峰集团  
www.yanfenggroup.cn



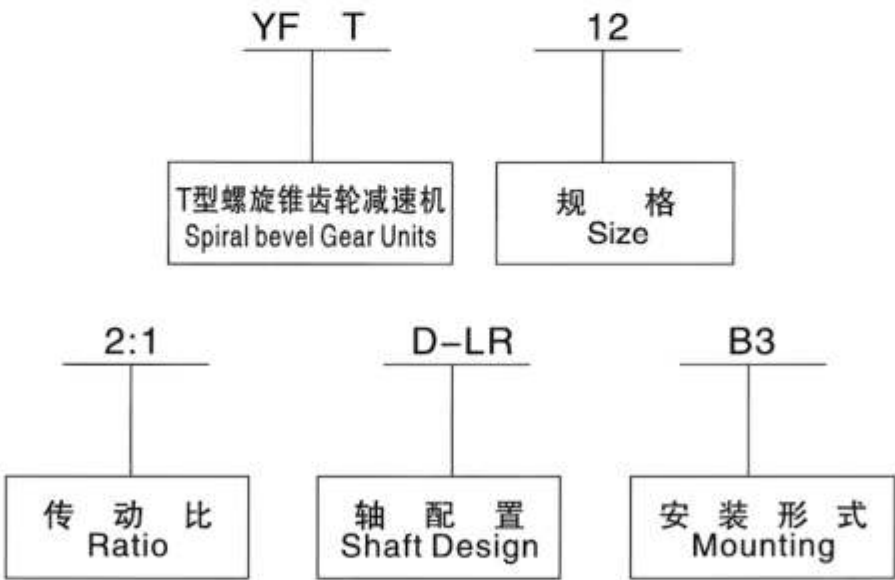
T系列爆炸图

|        |         |        |         |
|--------|---------|--------|---------|
| 1.端盖   | 11.平垫圈  | 21.轴套  | 31.平键   |
| 2.螺栓   | 12.螺栓   | 22.齿轮  | 32.轴承   |
| 3.平垫圈  | 13.平垫圈  | 23.止动环 | 33.骨架油封 |
| 4.透气塞  | 14.螺栓   | 24.圆螺母 | 34.螺栓   |
| 5.轴承盖  | 15.骨架油封 | 25.轴承  | 35.平垫圈  |
| 6.平垫圈  | 16.平键   | 26.轴套  | 36.轴承盖  |
| 7.螺栓   | 17.轴    | 27.齿轮  | 37.箱体   |
| 8.骨架油封 | 18.平键   | 28.平键  | 38.端盖   |
| 9.轴承座  | 19.轴承   | 29.平键  | 39.平垫圈  |
| 10.透盖  | 20.轴承   | 30.轴   | 40.螺栓   |

# YFT系列螺旋锥齿轮转向箱

YFT series Helical-bevel Gearbox

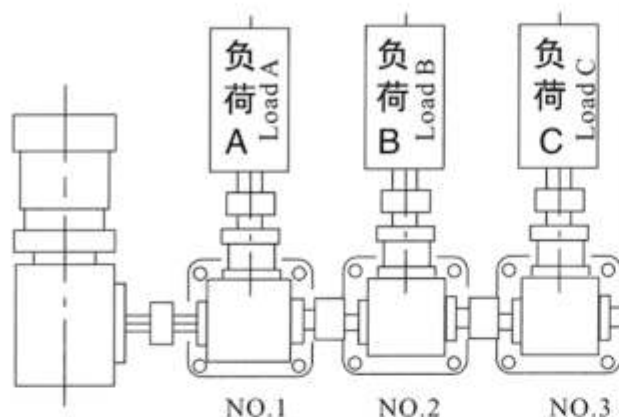
YFT系列螺旋锥齿轮转向箱, 传递动力大, 能适应正反转, 震动小, 噪音低。  
YFT series helical-bevel gearbox, large in transmission force, geared to both to both forward and backward rotation, small in vibration and noise.



## 减速机重量 Gear Unit Weight

| 规格<br>Size       | T2 | T4 | T6 | T7 | T8 | T10 | T12 | T16 | T20 | T25 |
|------------------|----|----|----|----|----|-----|-----|-----|-----|-----|
| 重量(kg)<br>Weight | 2  | 10 | 21 | 32 | 49 | 78  | 124 | 188 | 297 | 488 |

YFT系列选型举例 YFTseries selection sample YFT系列被驱动设备系数f. YFTseries service factorf.



| 每天使用时间<br>Operating time/hour | ≤2             | 2-10           | 10-24          |
|-------------------------------|----------------|----------------|----------------|
| 负荷性质<br>Loadcharacteristic    |                |                |                |
| 均匀负载<br>Uniform               | 1.00<br>(1.00) | 1.00<br>(1.25) | 1.25<br>(1.50) |
| 一般冲击<br>Moderate              | 1.00<br>(1.25) | 1.25<br>(1.50) | 1.50<br>(1.75) |
| 强烈冲击<br>Heavy                 | 1.25<br>(1.50) | 1.50<br>(1.75) | 1.75<br>(2.00) |

当每小时启动、停止次数在10次以上，请使用括号内数值

Please use these data inside the bracket when number of starts and stops/hour is greater than ten times

例：3台负载全部为196N.m,一般冲冲击，每天连续工作8小时，即使用系数f1=1.25,斜齿轮

输入轴转速以300r/min,速比全部为1:1.

根据公式：
$$T_2 = \frac{P_1 \times 9550}{n_1} \times i \times y$$

每台齿轮箱本身所需的负载 $TN_2 \geq T_2 \times f_1 = 196 \times 1.25 = 245N.m$

※1号齿轮箱 因1号齿轮箱本身的负载为245N.m,而2号、3号齿轮箱需通过1号齿轮箱体传递扭矩。所以1号齿轮箱应承担的负载为：

245N.m+245N.m+245N.m=735N.m,依据传动能力表，应选T12。

※2号齿轮箱 除本身的负载245N.m,还需传递3号齿轮箱的扭矩。所发总负载应为

245N.m+245N.m=490N.m,依据传动能力表，应选T10。

※3号齿轮箱 由于仅一个负载C进行运转，即所需负载在245N.m以上即可，依据传动能力表可选T8。

注意事项：

- 1.本速比不为1:1时，请确定或告知输入轴：选横轴输入为减速，选纵轴输入为增速，安装方位和尺寸确定了以后，就不能更改两轴的位置。
- 2.多台连动输出校对换向箱的承载能力。

Torque loaded on each gearbox is 196Nm, uniform shock, duration of operation is 8 hour per day, service factor  $f_1 = 1.25$ , input speed is 300rpm, ratio is 1:1.

Calculate according to formula: 
$$T_2 = \frac{P_1 \times 9550}{n_1} \times i \times y$$

Required torque of each gearbox  $TN_2 \geq T_2 \times f_1 = 196 \times 1.25 = 245N.m$

No.1 gearbox No.1 gearbox carry torque 245Nm, but No.2 and No.3 gearbox need transfer torque through No.1, Consequently No.1 gearbox should carry torque 735Nm (245Nm+245Nm+245Nm). select T12 according to transmission capacity table.

No.2 gearbox No.3 gearbox still transfers torque of No.3 gearbox besides torque of 245Nm, so the total torque is 490 Nm (245Nm+245Nm). select T10 according to transmission capacity table.

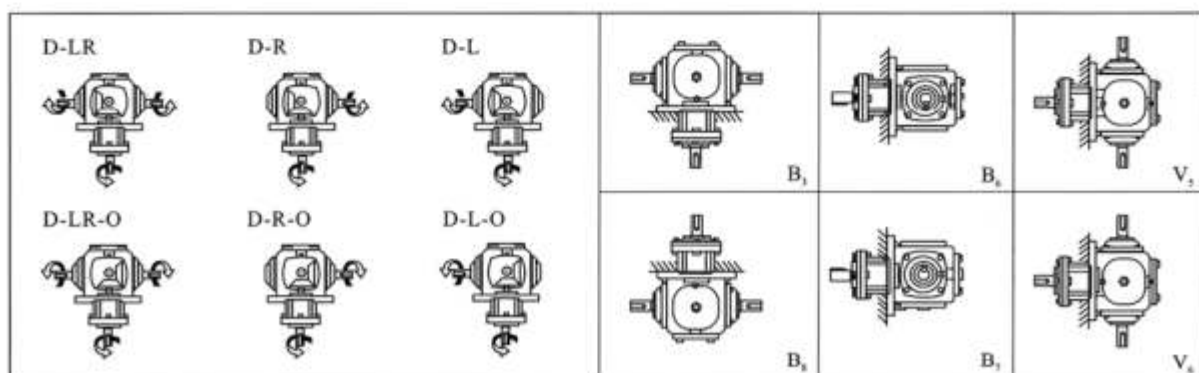
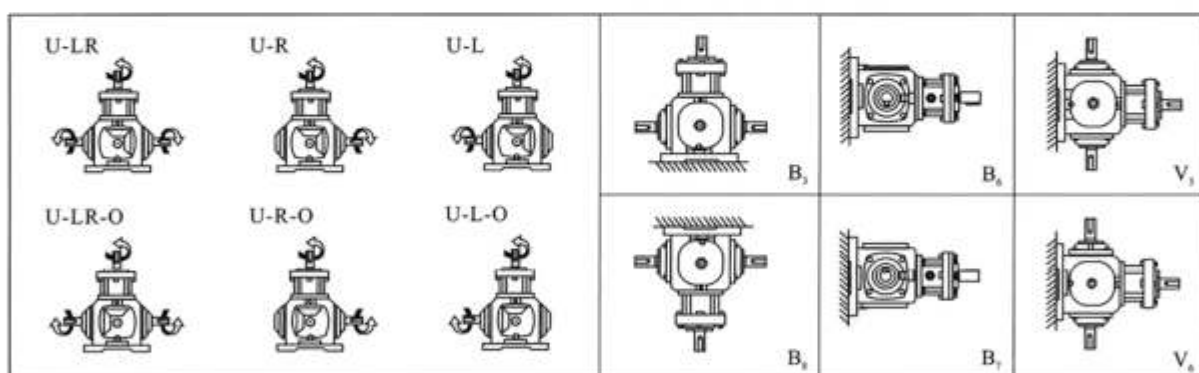
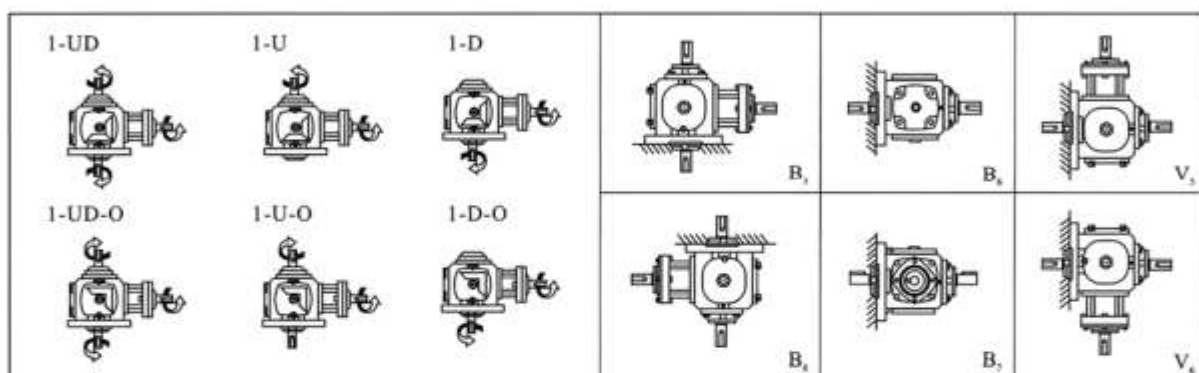
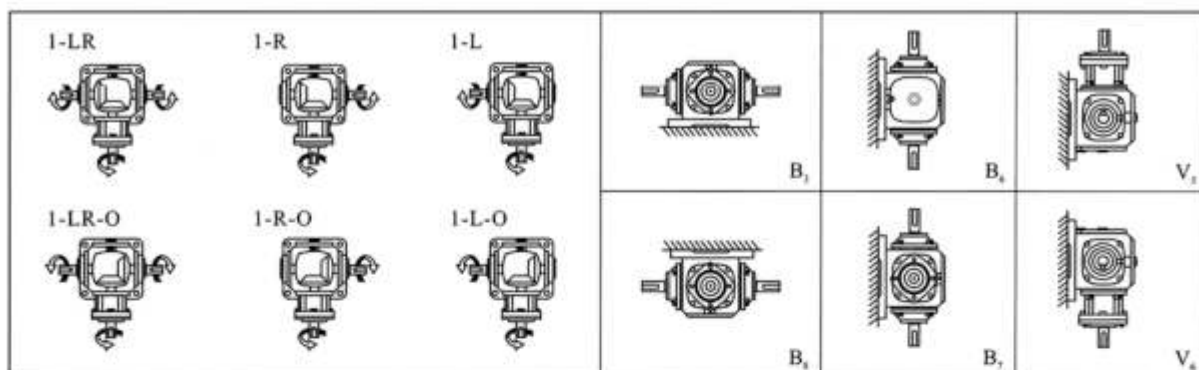
No.3 gearbox Required torque is more than 245Nm because of only load C according to transmission capacity table.

