

## CHEMSUN Pneumatic Actuator

### Type RT Scotch-Yoke Actuator

Suitable for petrochemical, electric-power, metallurgy, Mining, light industry and HVAC industry

**Certificate:** CE; ATEX Ex I M2 (Only for Body material Cast Stainless Steel)

**Acting type:** -S, Single Acting Actuator; -D, Double Acting Actuator

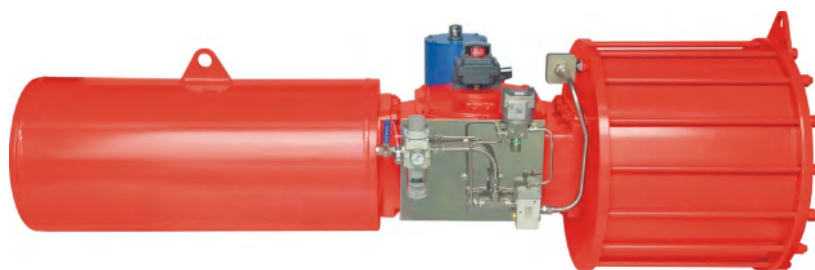
**Tem. Range:** -40°C ... +150°C (-40°F ... +302°F)

**Output Torque:** RT-S max.120000Nm; RT-D max.240000Nm



#### 结构特点

#### Structural Features



RT系列重载执行器，  
通用于一般以90°旋转的阀门。  
例如：球阀、蝶阀、旋转阀等其他阀，  
用于开关或调节流量的功能。

RT01系列执行器是对称设计，  
在0度与90度时输入扭矩最大，  
中间位置输出扭矩最小，  
符合球阀类产品的扭矩特性。

RT02系列执行器时采用倾斜设计，  
可以输出更大的起始扭矩，  
更符合蝶阀类产品的扭矩特性。

缸体内壁采用镀硬铬工艺，  
保证更长的使用寿命。

轨道高频淬火研磨处理，  
滑块采用方形自润滑工艺，  
能保证长久的使用寿命。

RT系列执行器拥有一套完整的安装配件  
包括：丝杆手动、液压手动、限位开关、  
电磁阀、定位器及其他控制部件。

模块化设计可在安装、  
维修和储存方面提供最大化便利。

RT series Heavy Duty actuators, usually used with  
90°rotating valve For example: Ball valve,  
Butterfly valve, Rotary valves and others  
used in the switch or adjust function of traffic.

RT01 series actuators are symmetrical design,  
When 0° to 90° input torque is the largest,  
The middle output torque is minimal,  
Conform to the torque characteristics of ball valve products.

RT02 series actuators using canted design,  
can output a bigger starting torque,  
With the torque characteristics of butterfly valve products.

Hard chromium plating on cylinder block,  
Ensure longer service.

Rail grinding high frequency quenching treatment,  
square self lubricating on the slider,  
Ensure long service.

RT series actuators have a full installation accessories include:  
screw manual, hydraulic manual, limit switch, solenoid valve,  
locator and other control components.

Modular design, easy to installation,  
maintenance and storage.

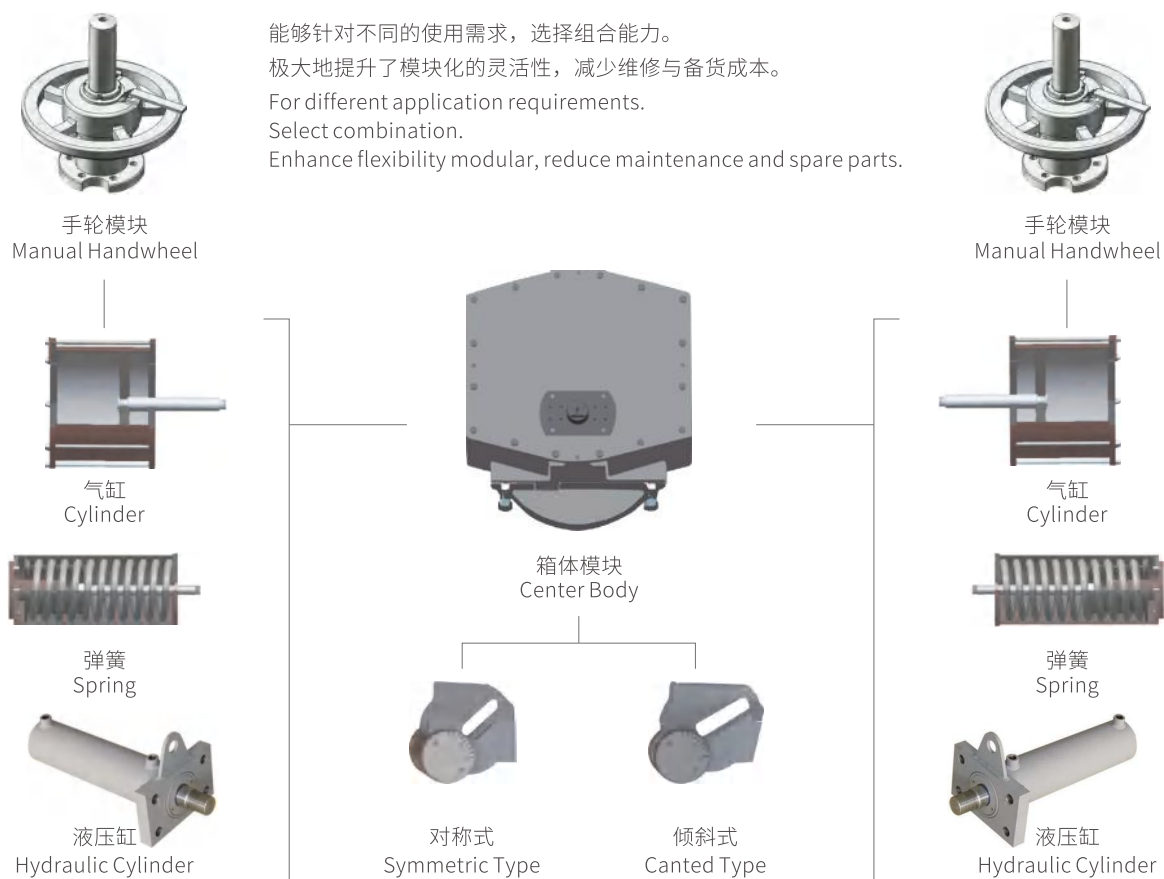
## 性能特点

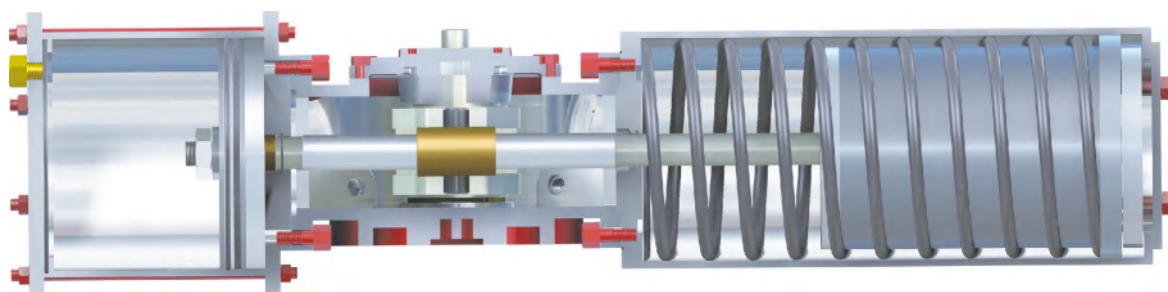
### Performance Features

- RT系列单作用执行器可以提供最大120000N.m，双作用可提供最大240000N.m的扭矩输出。最大工作压力8Bar。
- RT spring return actuator can provide 120000N.m torque output, RT double acting actuator can provide 240000N.m torque output. The maximum working pressure is 8 bar.
- 两个独立的行程调节螺栓，可以在 $\pm 6^\circ$ 的范围内调节阀门开关位置。
- Two independent travel adjustment bolts, Can be in the range of  $\pm 6^\circ$  to regulate valve switch position.
- 工作温度：低温型 -40°C ~ +80°C  
标准型 -20°C ~ +80°C  
高温型 -20°C ~ +150°C
- Working temperature: Low temperature -40°C ~ +80°C  
Standard -20°C ~ +80°C  
High temperature -20°C ~ +150°C
- 符合IP 65以上的防护等级。
- Comply with  $\geq$  IP 65 protection class.