Notes:

1. If ratio is not 1:1, if input speed on single-extendable shaft, output speed will be reduced; if input speed on double-extendable shaft, output speed will be reduced. When mounting position and dimension are determined, the position of shafts can not be changed.
2. Several T boxes are linked, please verify the load capacity of these boxes.

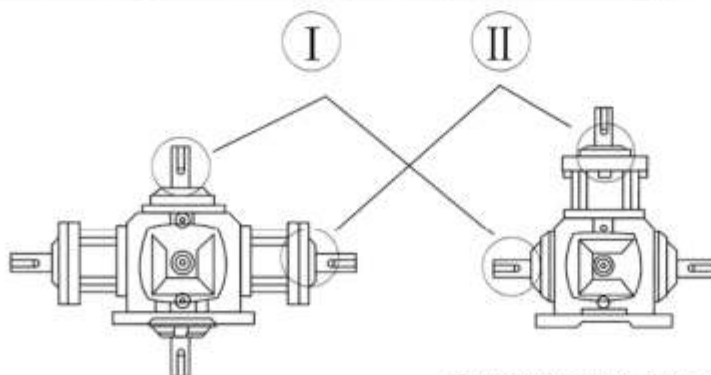
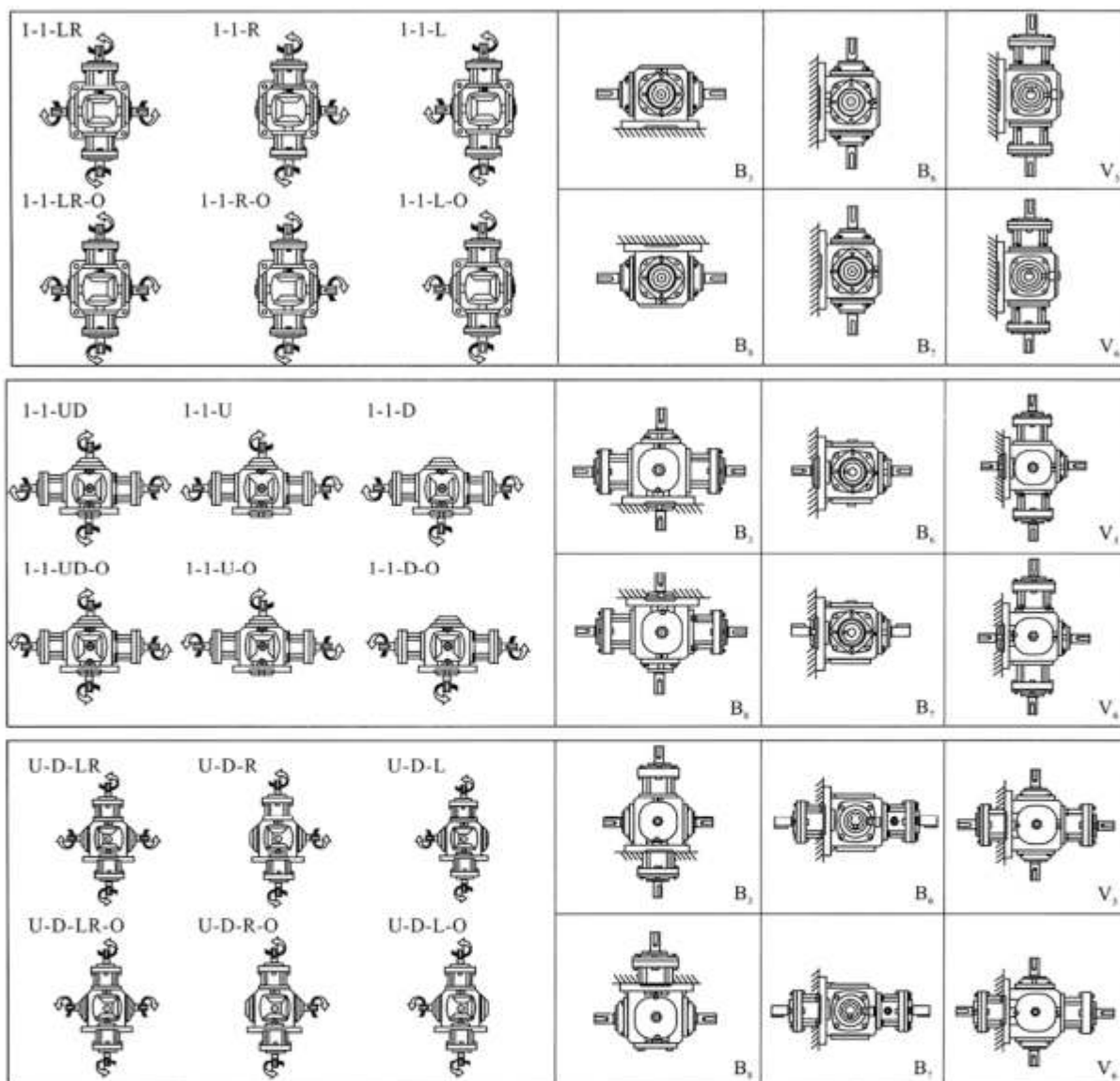
轴配置及轴旋转方向的关系：  
The relationship between shaft arrangement  
and direction of shaft rotation:

安装形式：  
Installation pattern



轴配置及轴旋转方向的关系：  
The relationship between shaft arrangement  
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安装形式：  
Installation pattern



当Ⅱ型轴输入Ⅰ型轴输出时为减速  
当Ⅰ型轴输入Ⅱ型轴输出时为增速

Output speed' II be reduced when the shaft  
Ⅱ input and the shaft Ⅰ output

Output speed' II be increased when the shaft  
Ⅰ input and the shaft Ⅱ output

T 系列传动能力表:  
T performance value table:

| i     | n1<br>r/min | T2           |             | T4           |             | T6           |             | T7           |             | T8           |             |
|-------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
|       |             | MN2<br>(N.m) | PN1<br>(kW) | MN2<br>(N.m) | PN1<br>(kW) | MN2<br>(N.m) | PN1<br>(kW) | MN2<br>(N.m) | PN1<br>(kW) | MN2<br>(N.m) | PN1<br>(kW) |
| 1:1   | 1450        | 11.6         | 1.79        | 31.9         | 4.94        | 96.0         | 14.9        | 142          | 22.0        | 284          | 45.8        |
|       | 1150        | 11.7         | 1.43        | 34.1         | 4.19        | 103          | 12.7        | 150          | 18.4        | 305          | 37.5        |
|       | 870         | 12.1         | 1.12        | 37.2         | 3.46        | 113          | 10.5        | 164          | 15.2        | 312          | 29.0        |
|       | 580         | 12.1         | 0.747       | 39.5         | 2.45        | 119          | 7.35        | 184          | 11.4        | 319          | 19.8        |
|       | 400         | 12.3         | 0.524       | 40.2         | 1.72        | 122          | 5.20        | 195          | 8.34        | 326          | 14.0        |
|       | 300         | 12.3         | 0.396       | 40.5         | 1.30        | 123          | 3.93        | 198          | 6.35        | 331          | 10.6        |
|       | 200         | 12.4         | 0.226       | 41.2         | 0.880       | 124          | 2.66        | 201          | 4.30        | 338          | 7.23        |
|       | 100         | 12.7         | 0.136       | 41.9         | 0.448       | 127          | 1.36        | 206          | 2.20        | 346          | 3.70        |
|       | 10          | 13.0         | 0.014       | 43.0         | 0.046       | 132          | 0.141       | 214          | 0.228       | 361          | 0.386       |
| 1.5:1 | 1450        |              |             |              |             | 117          | 12.1        | 145          | 15.0        | 185          | 19.1        |
|       | 1150        |              |             |              |             | 122          | 9.96        | 147          | 12.0        | 188          | 15.4        |
|       | 870         |              |             |              |             | 123          | 7.66        | 150          | 9.30        | 191          | 11.8        |
|       | 580         |              |             |              |             | 126          | 5.23        | 153          | 6.32        | 197          | 8.14        |
|       | 400         |              |             |              |             | 128          | 3.66        | 155          | 4.41        | 200          | 5.70        |
|       | 300         |              |             |              |             | 129          | 2.77        | 157          | 3.35        | 203          | 4.34        |
|       | 200         |              |             |              |             | 131          | 1.87        | 160          | 2.28        | 204          | 2.91        |
|       | 100         |              |             |              |             | 134          | 0.957       | 163          | 1.16        | 210          | 1.49        |
|       | 10          |              |             |              |             | 139          | 0.099       | 169          | 0.12        | 218          | 0.155       |
| 2:1   | 1450        | 12.1         | 0.94        | 42.8         | 3.32        | 102          | 7.90        | 137          | 10.6        | 180          | 14.0        |
|       | 1150        | 12           | 0.74        | 43.4         | 2.67        | 104          | 6.39        | 139          | 8.55        | 183          | 11.3        |
|       | 870         | 12           | 0.56        | 43.8         | 2.04        | 105          | 4.88        | 141          | 6.56        | 187          | 8.70        |
|       | 580         | 11.9         | 0.37        | 44.4         | 1.38        | 108          | 3.34        | 144          | 4.47        | 191          | 5.92        |
|       | 400         | 12.2         | 0.26        | 45.1         | 0.96        | 109          | 2.33        | 146          | 3.12        | 194          | 4.15        |
|       | 300         | 11.9         | 0.19        | 45.5         | 0.73        | 110          | 1.76        | 148          | 2.37        | 196          | 3.14        |
|       | 200         | 12.2         | 0.13        | 46.1         | 0.49        | 111          | 1.18        | 149          | 1.59        | 198          | 2.12        |
|       | 100         | 11.2         | 0.06        | 46.6         | 0.25        | 114          | 0.608       | 152          | 0.812       | 202          | 1.08        |
|       | 10          | 28.1         | 0.015       | 48.5         | 0.026       | 116          | 0.062       | 157          | 0.084       | 209          | 0.112       |
| 2.5:1 | 1450        |              |             |              |             | 96.2         | 5.97        | 113          | 6.99        | 184          | 11.4        |
|       | 1150        |              |             |              |             | 97.2         | 4.78        | 115          | 5.64        | 185          | 9.11        |
|       | 870         |              |             |              |             | 99.0         | 3.68        | 116          | 4.30        | 188          | 7.00        |
|       | 580         |              |             |              |             | 100.0        | 2.48        | 118          | 2.92        | 192          | 4.76        |
|       | 400         |              |             |              |             | 100.9        | 1.73        | 120          | 2.05        | 195          | 3.34        |
|       | 300         |              |             |              |             | 102.9        | 1.32        | 121          | 1.55        | 197          | 2.53        |
|       | 200         |              |             |              |             | 103.9        | 0.888       | 123          | 1.05        | 200          | 1.71        |
|       | 100         |              |             |              |             | 104.9        | 0.448       | 123          | 0.528       | 203          | 0.867       |
|       | 10          |              |             |              |             | 107.8        | 0.046       | 126          | 0.054       | 208          | 0.089       |
| 3:1   | 1450        |              |             |              |             | 93.6         | 4.84        | 105          | 5.42        | 159          | 8.20        |
|       | 1150        |              |             |              |             | 94.8         | 3.88        | 106          | 4.34        | 160          | 6.55        |
|       | 870         |              |             |              |             | 95.9         | 2.97        | 108          | 3.34        | 163          | 5.04        |
|       | 580         |              |             |              |             | 97.6         | 2.02        | 109          | 2.25        | 166          | 3.42        |
|       | 400         |              |             |              |             | 99.0         | 1.41        | 111          | 1.58        | 168          | 2.39        |
|       | 300         |              |             |              |             | 100          | 1.07        | 111          | 1.18        | 169          | 1.80        |
|       | 200         |              |             |              |             | 100          | 0.712       | 113          | 0.803       | 171          | 1.22        |
|       | 100         |              |             |              |             | 102          | 0.363       | 115          | 0.409       | 173          | 0.618       |
|       | 10          |              |             |              |             | 104          | 0.037       | 118          | 0.042       | 179          | 0.064       |
| 4:1   | 1450        |              |             |              |             | 80.6         | 3.12        | 93.4         | 3.62        | 124          | 4.80        |
|       | 1150        |              |             |              |             | 81.5         | 2.50        | 94.3         | 2.90        | 125          | 3.83        |
|       | 870         |              |             |              |             | 82.4         | 1.92        | 95.9         | 2.23        | 127          | 2.95        |
|       | 580         |              |             |              |             | 84.1         | 1.30        | 96.9         | 1.50        | 129          | 2.00        |
|       | 400         |              |             |              |             | 85.1         | 0.91        | 98.7         | 1.05        | 131          | 1.40        |
|       | 300         |              |             |              |             | 86.1         | 0.69        | 98.3         | 0.79        | 131          | 1.05        |
|       | 200         |              |             |              |             | 86.0         | 0.46        | 101          | 0.54        | 134          | 0.71        |
|       | 100         |              |             |              |             | 87.7         | 0.23        | 101          | 0.27        | 135          | 0.36        |
|       | 10          |              |             |              |             | 89.3         | 0.02        | 101          | 0.03        | 140          | 0.04        |
| 5:1   | 1450        |              |             |              |             | 52.0         | 1.61        | 57.4         | 1.78        | 68.7         | 2.13        |
|       | 1150        |              |             |              |             | 52.5         | 1.29        | 58.0         | 1.43        | 69.2         | 1.70        |
|       | 870         |              |             |              |             | 53.2         | 0.99        | 59.0         | 1.10        | 70.4         | 1.31        |
|       | 580         |              |             |              |             | 54.2         | 0.67        | 59.6         | 0.74        | 71.7         | 0.89        |
|       | 400         |              |             |              |             | 54.9         | 0.47        | 60.7         | 0.52        | 72.6         | 0.62        |
|       | 300         |              |             |              |             | 55.5         | 0.36        | 60.4         | 0.39        | 72.9         | 0.47        |
|       | 200         |              |             |              |             | 55.4         | 0.24        | 61.7         | 0.26        | 74.1         | 0.32        |
|       | 100         |              |             |              |             | 56.5         | 0.12        | 62.9         | 0.13        | 75.1         | 0.16        |
|       | 10          |              |             |              |             | 57.6         | 0.01        | 64.5         | 0.01        | 77.8         | 0.02        |

1、横轴转速未达到10r/min时，请使用10r/min的数据。 1、Horizontal speed  $n > 10r/min$   $n = 10r/min$

注：图中阴影表格内涂阴影线的型号产品，定货时请与厂方咨询。

Please inquire with manufacturer when you will purchase types with shadow backgrounds in catalog.

**T 系列传动能力表:**  
**T performance value table:**

| i     | n1<br>r/min | T10          |             | T12          |             | T16          |             | T20          |             | T25          |             |
|-------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|--------------|-------------|
|       |             | MN2<br>(N.m) | PN1<br>(kW) | MN2<br>(N.m) | PN1<br>(kW) | MN2<br>(N.m) | PN1<br>(kW) | MN2<br>(N.m) | PN1<br>(kW) | MN2<br>(N.m) | PN1<br>(kW) |
| 1:1   | 1450        | 421          | 65.3        | 619          | 96.0        | 1019         | 163         | 1842         | 234         | 3489         | 335         |
|       | 1150        | 453          | 56.7        | 665          | 81.7        | 1098         | 139         | 1842         | 234         | 3489         | 335         |
|       | 870         | 479          | 44.6        | 726          | 67.5        | 1186         | 114         | 2009         | 193         | 3489         | 335         |
|       | 580         | 493          | 30.6        | 802          | 49.7        | 1343         | 85.9        | 2274         | 115         | 3940         | 252         |
|       | 400         | 504          | 21.5        | 821          | 35.1        | 1499         | 66.1        | 2538         | 112         | 4410         | 195         |
|       | 300         | 513          | 16.4        | 835          | 26.8        | 1637         | 54.1        | 2744         | 90.8        | 4792         | 159         |
|       | 200         | 521          | 11.1        | 852          | 18.2        | 1784         | 39.3        | 3126         | 69.0        | 5390         | 119         |
|       | 100         | 535          | 5.72        | 875          | 9.36        | 1842         | 20.3        | 3205         | 35.3        | 5439         | 60.0        |
|       | 10          | 561          | 0.599       | 919          | 0.983       | 1940         | 2.14        | 3205         | 3.53        | 5713         | 6.30        |
|       | 1450        | 374          | 38.7        | 564          | 58.3        |              |             |              |             |              |             |
| 1.5:1 | 1150        | 380          | 31.2        | 601          | 49.2        |              |             |              |             |              |             |
|       | 870         | 389          | 24.1        | 656          | 40.7        |              |             |              |             |              |             |
|       | 580         | 396          | 16.4        | 699          | 28.9        |              |             |              |             |              |             |
|       | 400         | 406          | 11.6        | 711          | 20.3        |              |             |              |             |              |             |
|       | 300         | 411          | 8.78        | 724          | 15.5        |              |             |              |             |              |             |
|       | 200         | 417          | 5.95        | 736          | 10.5        |              |             |              |             |              |             |
|       | 100         | 426          | 3.04        | 754          | 5.37        |              |             |              |             |              |             |
|       | 10          | 443          | 0.316       | 785          | 0.56        |              |             |              |             |              |             |
|       | 1450        | 305          | 23.6        | 516          | 40.0        | 921          | 73.7        | 1878         | 126         | 3146         | 189         |
|       | 1150        | 309          | 19.0        | 516          | 31.7        | 938          | 59.5        | 1607         | 102         | 3146         | 189         |
| 2:1   | 870         | 315          | 14.6        | 516          | 24.0        | 958          | 46.0        | 1646         | 79.0        | 3224         | 155         |
|       | 580         | 322          | 10.0        | 524          | 16.3        | 980          | 31.3        | 1695         | 54.2        | 3332         | 107         |
|       | 400         | 328          | 7.02        | 538          | 11.5        | 1000         | 22.0        | 1725         | 38.0        | 3420         | 75.4        |
|       | 300         | 332          | 5.33        | 543          | 8.71        | 1009         | 16.7        | 1754         | 29.0        | 3479         | 57.5        |
|       | 200         | 338          | 3.61        | 551          | 5.89        | 1029         | 11.3        | 1784         | 19.7        | 3557         | 39.2        |
|       | 100         | 344          | 1.84        | 563          | 3.01        | 1058         | 5.84        | 1833         | 10.1        | 3646         | 20.1        |
|       | 10          | 357          | 0.191       | 586          | 0.313       | 1098         | 0.605       | 1921         | 1.06        | 3822         | 2.11        |
|       | 1450        | 293          | 18.2        | 507          | 31.4        |              |             |              |             |              |             |
|       | 1150        | 298          | 14.7        | 514          | 25.3        |              |             |              |             |              |             |
|       | 870         | 302          | 11.2        | 523          | 19.5        |              |             |              |             |              |             |
| 2.5:1 | 580         | 310          | 7.68        | 535          | 13.3        |              |             |              |             |              |             |
|       | 400         | 315          | 5.38        | 545          | 9.32        |              |             |              |             |              |             |
|       | 300         | 317          | 4.06        | 552          | 7.08        |              |             |              |             |              |             |
|       | 200         | 321          | 2.75        | 560          | 4.79        |              |             |              |             |              |             |
|       | 100         | 326          | 1.40        | 568          | 2.43        |              |             |              |             |              |             |
|       | 10          | 336          | 0.144       | 588          | 0.251       |              |             |              |             |              |             |
|       | 1450        | 270          | 14.0        | 458          | 23.6        | 904          | 48.2        | 1529         | 82.3        | 2935         | 158         |
|       | 1150        | 275          | 11.3        | 464          | 19.0        | 920          | 38.9        | 1561         | 66.6        | 3045         | 130         |
|       | 870         | 279          | 8.66        | 469          | 14.6        | 940          | 30.1        | 1598         | 51.6        | 3135         | 101         |
|       | 580         | 285          | 5.89        | 480          | 9.92        | 960          | 20.4        | 1644         | 35.4        | 3246         | 69.9        |
| 3:1   | 400         | 288          | 4.11        | 490          | 6.98        | 978          | 14.4        | 1672         | 24.8        | 3317         | 49.3        |
|       | 300         | 291          | 3.11        | 495          | 5.29        | 990          | 10.9        | 1701         | 18.9        | 3372         | 37.6        |
|       | 200         | 294          | 2.10        | 501          | 3.57        | 1005         | 7.38        | 1733         | 12.9        | 3449         | 25.6        |
|       | 100         | 300          | 1.07        | 510          | 1.82        | 1038         | 3.82        | 1777         | 6.60        | 3537         | 13.1        |
|       | 10          | 308          | 0.110       | 527          | 0.188       | 1076         | 0.40        | 1865         | 0.69        | 3713         | 1.4         |
|       | 1450        | 241          | 9.35        | 434          | 16.8        | 850          | 34.3        | 1452         | 58.7        | 2798         | 113         |
|       | 1150        | 246          | 7.54        | 441          | 13.5        | 865          | 27.7        | 1483         | 47.5        | 2892         | 92.6        |
|       | 870         | 249          | 5.78        | 448          | 10.4        | 884          | 21.4        | 1518         | 36.8        | 2978         | 72.2        |
|       | 580         | 254          | 3.93        | 456          | 7.07        | 902          | 14.6        | 1562         | 25.2        | 3084         | 49.8        |
|       | 400         | 257          | 2.74        | 465          | 4.97        | 919          | 10.2        | 1588         | 17.7        | 3151         | 35.1        |
| 4:1   | 300         | 259          | 2.08        | 470          | 3.77        | 930          | 7.8         | 1616         | 13.5        | 3204         | 26.8        |
|       | 200         | 262          | 1.40        | 476          | 2.54        | 944          | 5.3         | 1646         | 9.17        | 3276         | 18.2        |
|       | 100         | 267          | 0.71        | 485          | 1.30        | 976          | 2.7         | 1688         | 4.70        | 3360         | 9.36        |
|       | 10          | 275          | 0.07        | 501          | 0.13        | 1011         | 0.3         | 1772         | 0.49        | 3527         | 0.98        |
|       | 1450        | 136          | 4.21        | 296          | 9.18        | 814          | 26.3        | 1391         | 44.9        | 2631         | 85.0        |
|       | 1150        | 138          | 3.39        | 301          | 7.39        | 828          | 21.2        | 1420         | 36.4        | 2771         | 71.0        |
|       | 870         | 140          | 2.60        | 305          | 5.68        | 847          | 16.4        | 1454         | 28.2        | 2853         | 55.3        |
|       | 580         | 143          | 1.77        | 311          | 3.86        | 864          | 11.2        | 1496         | 19.3        | 2954         | 38.2        |
|       | 400         | 144          | 1.23        | 318          | 2.72        | 881          | 7.85        | 1521         | 13.6        | 3018         | 26.9        |
|       | 300         | 146          | 0.93        | 321          | 2.06        | 891          | 5.96        | 1548         | 10.3        | 3069         | 20.5        |
| 5:1   | 200         | 148          | 0.63        | 325          | 1.39        | 905          | 4.03        | 1577         | 7.03        | 3138         | 14.0        |
|       | 100         | 150          | 0.32        | 331          | 0.71        | 935          | 2.08        | 1617         | 3.60        | 3218         | 7.17        |
|       | 10          | 155          | 0.03        | 342          | 0.07        | 969          | 0.22        | 1697         | 0.38        | 3378         | 0.75        |