## 模块化设计

### Modular Design





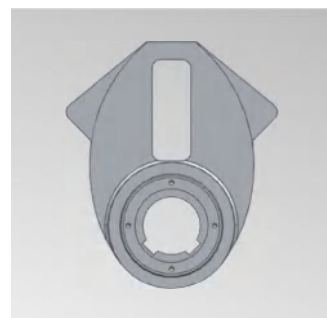
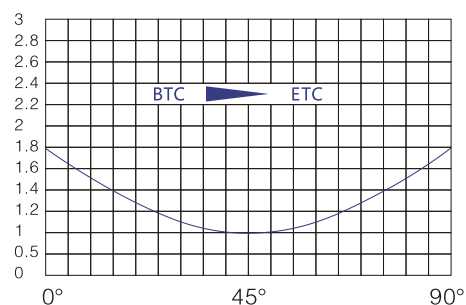
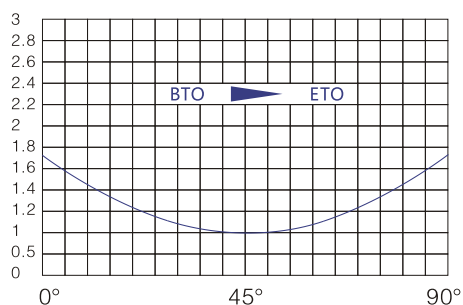
## 零部件材质

### Materials of Main Parts

| 序号<br>No. | 类型<br>Description           | 材质<br>Materials                                                 | 序号<br>No. | 类型<br>Description                      | 材质<br>Materials                          |
|-----------|-----------------------------|-----------------------------------------------------------------|-----------|----------------------------------------|------------------------------------------|
| 1         | 箱体<br>Body                  | 球墨铸铁、铝合金、锻钢<br>Nodular Cast Iron, Aluminium Alloy, Forged Steel | 21        | 活塞<br>Piston                           | 合金钢/铝合金<br>Alloy Steel/Aluminium Alloy   |
| 2         | 下轴套<br>Lower Bushing        | 低碳钢+合金铜<br>Low Carbon Steel+Copper Alloy                        | 22        | 气缸拉杆<br>Cylinder Rod                   | 合金钢/不锈钢<br>Alloy Steel/Stainless Steel   |
| 3         | 密封圈<br>Bushing O-ring       | 丁腈橡胶<br>NBR                                                     | 23        | 后缸盖<br>Back Cylinder Cover             | 合金钢/铝合金<br>Alloy Steel/Aluminium Alloy   |
| 4         | 上轴套<br>Upper Bushing        | 低碳钢+合金铜<br>Low Carbon Steel+Copper Alloy                        | 24        | 起吊板<br>Lifting Plate                   | 合金钢<br>Alloy Steel                       |
| 5         | 调节螺栓<br>Adjusting Bolt      | 合金钢<br>Alloy Steel                                              | 25        | 杆螺母<br>Rod Nut                         | 合金钢/不锈钢<br>Alloy Steel/Stainless Steel   |
| 6         | 调节螺母<br>Adjusting Nut       | 合金钢<br>Alloy Steel                                              | 26        | 活塞杆衬套<br>Piston Rod Bushing            | 低碳钢+合金铜<br>Low Carbon Steel+Copper Alloy |
| 7         | 箱盖<br>Body Cover            | 球墨铸铁、铝合金、锻钢<br>Nodular Cast Iron, Aluminium Alloy, Forged Steel | 27        | 前缸盖O型圈<br>Front Cylinder Cover O-rings | 丁腈橡胶<br>NBR                              |
| 8         | 箱盖螺栓<br>Body Cover Bolt     | 不锈钢<br>Stainless Steel                                          | 28        | 支撑圈<br>Support Ring                    | 青铜合成材料<br>Bronze Synthetic Material      |
| 9         | 指示器<br>Indicator            | 合金钢<br>Alloy Steel                                              | 29        | 活塞O型圈<br>Piston O-ring                 | 丁腈橡胶<br>NBR                              |
| 10        | 拨叉<br>Scotch Yoke           | 球墨铸铁、锻钢<br>Nodular Cast Iron, Forged Steel                      | 30        | 活塞并紧螺母<br>Piston Tight Bolt            | 合金钢<br>Alloy Steel                       |
| 11        | 轴挡<br>Axle Bumper           | 合金钢<br>Alloy Steel                                              | 31        | 弹簧箱前盖<br>Spring Case Front Cover       | 合金钢<br>Alloy Steel                       |
| 12        | 轴销<br>Axle Pin              | 合金钢<br>Alloy Steel                                              | 32        | 弹簧杆导套<br>Spring Rod Guide Bushing      | 合金钢<br>Alloy Steel                       |
| 13        | 滑块<br>Sliding Block         | 合金黄铜<br>Alloy Brass                                             | 33        | 弹簧杆<br>Spring Rod                      | 合金黄铜<br>Alloy Brass                      |
| 14        | 导向滑块<br>Slide Block         | 合金钢<br>Alloy Steel                                              | 34        | 弹簧<br>Spring                           | 弹簧钢<br>Spring Steel                      |
| 15        | 连接螺栓<br>Connecting Bolts    | 合金钢<br>Alloy Steel                                              | 35        | 弹簧导套<br>Spring Guide Bush              | 合金钢<br>Alloy Steel                       |
| 16        | 销子<br>Pin                   | 合金钢<br>Alloy Steel                                              | 36        | 弹簧筒后盖<br>Spring Case End Cover         | 合金钢<br>Alloy Steel                       |
| 17        | 安装板<br>Mounting Plate       | 合金钢<br>Alloy Steel                                              | 37        | 弹簧杆锁紧螺母<br>Spring Rod Tight Nut        | 合金钢<br>Alloy Steel                       |
| 18        | 前缸盖<br>Front Cylinder Cover | 合金钢/铝合金<br>Alloy Steel/Aluminium Alloy                          | 38        | 液压油缸<br>Hydraulic Oil Cylinder         | 合金钢<br>Alloy Steel                       |
| 19        | 缸盖O型圈<br>O-ring             | 丁腈橡胶<br>NBR                                                     | 39        | 封盖螺栓<br>Cover Bolt                     | 合金钢/不锈钢<br>Alloy Steel/Stainless Steel   |
| 20        | 活塞杆<br>Piston Rod           | 合金钢<br>Alloy Steel                                              | 40        | 轨道模块<br>Orbital Module                 | 球墨铸铁<br>Nodular Cast Iron                |