1、横轴转速未达到10r/min时, 请使用10r/min的数据。 1、Horizontal speed  $n > 10r/min$   $n = 10r/min$

注: 图中本中选型表格内涂阴影线的型号产品, 定货时请与厂方咨询。

Please inquire with manufacturer when you will purchase types with shadow backgrounds in catalog.

T 系列径向载荷表(Fr):

T performance value table(Fr):

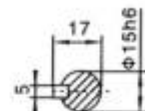
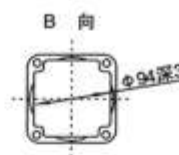
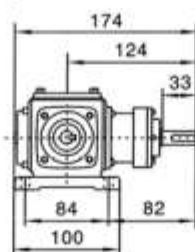
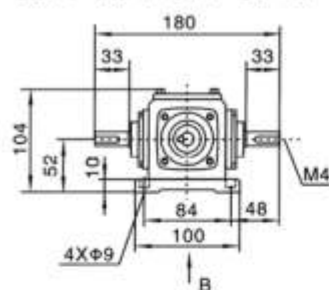
| i N                                  | n1<br>(r/min) | T2         |          | T4         |          | T6         |          | T7         |          | T8         |          | T10        |          | T12        |          | T16        |          | T20        |          | T25        |          |
|--------------------------------------|---------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|
|                                      |               | 横轴         | 纵轴       | 横轴         | 纵轴       | 横轴         | 纵轴       | 横轴         | 纵轴       | 横轴         | 纵轴       | 横轴         | 纵轴       | 横轴         | 纵轴       | 横轴         | 纵轴       | 横轴         | 纵轴       | 横轴         | 纵轴       |
|                                      |               | Horizontal | Vertical | Horizontal | Vertical | Horizontal | Vertical | Horizontal | Vertical | Horizontal | Vertical | Horizontal | Vertical | Horizontal | Vertical | Horizontal | Vertical | Horizontal | Vertical | Horizontal | Vertical |
| 1 : 1                                | 1450          | 265        | 216      | 833        | 951      | 1911       | 2450     | 2450       | 3136     | 3234       | 3381     | 4165       | 4508     | 5096       | 5586     | 10633      | 10976    |            |          |            |          |
|                                      | 1150          | 323        | 235      | 882        | 1029     | 2058       | 2597     | 2744       | 3234     | 3479       | 3626     | 4459       | 4851     | 5488       | 6076     | 11368      | 11760    | 15386      | 15608    |            |          |
|                                      | 870           | 402        | 255      | 960        | 1127     | 2205       | 2842     | 2989       | 3381     | 3773       | 3969     | 4851       | 5292     | 5880       | 6566     | 12446      | 12740    | 16660      | 17150    | 24794      | 25480    |
|                                      | 580           | 549        | 314      | 1078       | 1323     | 2499       | 3185     | 3381       | 3822     | 4263       | 4459     | 5488       | 5880     | 6713       | 7301     | 14014      | 14504    | 18816      | 19404    | 28028      | 28910    |
|                                      | 400           | 637        | 353      | 1372       | 1715     | 3185       | 3528     | 4018       | 4900     | 4851       | 5978     | 6272       | 7056     | 7742       | 8134     | 15680      | 16170    | 21070      | 21756    | 31360      | 32340    |
|                                      | 300           | 696        | 392      | 1519       | 1960     | 3430       | 3528     | 4410       | 5537     | 5243       | 6958     | 6713       | 7987     | 8232       | 9065     | 17150      | 17640    | 23422      | 24108    | 34300      | 35280    |
|                                      | 200           | 784        | 441      | 1911       | 1960     | 3430       | 3528     | 5096       | 6272     | 7889       | 8820     | 8575       | 9604     | 9261       | 10290    | 19600      | 19894    | 25970      | 26754    | 38612      | 39788    |
|                                      | 100           | 980        | 588      | 1911       | 1960     | 3430       | 3528     | 5096       | 6272     | 8428       | 8820     | 9996       | 11760    | 11368      | 12593    | 22540      | 22540    | 28420      | 32928    | 39200      | 49000    |
|                                      | 10            | 980        | 588      | 1911       | 1960     | 3430       | 3528     | 5096       | 6272     | 8428       | 8820     | 9996       | 11760    | 11858      | 14504    | 22540      | 22540    | 28420      | 33320    | 39200      | 49000    |
| 1.5 : 1<br>2 : 1<br>2.5 : 1<br>3 : 1 | 1450          |            |          | 1078       | 1960     | 2548       | 2842     | 3430       | 5390     | 4361       | 7987     | 5194       | 9212     | 5978       | 10486    | 5978       | 12152    | 7693       | 14602    |            |          |
|                                      | 1150          |            |          | 1078       | 1960     | 3038       | 3087     | 4067       | 5978     | 5096       | 8820     | 6174       | 10486    | 7252       | 12152    | 6419       | 13083    | 8771       | 17934    | 12985      | 24647    |
|                                      | 870           |            |          | 1078       | 1960     | 3430       | 3332     | 4753       | 6076     | 6076       | 8820     | 7448       | 11760    | 8869       | 14504    | 6958       | 14210    | 9506       | 19453    | 13573      | 29400    |
|                                      | 580           |            |          | 1078       | 1960     | 3430       | 3528     | 5096       | 6174     | 7644       | 8820     | 9555       | 11760    | 11406      | 14504    | 7840       | 16072    | 10780      | 22001    | 15680      | 33222    |
|                                      | 400           |            |          | 1078       | 1960     | 3430       | 3528     | 5096       | 6272     | 8428       | 8820     | 9996       | 11760    | 11858      | 14504    | 8820       | 17934    | 12005      | 24598    | 17542      | 37142    |
|                                      | 300           |            |          | 1078       | 1960     | 3430       | 3528     | 5096       | 6272     | 8428       | 8820     | 9996       | 11760    | 11858      | 14504    | 9604       | 19600    | 13132      | 27342    | 19159      | 40474    |
|                                      | 200           |            |          | 1078       | 1960     | 3430       | 3528     | 5096       | 6272     | 8428       | 8820     | 9996       | 11760    | 11858      | 14504    | 10829      | 22148    | 14798      | 30282    | 21658      | 45766    |
|                                      | 100           |            |          | 1078       | 1960     | 3430       | 3528     | 5096       | 6272     | 8428       | 8820     | 9996       | 11760    | 11858      | 14504    | 13328      | 22540    | 18228      | 33320    | 26656      | 49000    |
|                                      | 10            |            |          | 1078       | 1960     | 3430       | 3528     | 5096       | 6272     | 8428       | 8820     | 9996       | 11760    | 11858      | 14504    | 22540      | 22540    | 28420      | 33320    | 39200      | 49000    |

备注：各规格最低的输出转速按以上最大Fr值。

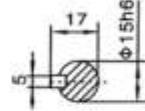
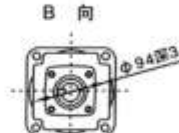
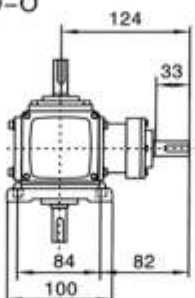
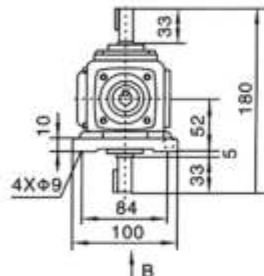
The lowest output rotation rate of each specification  
according to above biggest Fr data

## YFT2

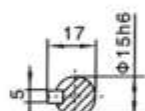
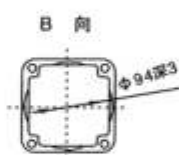
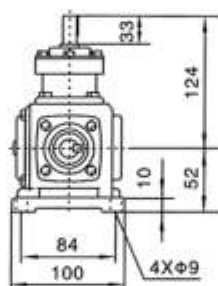
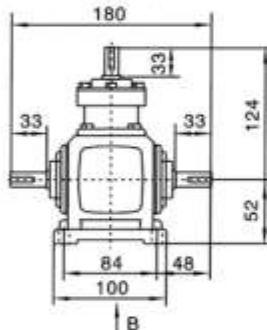
1-LR、1-R、1-L、1-LR-O、1-R-O、1-L-O



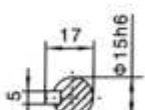
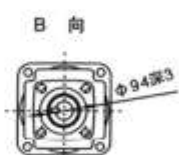
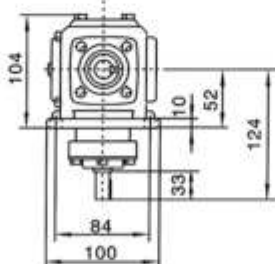
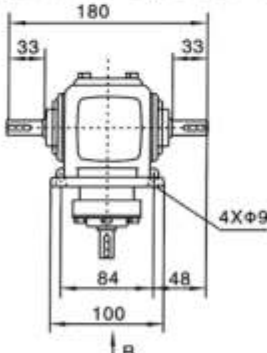
1-UD、1-U、1-D、1-UD-O、1-U-O、1-D-O



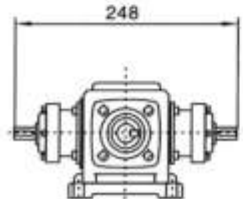
U-LR、U-R、U-L、U-LR-O、U-R-O、U-L-O



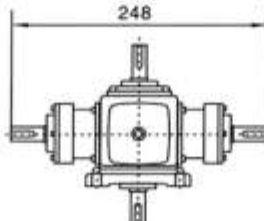
D-LR、D-R、D-L、D-LR-O、D-R-O、D-L-O



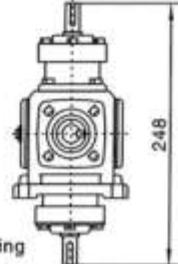
1-1-LR、1-1-R、1-1-L  
1-1-LR-O、1-1-R-O、1-1-L-O