## 对称双作用输出扭矩

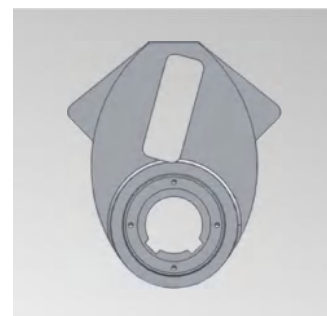
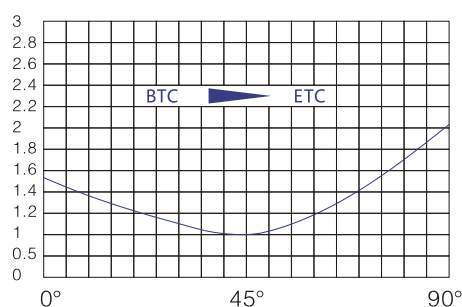
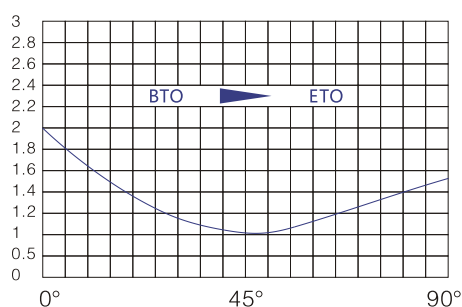
## Symmetric Double Acting Output Torque



| 型号<br>Model  | 4.0Bar |        |        | 5.0Bar |        |        | 6.0Bar |        |        | 7.0Bar |        |        |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|              | 0°     | R°     | 90°    | 0°     | R°     | 90°    | 0°     | R°     | 90°    | 0°     | R°     | 90°    |
| RT01-D01-18  | 1041   | 578    | 1002   | 1301   | 723    | 1252   | 1561   | 867    | 1502   | 1822   | 1012   | 1753   |
| RT01-D01-20  | 1285   | 714    | 1246   | 1606   | 892    | 1557   | 1928   | 1071   | 1869   | 2249   | 1249   | 2180   |
| RT01-D01-25  | 2008   | 1115   | 1969   | 2510   | 1394   | 2461   | 3012   | 1673   | 2953   | 3514   | 1952   | 3445   |
| RT01-D02-25  | 2631   | 1462   | 2546   | 3289   | 1827   | 3182   | 3947   | 2193   | 3819   | 4604   | 2558   | 4455   |
| RT01-D02-30  | 3789   | 2105   | 3703   | 4736   | 2631   | 4629   | 5683   | 3157   | 5555   | 6630   | 3683   | 6481   |
| RT01-D02-35  | 5157   | 2865   | 5072   | 6446   | 3581   | 6339   | 7735   | 4297   | 7607   | 9024   | 5014   | 8875   |
| RT01-D03-35  | 6446   | 3581   | 6257   | 8057   | 4476   | 7821   | 9669   | 5372   | 9385   | 11280  | 6267   | 10949  |
| RT01-D03-38  | 7598   | 4221   | 7409   | 9498   | 5277   | 9261   | 11398  | 6332   | 11113  | 13297  | 7387   | 12966  |
| RT01-D03-43  | 9729   | 5405   | 9540   | 12162  | 6757   | 11925  | 14594  | 8108   | 14310  | 17027  | 9459   | 16695  |
| RT01-D04-43  | 12085  | 6714   | 11765  | 15106  | 8392   | 14706  | 18128  | 10071  | 17647  | 21149  | 11749  | 20588  |
| RT01-D04-48  | 15059  | 8366   | 14739  | 18824  | 10458  | 18423  | 22588  | 12549  | 22108  | 26353  | 14641  | 25793  |
| RT01-D04-53  | 18360  | 10200  | 18039  | 22949  | 12750  | 22549  | 27539  | 15300  | 27059  | 32129  | 17850  | 31569  |
| RT01-D05-53  | 22560  | 12534  | 22167  | 28201  | 15667  | 27709  | 33841  | 18800  | 33250  | 39481  | 21934  | 38792  |
| RT01-D05-58  | 27018  | 15010  | 26624  | 33772  | 18762  | 33280  | 40527  | 22515  | 39937  | 47281  | 26267  | 46593  |
| RT01-D05-63  | 31877  | 17709  | 31483  | 39846  | 22137  | 39354  | 47815  | 26564  | 47225  | 55785  | 30992  | 55096  |
| RT01-D05-68  | 37138  | 20632  | 36744  | 46422  | 25790  | 45930  | 55706  | 30948  | 55116  | 64991  | 36106  | 64302  |
| RT01-D06-68  | 46614  | 25897  | 45798  | 58268  | 32371  | 57247  | 69921  | 38845  | 68696  | 81575  | 45319  | 80146  |
| RT01-D06-73  | 53721  | 29845  | 52905  | 67151  | 37306  | 66131  | 80582  | 44768  | 79357  | 94012  | 52229  | 92583  |
| RT01-D06-80  | 64518  | 35843  | 63701  | 80647  | 44804  | 79627  | 96777  | 53765  | 95552  | 112906 | 62726  | 111477 |
| RT01-D06-85  | 72835  | 40464  | 72018  | 91043  | 50580  | 90023  | 109252 | 60695  | 108027 | 127460 | 70811  | 126032 |
| RT01-D07-80  | 85078  | 47266  | 83749  | 106348 | 59082  | 104686 | 127618 | 70899  | 125624 | 148887 | 82715  | 146561 |
| RT01-D07-90  | 107677 | 59821  | 106348 | 134597 | 74776  | 132935 | 161516 | 89731  | 159522 | 188435 | 104686 | 186109 |
| RT01-D07-100 | 132935 | 73853  | 131606 | 166169 | 92316  | 164507 | 199403 | 110779 | 197409 | 232636 | 129242 | 230310 |
| RT01-D08-100 | 177247 | 98470  | 175102 | 221558 | 123088 | 218878 | 265870 | 147706 | 262653 | 310182 | 172323 | 306429 |
| RT01-D08-120 | 255235 | 141797 | 253091 | 319044 | 177247 | 316363 | 382853 | 212696 | 379636 | 446662 | 248145 | 442909 |



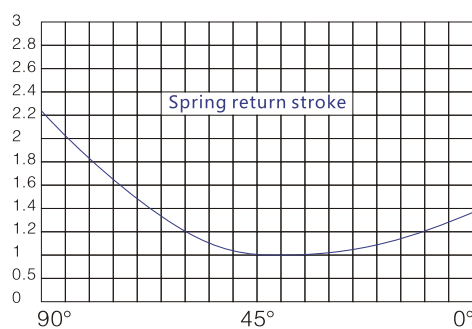
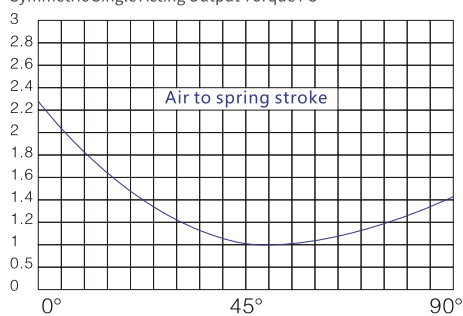
## 倾斜双作用输出扭矩 Canted Double Acting Output Torque



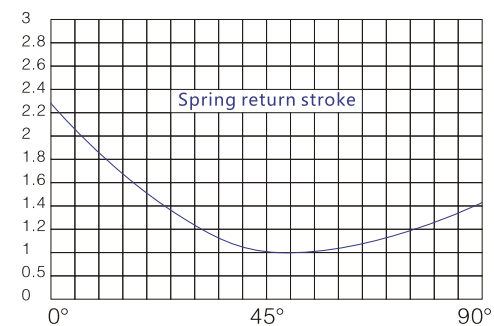
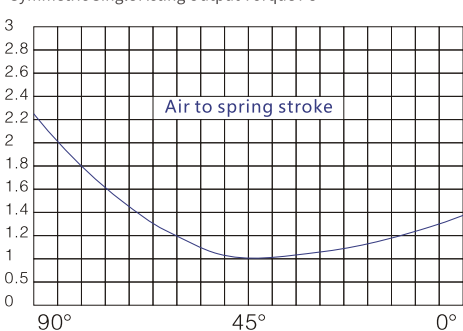
| 型号<br>Model  | 4.0Bar |        |        | 5.0Bar |        |        | 6.0Bar |        |        | 7.0Bar |        |        |
|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|              | 0°     | R°     | 90°    | 0°     | R°     | 90°    | 0°     | R°     | 90°    | 0°     | R°     | 90°    |
| RT02-D01-18  | 1249   | 578    | 886    | 1561   | 723    | 1108   | 1874   | 867    | 1329   | 2186   | 1012   | 1551   |
| RT02-D01-20  | 1542   | 714    | 1102   | 1928   | 892    | 1378   | 2313   | 1071   | 1654   | 2699   | 1249   | 1929   |
| RT02-D01-25  | 2409   | 1115   | 1742   | 3012   | 1394   | 2178   | 3614   | 1673   | 2613   | 4217   | 1952   | 3049   |
| RT02-D02-25  | 3157   | 1462   | 2253   | 3947   | 1827   | 2816   | 4736   | 2193   | 3379   | 5525   | 2558   | 3943   |
| RT02-D02-30  | 4546   | 2105   | 3277   | 5683   | 2631   | 4097   | 6820   | 3157   | 4916   | 7956   | 3683   | 5735   |
| RT02-D02-35  | 6188   | 2865   | 4488   | 7735   | 3581   | 5610   | 9282   | 4297   | 6732   | 10829  | 5014   | 7854   |
| RT02-D03-35  | 7735   | 3581   | 5537   | 9669   | 4476   | 6921   | 11603  | 5372   | 8305   | 13537  | 6267   | 9689   |
| RT02-D03-38  | 9118   | 4221   | 6557   | 11398  | 5277   | 8196   | 13677  | 6332   | 9835   | 15957  | 7387   | 11474  |
| RT02-D03-43  | 11675  | 5405   | 8443   | 14594  | 6757   | 10553  | 17513  | 8108   | 12664  | 20432  | 9459   | 14774  |
| RT02-D04-43  | 14502  | 6714   | 10411  | 18128  | 8392   | 13014  | 21753  | 10071  | 15617  | 25379  | 11749  | 18220  |
| RT02-D04-48  | 18071  | 8366   | 13043  | 22588  | 10458  | 16304  | 27106  | 12549  | 19565  | 31624  | 14641  | 22825  |
| RT02-D04-53  | 22031  | 10200  | 15964  | 27539  | 12750  | 19955  | 33047  | 15300  | 23946  | 38555  | 17850  | 27937  |
| RT02-D05-53  | 27073  | 12534  | 19617  | 33841  | 15667  | 24521  | 40609  | 18800  | 29425  | 47377  | 21934  | 34329  |
| RT02-D05-58  | 32422  | 15010  | 23561  | 40527  | 18762  | 29452  | 48632  | 22515  | 35342  | 56738  | 26267  | 41232  |
| RT02-D05-63  | 38252  | 17709  | 27861  | 47815  | 22137  | 34827  | 57379  | 26564  | 41792  | 66942  | 30992  | 48758  |
| RT02-D05-68  | 44565  | 20632  | 32517  | 55706  | 25790  | 40646  | 66848  | 30948  | 48775  | 77989  | 36106  | 56905  |
| RT02-D06-68  | 55937  | 25897  | 40529  | 69921  | 32371  | 50661  | 83905  | 38845  | 60793  | 97890  | 45319  | 70925  |
| RT02-D06-73  | 64465  | 29845  | 46818  | 80582  | 37306  | 58523  | 96698  | 44768  | 70227  | 112814 | 52229  | 81932  |
| RT02-D06-80  | 77421  | 35843  | 56373  | 96777  | 44804  | 70466  | 116132 | 53765  | 84559  | 135487 | 62726  | 98652  |
| RT02-D06-85  | 87401  | 40464  | 63733  | 109252 | 50580  | 79666  | 131102 | 60695  | 95599  | 152953 | 70811  | 111532 |
| RT02-D07-80  | 102094 | 47266  | 74114  | 127618 | 59082  | 92643  | 153141 | 70899  | 111171 | 178665 | 82715  | 129700 |
| RT02-D07-90  | 129213 | 59821  | 94113  | 161516 | 74776  | 117642 | 193819 | 89731  | 141170 | 226123 | 104686 | 164698 |
| RT02-D07-100 | 159522 | 73853  | 116465 | 199403 | 92316  | 145582 | 239283 | 110779 | 174698 | 279164 | 129242 | 203814 |
| RT02-D08-100 | 212696 | 98470  | 154958 | 265870 | 123088 | 193697 | 319044 | 147706 | 232436 | 372218 | 172323 | 271176 |
| RT02-D08-120 | 306282 | 141797 | 223974 | 382853 | 177247 | 279967 | 459423 | 212696 | 335961 | 535994 | 248145 | 391954 |

## 单作用输出扭矩 Single Acting Output Torque

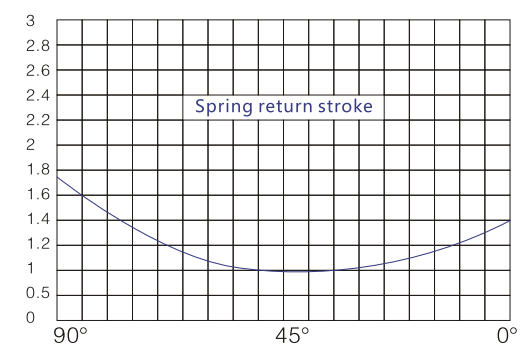
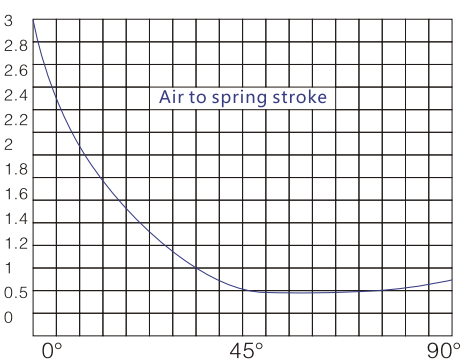
对称单作用输出扭矩FC  
Symmetric Single Acting Output Torque FC



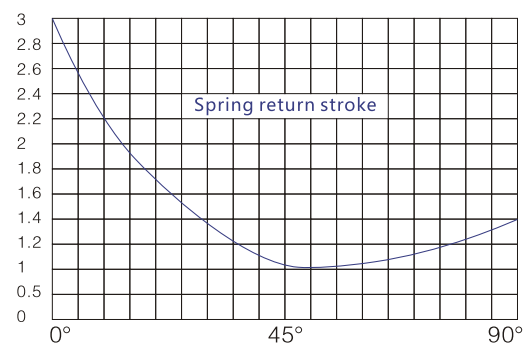
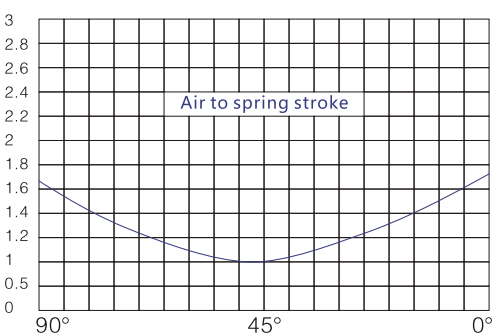
对称单作用输出扭矩FO  
Symmetric Single Acting Output Torque FO