1-1-UD、1-1-U、1-1-D  
1-1-UD-O、1-1-U-O、1-1-D-O



U-D-LR、U-D-R、U-D-L  
U-D-LR-O、U-D-R-O、U-D-L-O

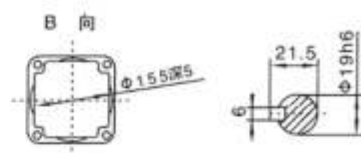
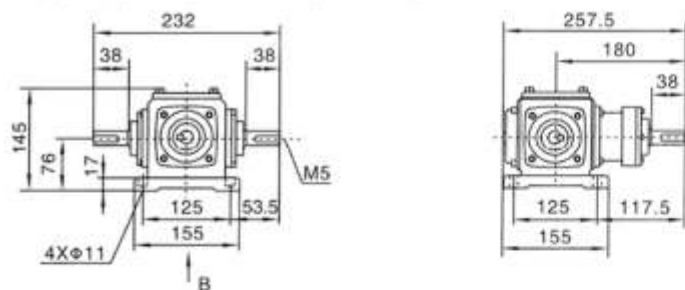


注：YFT壳体为通用件,安装尺寸均可相互参照。

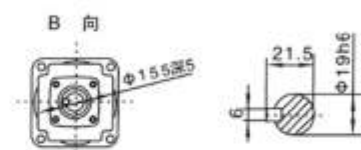
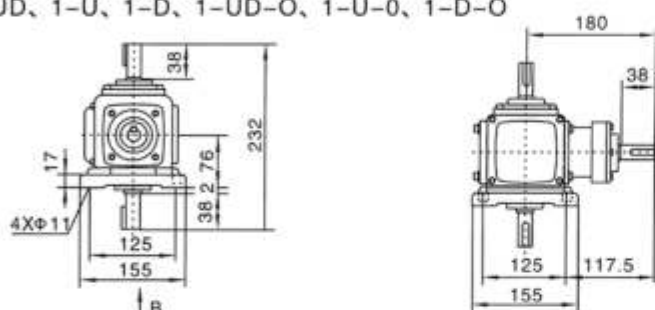
Note: The housings of YFT are common parts. The mounting dimensions may consult each other.

## YFT4

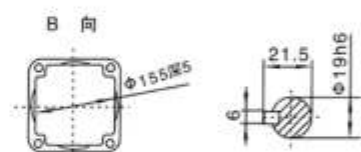
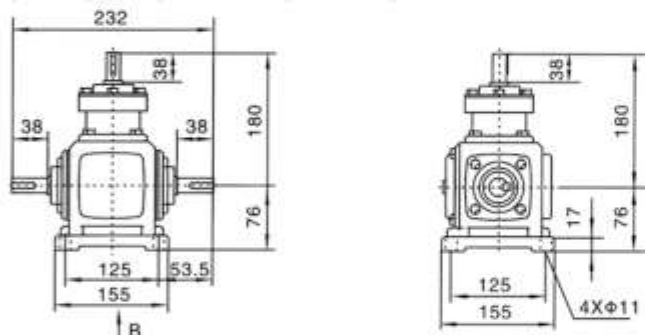
1-LR、1-R、1-L、1-LR-O、1-R-O、1-L-O



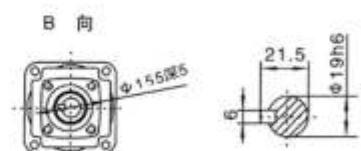
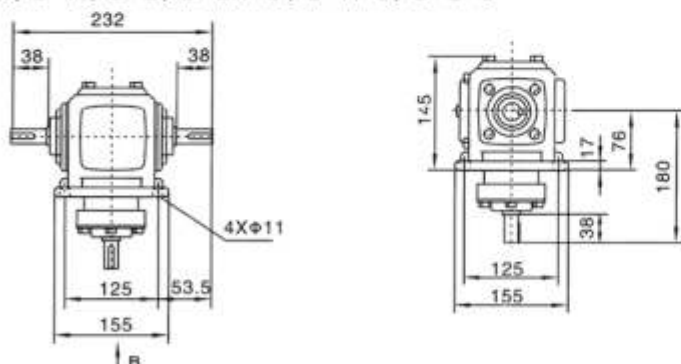
1-UD、1-U、1-D、1-UD-O、1-U-O、1-D-O



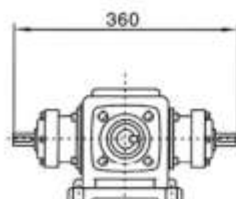
U-LR、U-R、U-L、U-LR-O、U-R-O、U-L-O



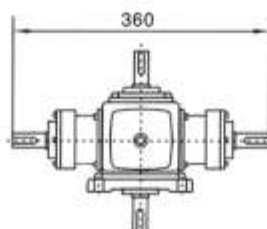
D-LR、D-R、D-L、D-LR-O、D-R-O、D-L-O



1-1-LR、1-1-R、1-1-L  
1-1-LR-O、1-1-R-O、1-1-L-O



1-1-UD、1-1-U、1-1-D  
1-1-UD-O、1-1-U-O、1-1-D-O



U-D-LR、U-D-R、U-D-L  
U-D-LR-O、U-D-R-O、U-D-L-O

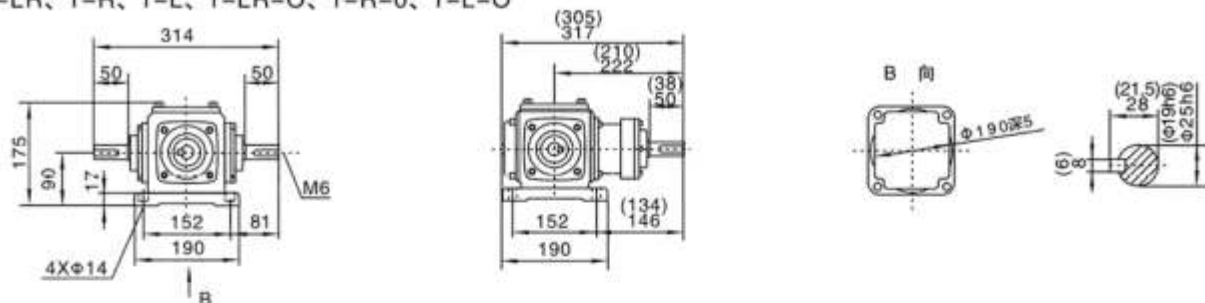


注：YFT壳体为通用件，安装尺寸均可相互参照。

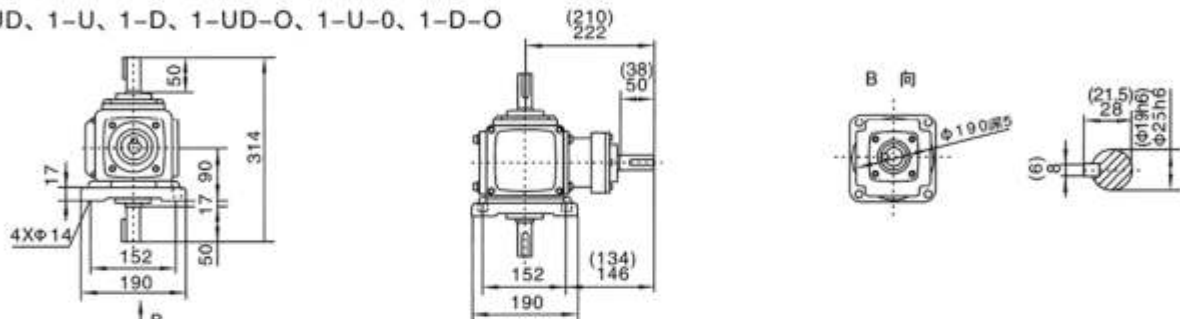
Note: The housings of YFT are common parts. The mounting dimensions may consult each other.

# YFT6

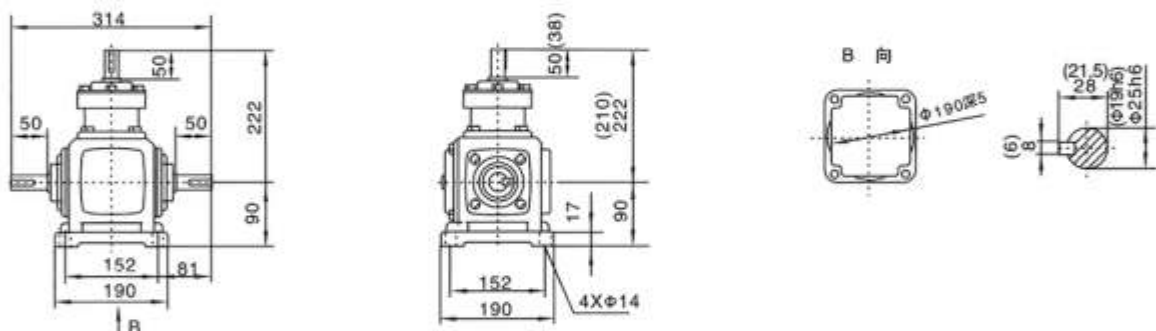
1-LR、1-R、1-L、1-LR-O、1-R-O、1-L-O



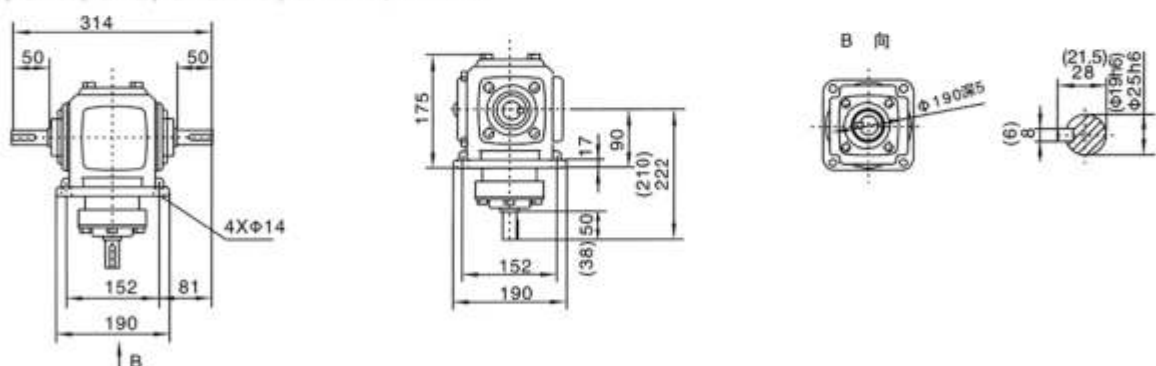
1-UD、1-U、1-D、1-UD-O、1-U-O、1-D-O



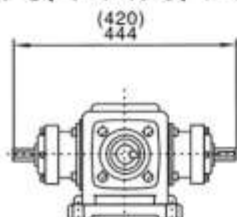
U-LR、U-R、U-L、U-LR-O、U-R-O、U-L-O



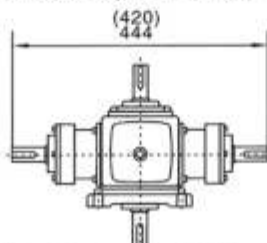
D-LR、D-R、D-L、D-LR-O、D-R-O、D-L-O



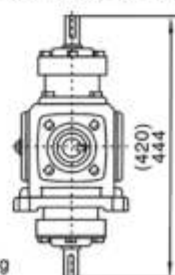
1-1-LR、1-1-R、1-1-L  
1-1-LR-O、1-1-R-O、1-1-L-O



1-1-UD、1-1-U、1-1-D  
1-1-UD-O、1-1-U-O、1-1-D-O



U-D-LR、U-D-R、U-D-L  
U-D-LR-O、U-D-R-O、U-D-L-O

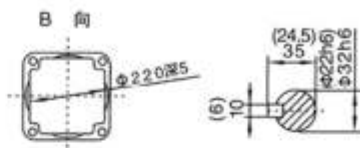
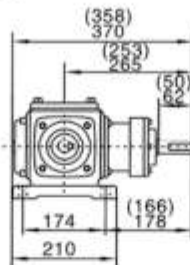
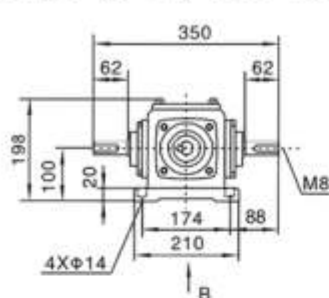


注：YFT壳体为通用件,安装尺寸均可相互参照。  
当4: 1; 5: 1横轴为括号内表示,纵轴尺寸  
不变

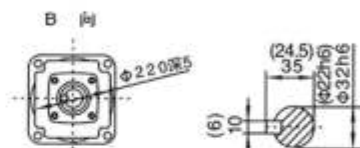
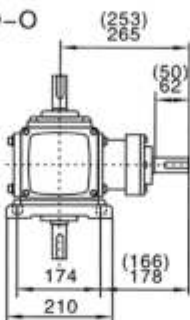
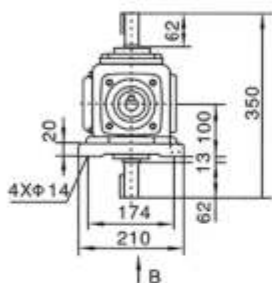
Note: The housing of YFT are common parts. The mounting  
dimensions may consult each other.  
When ratio is 4:1, 5:1, cross-shaft size marked in  
parenthesis, dimension of vertical shaft is changeless.