倾斜单作用输出扭矩FC  
Canted Single Acting Output Torque FC



倾斜单作用输出扭矩FO  
Canted Single Acting Output Torque FO



## 对称单作用输出扭矩(FC) Symmetric Single Acting Output Torque (FC)

| 型号<br>Model  |   | 弹簧扭矩<br>Spring torque |       |        | 气源压力 Air pressure |       |       |        |        |        |        |        |        |        |        |        |
|--------------|---|-----------------------|-------|--------|-------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|              |   |                       |       |        | 4.0Bar            |       |       | 5.0Bar |        |        | 6.0Bar |        |        | 7.0Bar |        |        |
|              |   | 0°                    | R°    | 90°    | 0°                | R°    | 90°   | 0°     | R°     | 90°    | 0°     | R°     | 90°    | 0°     | R°     | 90°    |
| RT01-S01-18  | A | 390                   | 289   | 651    | 611               | 267   | 351   | 862    | 406    | 601    | 1112   | 545    | 852    | 1362   | 685    | 1102   |
|              | B | 488                   | 361   | 813    |                   |       |       | 764    | 334    | 439    | 1014   | 473    | 689    | 1265   | 612    | 939    |
| RT01-S01-20  | A | 482                   | 357   | 803    | 764               | 335   | 443   | 1075   | 508    | 754    | 1387   | 681    | 1065   | 1698   | 854    | 1377   |
|              | B | 602                   | 446   | 1004   |                   |       |       | 955    | 419    | 553    | 1266   | 592    | 865    | 1578   | 765    | 1176   |
| RT01-S01-25  | A | 753                   | 558   | 1255   | 1216              | 536   | 714   | 1708   | 809    | 1206   | 2200   | 1083   | 1698   | 2692   | 1356   | 2190   |
|              | B | 941                   | 697   | 1569   |                   |       |       | 1519   | 670    | 892    | 2012   | 943    | 1384   | 2504   | 1217   | 1876   |
| RT01-S02-25  | A | 987                   | 731   | 1644   | 1559              | 683   | 901   | 2196   | 1037   | 1538   | 2832   | 1391   | 2174   | 3468   | 1744   | 2811   |
|              | B | 1233                  | 914   | 2055   |                   |       |       | 1949   | 854    | 1127   | 2585   | 1208   | 1763   | 3222   | 1562   | 2400   |
| RT01-S02-30  | A | 1421                  | 1052  | 2368   | 2283              | 1005  | 1335  | 3209   | 1519   | 2261   | 4134   | 2034   | 3187   | 5060   | 2548   | 4113   |
|              | B | 1776                  | 1316  | 2960   |                   |       |       | 2853   | 1256   | 1669   | 3779   | 1771   | 2595   | 4705   | 2285   | 3521   |
| RT01-S02-35  | A | 1934                  | 1432  | 3223   | 3138              | 1385  | 1849  | 4406   | 2089   | 3116   | 5674   | 2794   | 4384   | 6941   | 3498   | 5652   |
|              | B | 2417                  | 1791  | 4029   |                   |       |       | 3922   | 1731   | 2311   | 5190   | 2436   | 3579   | 6458   | 3140   | 4846   |
| RT01-S03-35  | A | 2417                  | 1791  | 4029   | 3839              | 1685  | 2228  | 5403   | 2554   | 3792   | 6968   | 3423   | 5356   | 8532   | 4292   | 6920   |
|              | B | 3022                  | 2238  | 5036   |                   |       |       | 4799   | 2107   | 2785   | 6363   | 2976   | 4349   | 7927   | 3845   | 5913   |
| RT01-S03-38  | A | 2849                  | 2111  | 4749   | 4560              | 2005  | 2660  | 6412   | 3034   | 4512   | 8264   | 4063   | 6364   | 10116  | 5092   | 8217   |
|              | B | 3562                  | 2638  | 5936   |                   |       |       | 5699   | 2507   | 3325   | 7552   | 3536   | 5177   | 9404   | 4565   | 7029   |
| RT01-S03-43  | A | 3649                  | 2703  | 6081   | 5891              | 2597  | 3459  | 8276   | 3922   | 5844   | 10661  | 5247   | 8229   | 13047  | 6572   | 10614  |
|              | B | 4561                  | 3378  | 7601   |                   |       |       | 7364   | 3247   | 4324   | 9749   | 4572   | 6709   | 12134  | 5897   | 9094   |
| RT01-S04-43  | A | 4532                  | 3357  | 7553   | 7233              | 3179  | 4212  | 10174  | 4813   | 7153   | 13115  | 6447   | 10094  | 16056  | 8081   | 13035  |
|              | B | 5665                  | 4196  | 9441   |                   |       |       | 9041   | 3974   | 5265   | 11982  | 5608   | 8206   | 14923  | 7242   | 11147  |
| RT01-S04-48  | A | 5647                  | 4183  | 9412   | 9092              | 4005  | 5327  | 12776  | 6052   | 9011   | 16461  | 8099   | 12696  | 20146  | 10146  | 16381  |
|              | B | 7059                  | 5229  | 11765  |                   |       |       | 11364  | 5006   | 6659   | 15049  | 7053   | 10343  | 18734  | 9100   | 14028  |
| RT01-S04-53  | A | 6885                  | 5100  | 11475  | 11154             | 4922  | 6565  | 15664  | 7427   | 11074  | 20174  | 9933   | 15584  | 24684  | 12438  | 20094  |