## YFT7

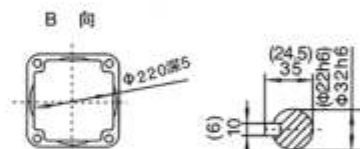
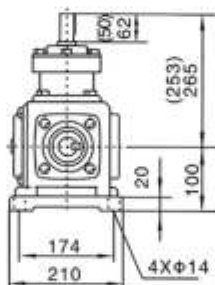
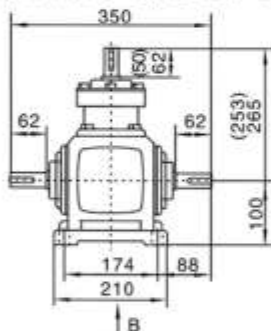
1-LR、1-R、1-L、1-LR-O、1-R-O、1-L-O



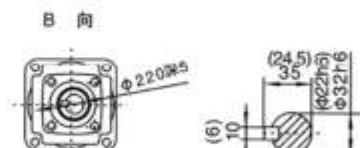
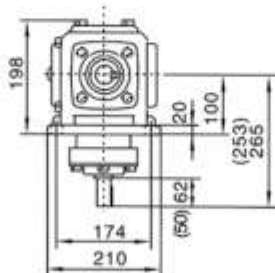
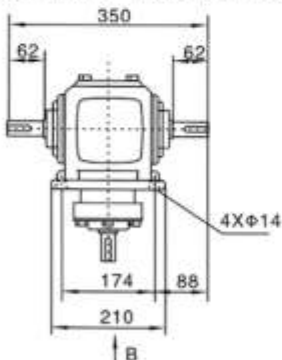
1-UD、1-U、1-D、1-UD-O、1-U-O、1-D-O



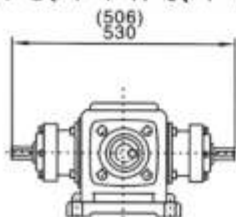
U-LR、U-R、U-L、U-LR-O、U-R-O、U-L-O



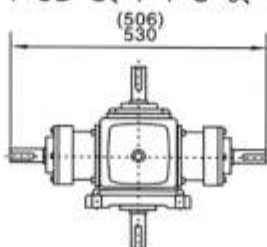
D-LR、D-R、D-L、D-LR-O、D-R-O、D-L-O



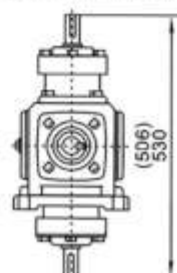
1-1-LR、1-1-R、1-1-L  
1-1-LR-O、1-1-R-O、1-1-L-O



1-1-UD、1-1-U、1-1-D  
1-1-UD-O、1-1-U-O、1-1-D-O



U-D-LR、U-D-R、U-D-L  
U-D-LR-O、U-D-R-O、U-D-L-O

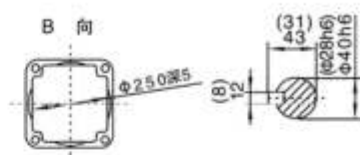
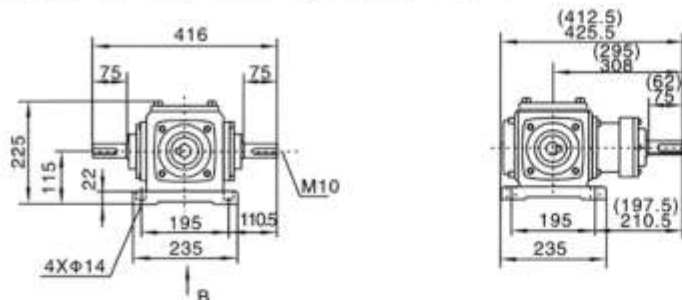


注：YFT壳体为通用件，安装尺寸均可相互参照。  
当4: 1; 5: 1横轴为括号内表示，纵轴尺寸不变

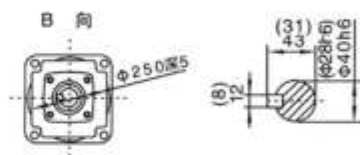
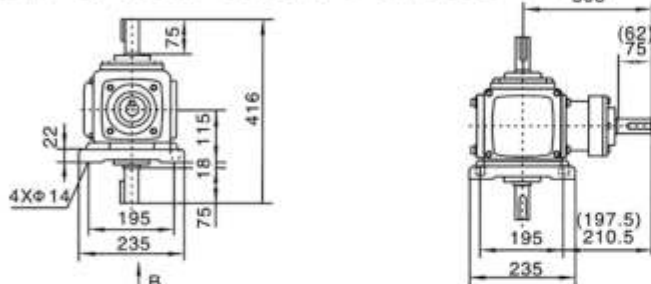
Note: The housing of YFT are common parts. The mounting dimensions may consult each other.  
When ratio is 4:1, 5:1, cross-shaft size marked in parenthesis, dimension of vertical shaft is changeless.

# YFT8

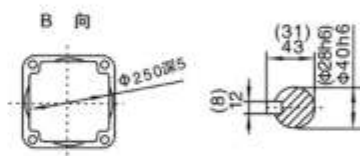
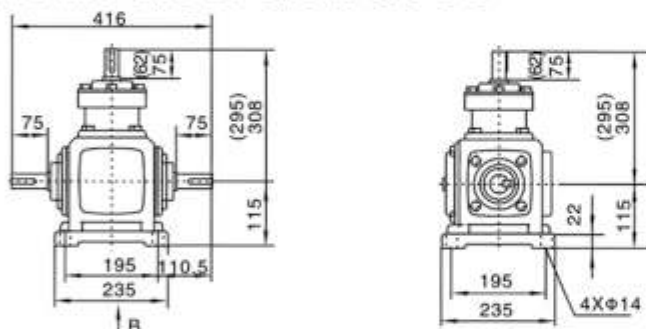
1-LR、1-R、1-L、1-LR-O、1-R-O、1-L-O



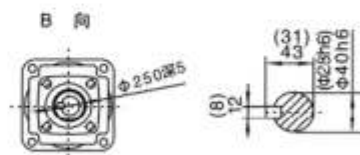
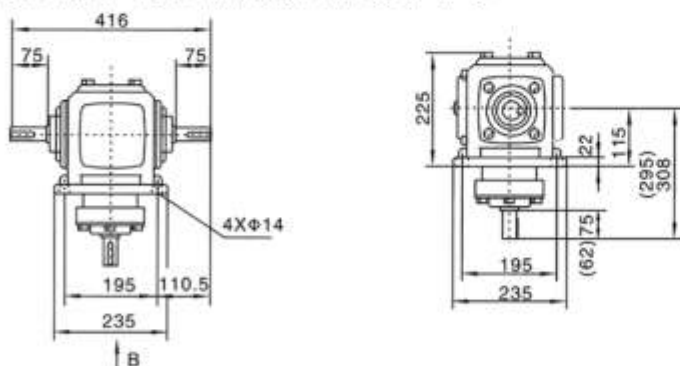
1-UD、1-U、1-D、1-UD-O、1-U-O、1-D-O



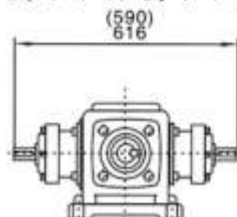
U-LR、U-R、U-L、U-LR-O、U-R-O、U-L-O



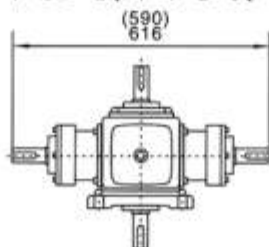
D-LR、D-R、D-L、D-LR-O、D-R-O、D-L-O



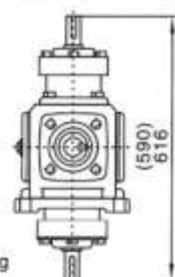
1-1-LR、1-1-R、1-1-L  
1-1-LR-O、1-1-R-O、1-1-L-O



1-1-UD、1-1-U、1-1-D  
1-1-UD-O、1-1-U-O、1-1-D-O



U-D-LR、U-D-R、U-D-L  
U-D-LR-O、U-D-R-O、U-D-L-O

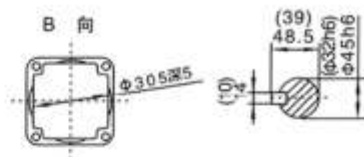
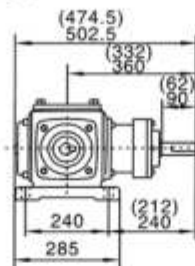
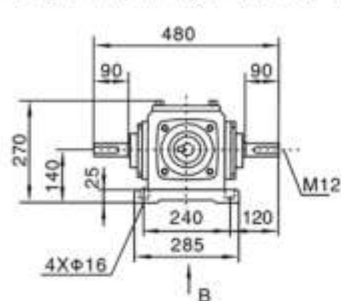


注：YFT壳体为通用件,安装尺寸均可相互参照。  
当4: 1; 5: 1横轴为括号内表示,纵轴尺寸  
不变

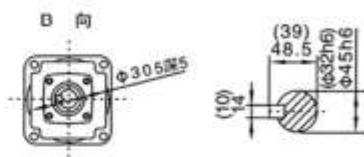
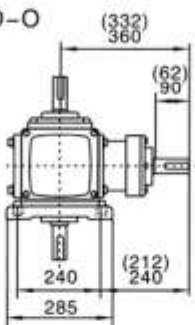
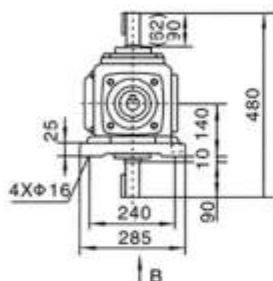
Note: The housing of YFT are common parts. The mounting  
dimensions may consult each other.  
When ratio is 4:1, 5:1, cross-shaft size marked in  
parenthesis, dimension of vertical shaft is changeless.