|              | B | 8606                  | 6375  | 14343  |                   |       |       | 13943  | 6152   | 8206   | 18453  | 8658   | 12716  | 22963  | 11163  | 17225  |
| RT01-S05-53  | A | 8460                  | 6267  | 14100  | 13707             | 6048  | 8067  | 19248  | 9127   | 13608  | 24790  | 12206  | 19150  | 30332  | 15284  | 24692  |
|              | B | 10575                 | 7833  | 17625  |                   |       |       | 17133  | 7560   | 10083  | 22675  | 10639  | 15625  | 28217  | 13718  | 21167  |
| RT01-S05-58  | A | 10132                 | 7505  | 16886  | 16493             | 7286  | 9738  | 23149  | 10984  | 16394  | 29805  | 14682  | 23050  | 36461  | 18380  | 29706  |
|              | B | 12665                 | 9381  | 21108  |                   |       |       | 20616  | 9108   | 12173  | 27272  | 12806  | 18829  | 33928  | 16504  | 25485  |
| RT01-S05-63  | A | 11954                 | 8855  | 19923  | 19530             | 8636  | 11560 | 27400  | 13009  | 19431  | 35271  | 17381  | 27302  | 43142  | 21754  | 35173  |
|              | B | 14942                 | 11068 | 24904  |                   |       |       | 24412  | 10795  | 14450  | 32283  | 15168  | 22321  | 40154  | 19541  | 30192  |
| RT01-S05-68  | A | 13927                 | 10316 | 23211  | 22817             | 10097 | 13533 | 32003  | 15201  | 22719  | 41190  | 20304  | 31905  | 50376  | 25407  | 41091  |
|              | B | 17408                 | 12895 | 29014  |                   |       |       | 28522  | 12622  | 16916  | 37708  | 17725  | 26102  | 46894  | 22828  | 35288  |
| RT01-S06-68  | A | 17480                 | 12948 | 29134  | 28317             | 12495 | 16664 | 39767  | 18855  | 28113  | 51216  | 25216  | 39563  | 62665  | 31577  | 51012  |
|              | B | 21850                 | 16185 | 36417  |                   |       |       | 35397  | 15618  | 20830  | 46846  | 21979  | 32279  | 58295  | 28340  | 43728  |
| RT01-S06-73  | A | 20145                 | 14923 | 33576  | 32759             | 14469 | 19329 | 45985  | 21817  | 32555  | 59211  | 29165  | 45781  | 72438  | 36512  | 59007  |
|              | B | 25182                 | 18653 | 41970  |                   |       |       | 40949  | 18086  | 24161  | 54175  | 25434  | 37387  | 67401  | 32782  | 50613  |
| RT01-S06-80  | A | 24194                 | 17922 | 40324  | 39507             | 17468 | 23378 | 55432  | 26315  | 39303  | 71358  | 35163  | 55228  | 87283  | 44010  | 71154  |
|              | B | 30243                 | 22402 | 50405  |                   |       |       | 49384  | 21835  | 29222  | 65309  | 30682  | 45147  | 81234  | 39530  | 61073  |
| RT01-S06-85  | A | 27313                 | 20232 | 45522  | 44705             | 19778 | 26496 | 62710  | 29781  | 44501  | 80714  | 39783  | 62505  | 98719  | 49786  | 80510  |
|              | B | 34141                 | 25290 | 56902  |                   |       |       | 55881  | 24723  | 33121  | 73886  | 34725  | 51125  | 91890  | 44728  | 69130  |
| RT01-S07-80  | A | 31904                 | 23633 | 53174  | 51845             | 22894 | 30575 | 72782  | 34526  | 51512  | 93719  | 46158  | 72450  | 114656 | 57790  | 93387  |
|              | B | 39881                 | 29541 | 66468  |                   |       |       | 64806  | 28618  | 38219  | 85743  | 40250  | 59156  | 106680 | 51882  | 80093  |
| RT01-S07-90  | A | 40379                 | 29910 | 67298  | 65969             | 29172 | 39050 | 92556  | 43942  | 65637  | 119143 | 58713  | 92224  | 145730 | 73484  | 118811 |
|              | B | 50474                 | 37388 | 84123  |                   |       |       | 82461  | 36465  | 48812  | 109048 | 51235  | 75399  | 135635 | 66006  | 101986 |
| RT01-S07-100 | A | 49851                 | 36926 | 83084  | 81755             | 36188 | 48521 | 114656 | 54466  | 81423  | 147558 | 72745  | 114324 | 180459 | 91024  | 147226 |
|              | B | 62313                 | 46158 | 103856 |                   |       |       | 102194 | 45235  | 60652  | 135095 | 63513  | 93553  | 167997 | 81792  | 126454 |
| RT01-S08-100 | A | 66468                 | 49235 | 110779 | 108635            | 48044 | 64323 | 152410 | 72363  | 108098 | 196186 | 96683  | 151874 | 239961 | 121003 | 195649 |
|              | B | 83084                 | 61544 | 138474 |                   |       |       | 135793 | 60055  | 80404  | 179569 | 84374  | 124179 | 223344 | 108694 | 167955 |
| RT01-S08-120 | A | 95713                 | 70899 | 159522 | 157377            | 69707 | 93569 | 220650 | 104859 | 156841 | 283923 | 140010 | 220114 | 347195 | 175162 | 283386 |
|              | B | 119642                | 88623 | 199403 |                   |       |       | 196722 | 87134  | 116961 | 259994 | 122285 | 180233 | 323267 | 157437 | 243506 |

## 对称单作用输出扭矩(FO) Symmetric Single Acting Output Torque (FO)

| 型号<br>Model  |   | 弹簧扭矩<br>Spring torque |       |        | 气源压力 Air pressure |       |        |        |        |        |        |        |        |        |        |        |
|--------------|---|-----------------------|-------|--------|-------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|              |   |                       |       |        | 4.0Bar            |       |        | 5.0Bar |        |        | 6.0Bar |        |        | 7.0Bar |        |        |
|              |   | 0°                    | R°    | 90°    | 0°                | R°    | 90°    | 0°     | R°     | 90°    | 0°     | R°     | 90°    | 0°     | R°     | 90°    |
| RT01-S01-18  | A | 651                   | 289   | 390    | 351               | 267   | 611    | 601    | 406    | 862    | 852    | 545    | 1112   | 1102   | 685    | 1362   |
|              | B | 813                   | 361   | 488    |                   |       |        | 439    | 334    | 764    | 689    | 473    | 1014   | 939    | 612    | 1265   |
| RT01-S01-20  | A | 803                   | 357   | 482    | 443               | 335   | 764    | 754    | 508    | 1075   | 1065   | 681    | 1387   | 1377   | 854    | 1698   |
|              | B | 1004                  | 446   | 602    |                   |       |        | 553    | 419    | 955    | 865    | 592    | 1266   | 1176   | 765    | 1578   |
| RT01-S01-25  | A | 1255                  | 558   | 753    | 714               | 536   | 1216   | 1206   | 809    | 1708   | 1698   | 1083   | 2200   | 2190   | 1356   | 2692   |
|              | B | 1569                  | 697   | 941    |                   |       |        | 892    | 670    | 1519   | 1384   | 943    | 2012   | 1876   | 1217   | 2504   |
| RT01-S02-25  | A | 1644                  | 731   | 987    | 901               | 683   | 1559   | 1538   | 1037   | 2196   | 2174   | 1391   | 2832   | 2811   | 1744   | 3468   |
|              | B | 2055                  | g14   | 1233   |                   |       |        | 1127   | 854    | 1949   | 1763   | 1208   | 2585   | 2400   | 1562   | 3222   |
| RT01-S02-30  | A | 2368                  | 1052  | 1421   | 1335              | 1005  | 2283   | 2261   | 1519   | 3209   | 3187   | 2034   | 4134   | 4113   | 2548   | 5060   |
|              | B | 2960                  | 1316  | 1776   |                   |       |        | 1669   | 1256   | 2853   | 2595   | 1771   | 3779   | 3521   | 2285   | 4705   |
| RT01-S02-35  | A | 3223                  | 1432  | 1934   | 1849              | 1385  | 3138   | 3116   | 2089   | 4406   | 4384   | 2794   | 5674   | 5652   | 3498   | 6941   |
|              | B | 4029                  | 1791  | 2417   |                   |       |        | 2311   | 1731   | 3922   | 3579   | 2436   | 5190   | 4846   | 3140   | 6458   |
| RT01-S03-35  | A | 4029                  | 1791  | 2417   | 2228              | 1685  | 3839   | 3792   | 2554   | 5403   | 5356   | 3423   | 6968   | 6920   | 4292   | 8532   |
|              | B | 5036                  | 2238  | 3022   |                   |       |        | 2785   | 2107   | 4799   | 4349   | 2976   | 6363   | 5913   | 3845   | 7927   |
| RT01-S03-38  | A | 4749                  | 2111  | 2849   | 2660              | 2005  | 4560   | 4512   | 3034   | 6412   | 6364   | 4063   | 8264   | 8217   | 5092   | 10116  |
|              | B | 5936                  | 2638  | 3562   |                   |       |        | 3325   | 2507   | 5699   | 5177   | 3536   | 7552   | 7029   | 4565   | 9404   |
| RT01-S03-43  | A | 6081                  | 2703  | 3649   | 3459              | 2597  | 5891   | 5844   | 3922   | 8276   | 8229   | 5247   | 10661  | 10614  | 6572   | 13047  |
|              | B | 7601                  | 3378  | 4561   |                   |       |        | 4324   | 3247   | 7364   | 6709   | 4572   | 9749   | 9094   | 5897   | 12134  |
| RT01-S04-43  | A | 7553                  | 3357  | 4532   | 4212              | 3179  | 7233   | 7153   | 4813   | 10174  | 10094  | 6447   | 13115  | 13035  | 8081   | 16056  |
|              | B | 9441                  | 4196  | 5665   |                   |       |        | 5265   | 3974   | 9041   | 8206   | 5608   | 11982  | 11147  | 7242   | 14923  |
| RT01-S04-48  | A | 9412                  | 4183  | 5647   | 5327              | 4005  | 9092   | 9011   | 6052   | 12776  | 12696  | 8099   | 16461  | 16381  | 10146  | 20146  |
|              | B | 11765                 | 5229  | 7059   |                   |       |        | 6659   | 5006   | 11364  | 10343  | 7053   | 15049  | 14028  | 9100   | 18734  |
| RT01-S04-53  | A | 11475                 | 5100  | 6885   | 6565              | 4922  | 11154  | 11074  | 7427   | 15664  | 15584  | 9933   | 20174  | 20094  | 12438  | 24684  |
|              | B | 14343                 | 6375  | 8606   |                   |       |        | 8206   | 6152   | 13943  | 12716  | 8658   | 18453  | 17225  | 11163  | 22963  |
| RT01-S05-53  | A | 14100                 | 6267  | 8460   | 8067              | 6048  | 13707  | 13608  | 9127   | 19248  | 19150  | 12206  | 24790  | 24692  | 15284  | 30332  |
|              | B | 17625                 | 7833  | 10575  |                   |       |        | 10083  | 7560   | 17133  | 15625  | 10639  | 22675  | 21167  | 13718  | 28217  |
| RT01-S05-58  | A | 16886                 | 7505  | 10132  | 9738              | 7286  | 16493  | 16394  | 10984  | 23149  | 23050  | 14682  | 29805  | 29706  | 18380  | 36461  |
|              | B | 21108                 | 9381  | 12665  |                   |       |        | 12173  | 9108   | 20616  | 18829  | 12806  | 27272  | 25485  | 16504  | 33928  |
| RT01-S05-63  | A | 19923                 | 8855  | 11954  | 11560             | 8636  | 19530  | 19431  | 13009  | 27400  | 27302  | 17381  | 35271  | 35173  | 21754  | 43142  |
|              | B | 24904                 | 11068 | 14942  |                   |       |        | 14450  | 10795  | 24412  | 22321  | 15168  | 32283  | 30192  | 19541  | 40154  |
| RT01-S05-68  | A | 23211                 | 10316 | 13927  | 13533             | 10097 | 22817  | 22719  | 15201  | 32003  | 31905  | 20304  | 41190  | 41091  | 25407  | 50376  |
|              | B | 29014                 | 12895 | 17408  |                   |       |        | 16916  | 12622  | 28522  | 26102  | 17725  | 37708  | 35288  | 22828  | 46894  |
| RT01-S06-68  | A | 29134                 | 12948 | 17480  | 16664             | 12495 | 28317  | 28113  | 18855  | 39767  | 39563  | 25216  | 51216  | 51012  | 31577  | 62665  |
|              | B | 36417                 | 16185 | 21850  |                   |       |        | 20830  | 15618  | 35397  | 32279  | 21979  | 46846  | 43728  | 28340  | 58295  |
| RT01-S06-73  | A | 33576                 | 14923 | 20145  | 19329             | 14469 | 32759  | 32555  | 21817  | 45985  | 45781  | 29165  | 59211  | 59007  | 36512  | 72438  |
|              | B | 41970                 | 18653 | 25182  |                   |       |        | 24161  | 18086  | 40949  | 37387  | 25434  | 54175  | 50613  | 32782  | 67401  |
| RT01-S06-80  | A | 40324                 | 17922 | 24194  | 23378             | 17468 | 39507  | 39303  | 26315  | 55432  | 55228  | 35163  | 71358  | 71154  | 44010  | 87283  |
|              | B | 50405                 | 22402 | 30243  |                   |       |        | 29222  | 21835  | 49384  | 45147  | 30682  | 65309  | 61073  | 39530  | 81234  |
| RT01-S06-85  | A | 45522                 | 20232 | 27313  | 26496             | 19778 | 44705  | 44501  | 29781  | 62710  | 62505  | 39783  | 80714  | 80510  | 49786  | 98719  |
|              | B | 56902                 | 25290 | 34141  |                   |       |        | 33121  | 24723  | 55881  | 51125  | 34725  | 73886  | 69130  | 44728  | 91890  |
| RT01-S07-80  | A | 53174                 | 23633 | 31904  | 30575             | 22894 | 51845  | 51512  | 34526  | 72782  | 72450  | 46158  | 93719  | 93387  | 57790  | 114656 |
|              | B | 66468                 | 29541 | 39881  |                   |       |        | 38219  | 28618  | 64806  | 59156  | 40250  | 85743  | 80093  | 51882  | 106680 |
| RT01-S07-90  | A | 67298                 | 29910 | 40379  | 39050             | 29172 | 65969  | 65637  | 43942  | 92556  | 92224  | 58713  | 119143 | 118811 | 73484  | 145730 |
|              | B | 84123                 | 37388 | 50474  |                   |       |        | 48812  | 36465  | 82461  | 75399  | 51235  | 109048 | 101986 | 66006  | 135635 |
| RT01-S07-100 | A | 83084                 | 36926 | 49851  | 48521             | 36188 | 81755  | 81423  | 54466  | 114656 | 114324 | 72745  | 147558 | 147226 | 91024  | 180459 |
|              | B | 103856                | 46158 | 62313  |                   |       |        | 60652  | 45235  | 102194 | 93553  | 63513  | 135095 | 126454 | 81792  | 167997 |
| RT01-S08-100 | A | 110779                | 49235 | 66468  | 64323             | 48044 | 108635 | 108098 | 72363  | 152410 | 151874 | 96683  | 196186 | 195649 | 121003 | 239961 |
|              | B | 138474                | 61544 | 83084  |                   |       |        | 80404  | 60055  | 135793 | 124179 | 84374  | 179569 | 167955 | 108694 | 223344 |
| RT01-S08-120 | A | 159522                | 70899 | 95713  | 93569             | 69707 | 157377 | 156841 | 104859 | 220650 | 220114 | 140010 | 283923 | 283386 | 175162 | 347195 |
|              | B | 199403                | 88623 | 119642 |                   |       |        | 116961 | 87134  | 196722 | 180233 | 122285 | 259994 | 243506 | 157437 | 323267 |