## YFT10

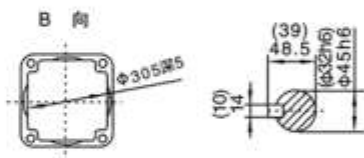
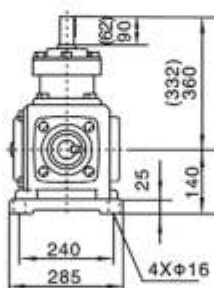
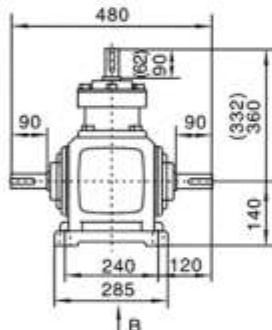
1-LR、1-R、1-L、1-LR-O、1-R-O、1-L-O



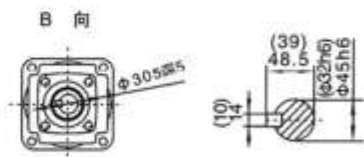
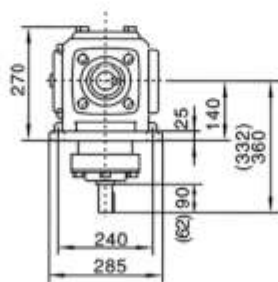
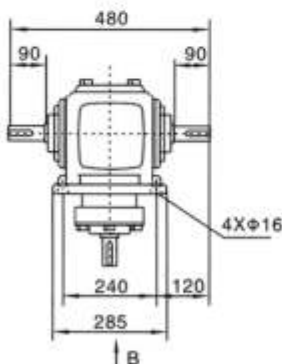
1-UD、1-U、1-D、1-UD-O、1-U-O、1-D-O



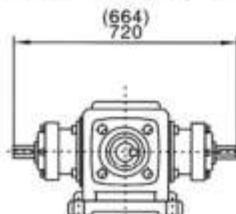
U-LR、U-R、U-L、U-LR-O、U-R-O、U-L-O



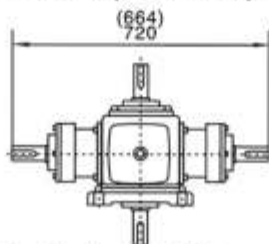
D-LR、D-R、D-L、D-LR-O、D-R-O、D-L-O



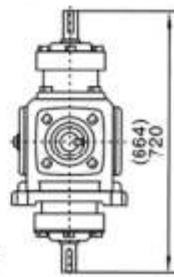
1-1-LR、1-1-R、1-1-L  
1-1-LR-O、1-1-R-O、1-1-L-O



1-1-UD、1-1-U、1-1-D  
1-1-UD-O、1-1-U-O、1-1-D-O



U-D-LR、U-D-R、U-D-L  
U-D-LR-O、U-D-R-O、U-D-L-O

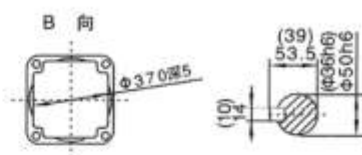
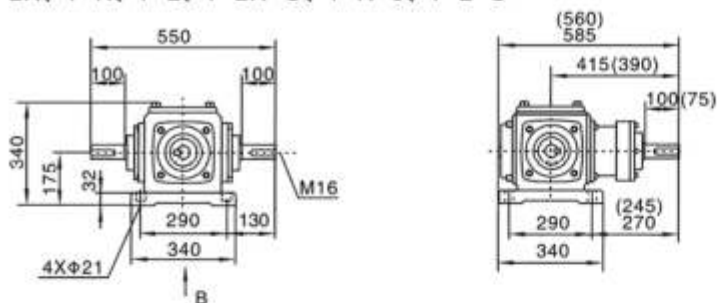


注：YFT壳体为通用件，安装尺寸均可相互参照。  
当4: 1; 5: 1横轴为括号内表示，纵轴尺寸不变

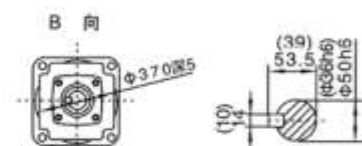
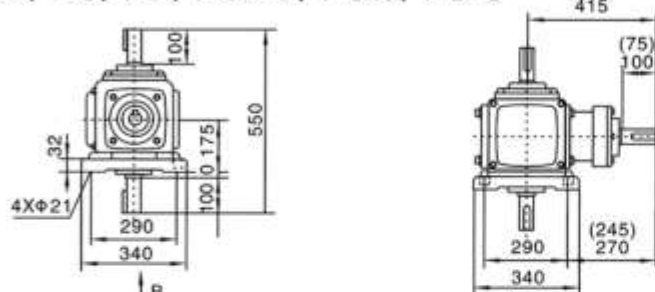
Note: The housing of YFT are common parts. The mounting dimensions may consult each other.  
When ratio is 4:1, 5:1, cross-shaft size marked in parenthesis, dimension of vertical shaft is changeless.

## YFT12

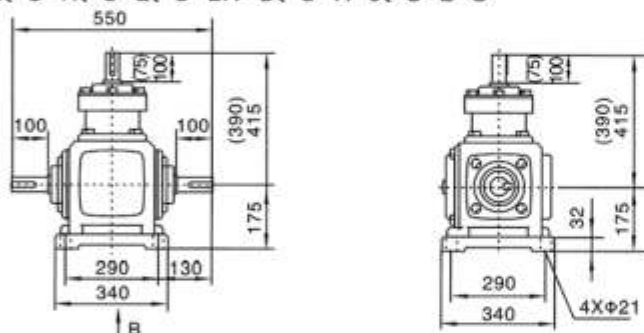
1-LR、1-R、1-L、1-LR-O、1-R-O、1-L-O



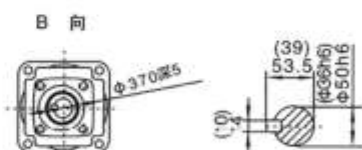
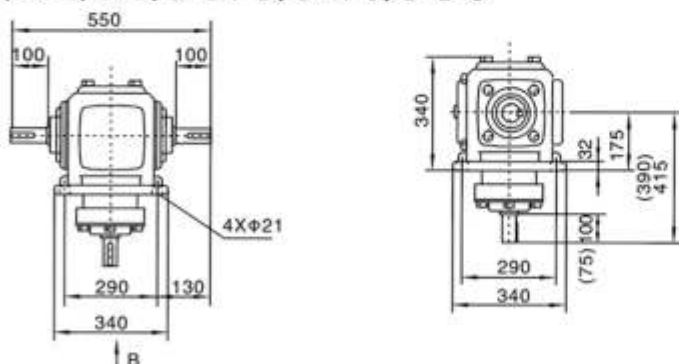
1-UD、1-U、1-D、1-UD-O、1-U-O、1-D-O



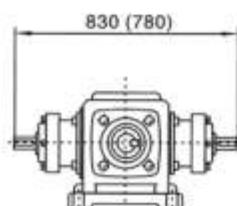
U-LR、U-R、U-L、U-LR-O、U-R-O、U-L-O



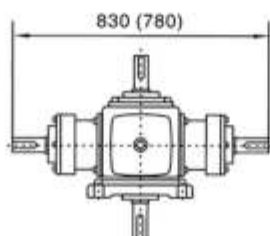
D-LR、D-R、D-L、D-LR-O、D-R-O、D-L-O



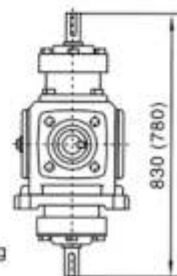
1-1-LR、1-1-R、1-1-L  
1-1-LR-O、1-1-R-O、1-1-L-O



1-1-UD、1-1-U、1-1-D  
1-1-UD-O、1-1-U-O、1-1-D-O



U-D-LR、U-D-R、U-D-L  
U-D-LR-O、U-D-R-O、U-D-L-O

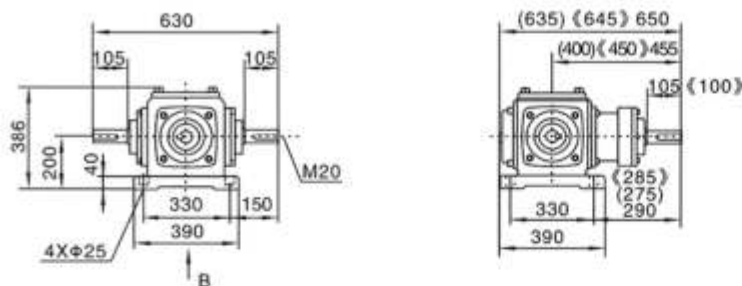


注：YFT壳体为通用件，安装尺寸均可相互参照。  
当4: 1; 5: 1横轴为括号内表示，纵轴尺寸不变

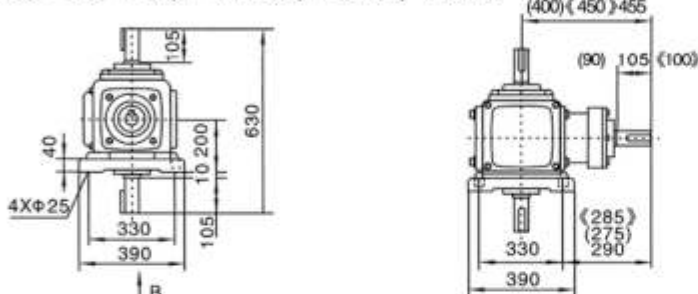
Note: The housing of YFT are common parts. The mounting dimensions may consult each other.  
When ratio is 4:1, 5:1, cross-shaft size marked in parenthesis, dimension of vertical shaft is changeless.

## YFT16

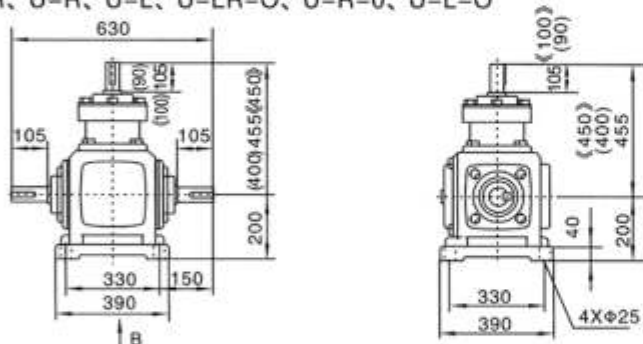
1-LR、1-R、1-L、1-LR-O、1-R-O、1-L-O



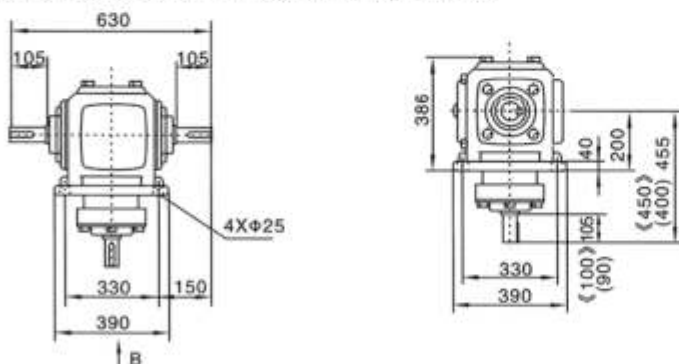
1-UD、1-U、1-D、1-UD-O、1-U-O、1-D-O



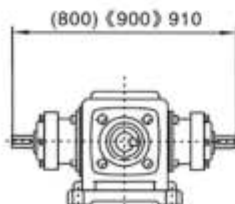
U-LR、U-R、U-L、U-LR-O、U-R-O、U-L-O



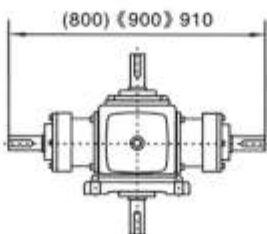
D-LR、D-R、D-L、D-LR-O、D-R-O、D-L-O



1-1-LR、1-1-R、1-1-L  
1-1-LR-O、1-1-R-O、1-1-L-O



1-1-UD、1-1-U、1-1-D  
1-1-UD-O、1-1-U-O、1-1-D-O



U-D-LR、U-D-R、U-D-L  
U-D-LR-O、U-D-R-O、U-D-L-O

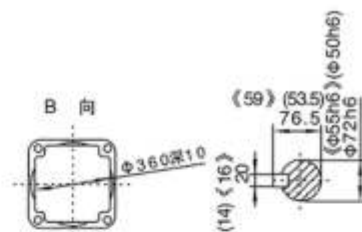
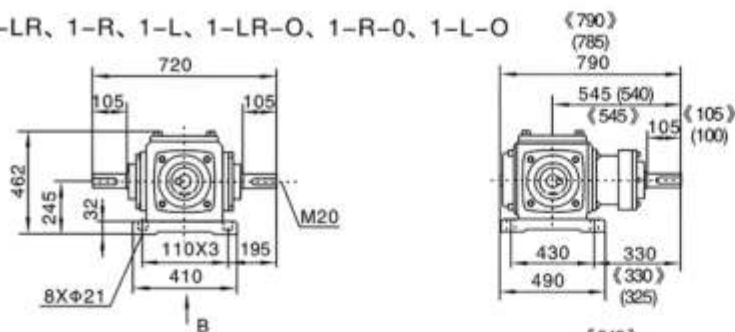


注：YFT壳体为通用件，安装尺寸均可相互参照。  
横轴当4:1为《》；5:1用（）表示纵轴尺寸  
不变

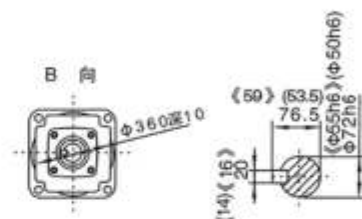
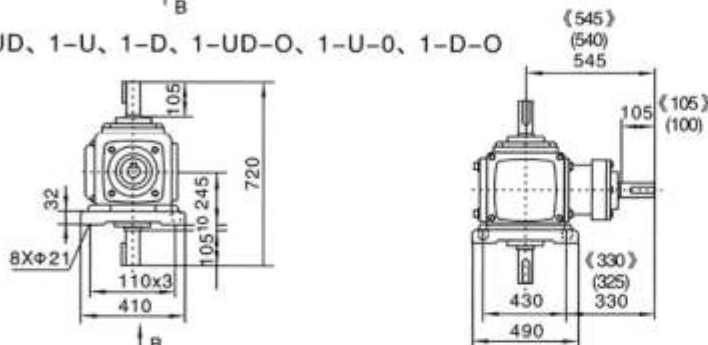
Note: The housing of YFT are common parts. The mounting dimensions may consult each other.  
When ratio is 4:1, cross-shaft size marked in double bracket; when ratio is 5:1, cross-shaft size marked in parenthesis, dimension of vertical shaft is changeless.

# YFT20

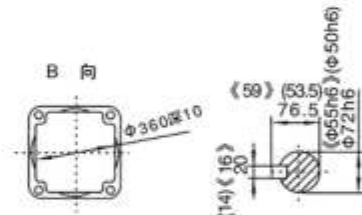
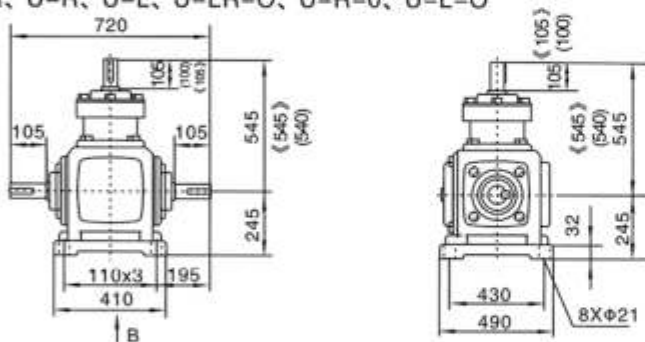
1-LR、1-R、1-L、1-LR-O、1-R-O、1-L-O



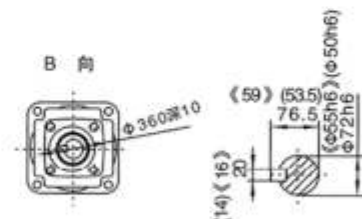
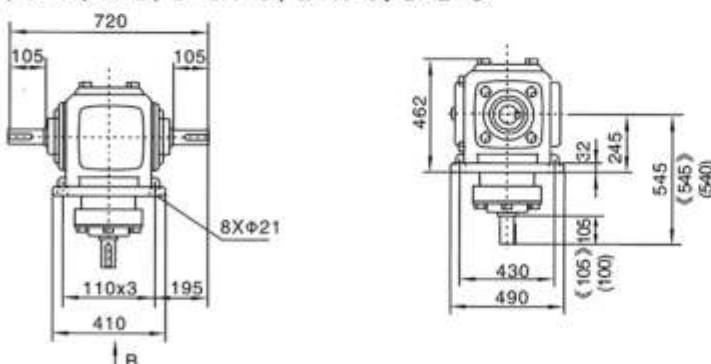
1-UD、1-U、1-D、1-UD-O、1-U-O、1-D-O



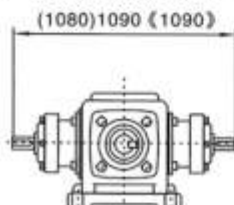
U-LR、U-R、U-L、U-LR-O、U-R-O、U-L-O



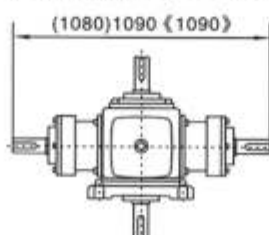
D-LR、D-R、D-L、D-LR-O、D-R-O、D-L-O



1-1-LR、1-1-R、1-1-L  
1-1-LR-O、1-1-R-O、1-1-L-O



1-1-UD、1-1-U、1-1-D  
1-1-UD-O、1-1-U-O、1-1-D-O



U-D-LR、U-D-R、U-D-L  
U-D-LR-O、U-D-R-O、U-D-L-O

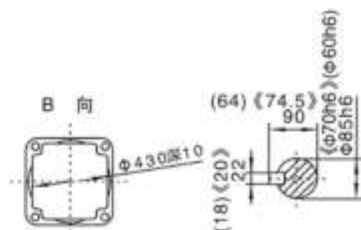
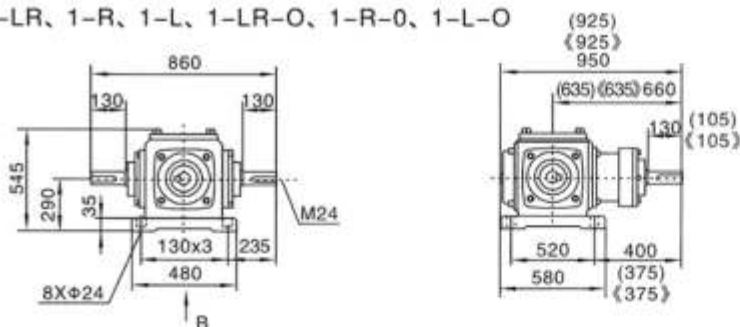


注：YFT壳体为通用件，安装尺寸均可相互参照。  
横轴当4:1为《》；5:1用（）表示纵轴尺寸  
不变

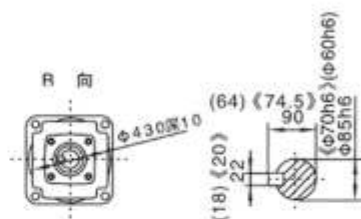
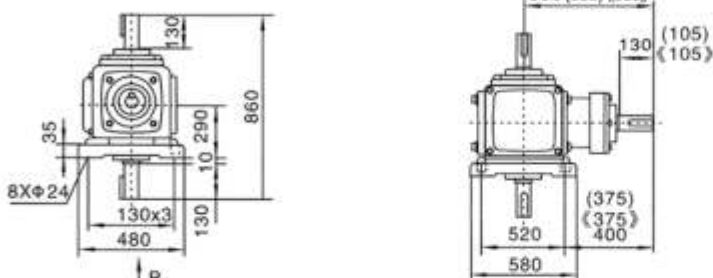
Note: The housing of YFT are common parts. The mounting dimensions may consult each other.  
When ratio is 4:1, cross-shaft size marked in double bracket; when ratio is 5:1, cross-shaft size marked in parenthesis, dimension of vertical shaft is changeless.

### YFT25

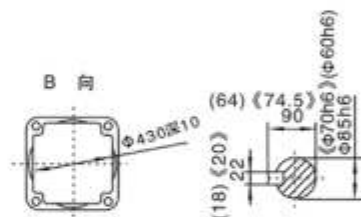
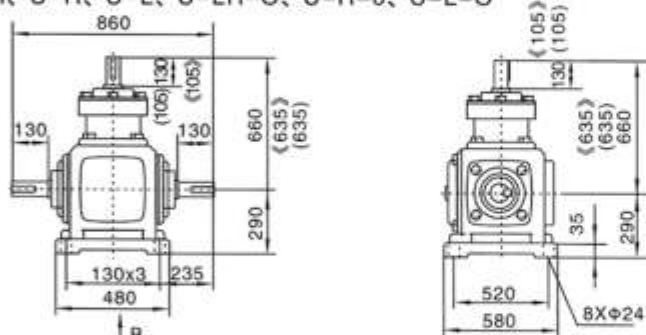
1-LR、1-R、1-L、1-LR-O、1-R-O、1-L-O



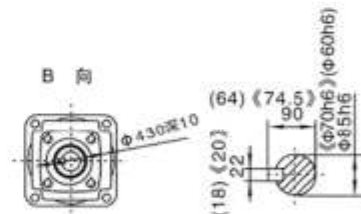
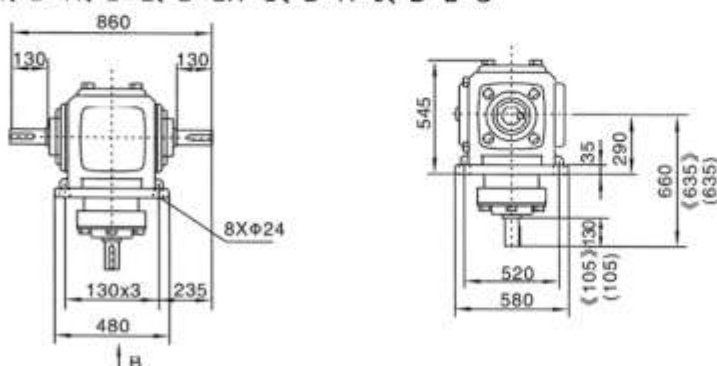
1-UD、1-U、1-D、1-UD-O、1-U-O、1-D-O



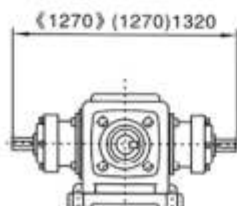
U-LR、U-R、U-L、U-LR-O、U-R-O、U-L-O



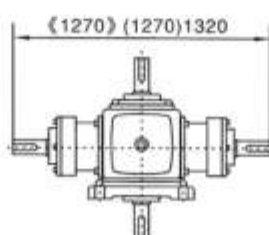
D-LR、D-R、D-L、D-LR-O、D-R-O、D-L-O



1-1-LR、1-1-R、1-1-L  
1-1-LR-O、1-1-R-O、1-1-L-O



1-1-UD、1-1-U、1-1-D  
1-1-UD-O、1-1-U-O、1-1-D-O



U-D-LR、U-D-R、U-D-L  
U-D-LR-O、U-D-R-O、U-D-L-O



注：YFT壳体为通用件,安装尺寸均可相互参照。  
横轴当4:1为《》；5:1用( )表示纵轴尺寸  
不变

Note: The housing of YFT are common parts. The mounting  
dimensions may consult each other.  
When ratio is 4:1, cross-shaft size marked in double  
bracket; when ratio is 5:1, cross-shaft size marked in  
parenthesis, dimension of vertical shaft is changeless.