## 倾斜单作用输出扭矩(FC)

## Canted Single Acting Output Torque (FC)

| 型号<br>Model  |   | 弹簧扭矩<br>Spring torque |        |        | 气源压力 Air pressure |       |       |        |       |        |        |        |        |        |        |        |
|--------------|---|-----------------------|--------|--------|-------------------|-------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|
|              |   |                       |        |        | 4.0Bar            |       |       | 5.0Bar |       |        | 6.0Bar |        |        | 7.0Bar |        |        |
|              |   | 0°                    | R°     | 90°    | 0°                | R°    | 90°   | 0°     | R°    | 90°    | 0°     | R°     | 90°    | 0°     | R°     | 90°    |
| RT02-S01-18  | A | 562                   | 401    | 691    | 687               | 178   | 195   | 999    | 322   | 417    | 1312   | 467    | 639    | 1624   | 611    | 860    |
|              | B | 703                   | 501    | 864    |                   |       |       | 859    | 222   | 244    | 1171   | 366    | 466    | 1483   | 511    | 687    |
| RT02-S01-20  | A | 694                   | 495    | 853    | 848               | 219   | 249   | 1234   | 398   | 525    | 1619   | 576    | 801    | 2005   | 755    | 1076   |
|              | B | 867                   | 618    | 1066   |                   |       |       | 1060   | 274   | 312    | 1446   | 452    | 587    | 1831   | 631    | 863    |
| RT02S01-25   | A | 1084                  | 773    | 1333   | 1325              | 342   | 409   | 1928   | 621   | 845    | 2530   | 900    | 1280   | 3132   | 1179   | 1716   |
|              | B | 1355                  | 966    | 1666   |                   |       |       | 1656   | 428   | 512    | 2259   | 707    | 947    | 2861   | 986    | 1383   |
| RT02-S02-25  | A | 1421                  | 1013   | 1746   | 1736              | 449   | 507   | 2526   | 814   | 1070   | 3315   | 1180   | 1633   | 4104   | 1545   | 2196   |
|              | B | 1776                  | 1266   | 2183   |                   |       |       | 2171   | 561   | 633    | 2960   | 926    | 1197   | 3749   | 1292   | 1760   |
| RT02-S02-30  | A | 2046                  | 1459   | 2515   | 2501              | 646   | 763   | 3637   | 1172  | 1582   | 4774   | 1699   | 2401   | 5910   | 2225   | 3221   |
|              | B | 2557                  | 1823   | 3143   |                   |       |       | 3126   | 808   | 953    | 4262   | 1334   | 1773   | 5399   | 1860   | 2592   |
| RT02-S02-35  | A | 2785                  | 1985   | 3423   | 3403              | 880   | 1065  | 4951   | 1596  | 2187   | 6498   | 2312   | 3309   | 8045   | 3028   | 4431   |
|              | B | 3481                  | 2482   | 4278   |                   |       |       | 4254   | 1099  | 1332   | 5801   | 1816   | 2454   | 7348   | 2532   | 3576   |
| RT02-S03-35  | A | 3481                  | 2482   | 4278   | 4254              | 1099  | 1258  | 6188   | 1995  | 2643   | 8122   | 2890   | 4027   | 10056  | 3785   | 5411   |
|              | B | 4351                  | 3102   | 5348   |                   |       |       | 5318   | 1374  | 1573   | 7252   | 2270   | 2957   | 9185   | 3165   | 4341   |
| RT02-S03-38  | A | 4103                  | 2925   | 5043   | 5015              | 1296  | 1513  | 7294   | 2351  | 3153   | 9574   | 3407   | 4792   | 11853  | 4462   | 6431   |
|              | B | 5129                  | 3657   | 6304   |                   |       |       | 6269   | 1620  | 1892   | 8548   | 2675   | 3531   | 10828  | 3731   | 5170   |
| RT02-S03-43  | A | 5254                  | 3746   | 6458   | 6421              | 1659  | 1985  | 9340   | 3011  | 4096   | 12259  | 4362   | 6206   | 15178  | 5713   | 8317   |
|              | B | 6567                  | 4682   | 8072   |                   |       |       | 8027   | 2074  | 2481   | 10946  | 3_426  | 4592   | 13864  | 4777   | 6702   |
| RT02-S04-43  | A | 6526                  | 4653   | 8021   | 7976              | 2061  | 2390  | 11602  | 3740  | 4993   | 15227  | 5418   | 7596   | 18853  | 7097   | 10199  |
|              | B | 8157                  | 5816   | 10026  |                   |       |       | 9970   | 2576  | 2988   | 13596  | 4255   | 5591   | 17221  | 5933   | 8193   |
| RT02-S04-48  | A | 8132                  | 5798   | 9995   | 9939              | 2568  | 3048  | 14457  | 4660  | 6309   | 18974  | 6751   | 9570   | 23492  | 8843   | 12830  |
|              | B | 10165                 | 7247   | 12494  |                   |       |       | 12424  | 3210  | 3810   | 16941  | 5302   | 7071   | 21459  | 7393   | 10332  |
| RT02-S04-53  | A | 9914                  | 7068   | 12186  | 12117             | 3131  | 3778  | 17625  | 5681  | 7769   | 23133  | 8231   | 11760  | 28641  | 10781  | 15751  |
|              | B | 12393                 | 8836   | 15232  |                   |       |       | 15147  | 3914  | 4723   | 20654  | 6464   | 8714   | 26162  | 9014   | 12705  |
| RT02-S05-53  | A | 12183                 | 8686   | 14974  | 14890             | 3848  | 4643  | 21658  | 6981  | 9547   | 28426  | 10115  | 14451  | 35194  | 13248  | 19356  |
|              | B | 15228                 | 10857  | 18717  |                   |       |       | 18612  | 4810  | 5804   | 25381  | 7943   | 10708  | 32149  | 11077  | 15612  |
| RT02-S05-58  | A | 14590                 | 10402  | 17932  | 17832             | 4608  | 5629  | 25937  | 8361  | 11520  | 34043  | 12113  | 17410  | 42148  | 15866  | 23300  |
|              | B | 18237                 | 13002  | 22415  |                   |       |       | 22290  | 5760  | 7036   | 30395  | 9513   | 12927  | 38501  | 13265  | 18817  |
| RT02-S05-63  | A | 17214                 | 12273  | 21157  | 21039             | 5437  | 6704  | 30602  | 9864  | 13670  | 40165  | 14292  | 20635  | 49728  | 18719  | 27600  |
|              | B | 21517                 | 15341  | 26447  |                   |       |       | 26299  | 6796  | 8380   | 35862  | 11223  | 15346  | 45425  | 15651  | 22311  |
| RT02-S05-68  | A | 20054                 | 14298  | 24649  | 24511             | 6334  | 7868  | 35652  | 11492 | 15997  | 46793  | 16650  | 24126  | 57935  | 21808  | 32256  |
|              | B | 25068                 | 17872  | 30811  |                   |       |       | 30639  | 7918  | 9835   | 41780  | 13076  | 17964  | 52921  | 18234  | 26093  |
| RT02-S06-68  | A | 25172                 | 17946  | 30939  | 30765             | 7950  | 9590  | 44750  | 14424 | 19722  | 58734  | 20899  | 29855  | 72718  | 27373  | 39987  |
|              | B | 31465                 | 22433  | 38673  |                   |       |       | 38457  | 9938  | 11988  | 52441  | 16412  | 22120  | 66425  | 22886  | 32252  |
| RT02-S06-73  | A | 29009                 | 20683  | 35656  | 35456             | 9162  | 11163 | 51572  | 16624 | 22867  | 67689  | 24085  | 34572  | 83805  | 31546  | 46276  |
|              | B | 36262                 | 25853  | 44570  |                   |       |       | 44320  | 11453 | 13953  | 60436  | 18914  | 25658  | 76553  | 26376  | 37362  |
| RT02-S06-80  | A | 34840                 | 24839  | 42822  | 42582             | 11004 | 13551 | 61937  | 19965 | 27644  | 81292  | 28925  | 41738  | 100648 | 37886  | 55831  |
|              | B | 43550                 | 31049  | 53527  |                   |       |       | 53227  | 13755 | 16939  | 72583  | 22716  | 31032  | 91938  | 31676  | 45125  |
| RT02-S06-85  | A | 39331                 | 28041  | 48342  | 48071             | 12422 | 15391 | 69921  | 22538 | 31324  | 91772  | 32654  | 47258  | 113622 | 42770  | 63191  |
|              | B | 49163                 | 35052  | 60427  |                   |       |       | 60089  | 15528 | 19239  | 81939  | 25644  | 35172  | 103789 | 35760  | 51105  |
| RT02-S07-80  | A | 45942                 | 32755  | 56468  | 56152             | 14511 | 17646 | 81675  | 26327 | 36175  | 107199 | 38143  | 54703  | 132722 | 49960  | 73232  |
|              | B | 57428                 | 40944  | 70585  |                   |       |       | 70190  | 18138 | 22058  | 95713  | 29955  | 40586  | 121237 | 41771  | 59115  |
| RT02-S07-90  | A | 58146                 | 41456  | 71467  | 71067             | 18365 | 22646 | 103370 | 33320 | 46174  | 135674 | 48275  | 69703  | 167977 | 63231  | 93231  |
|              | B | 72682                 | 51820  | 89334  |                   |       |       | 88834  | 22956 | 28308  | 121137 | 37911  | 51836  | 153440 | 52867  | 75364  |
| RT02-S07-100 | A | 71785                 | 51180  | 88231  | 87737             | 22673 | 28234 | 127618 | 41136 | 57350  | 167498 | 59599  | 86467  | 207379 | 78062  | 115583 |
|              | B | 89731                 | 63975  | 110289 |                   |       |       | 109671 | 28341 | 35292  | 149552 | 46804  | 64409  | 189432 | 65267  | 93525  |
| RT02-S08-100 | A | 95713                 | 68240  | 117642 | 116983            | 30230 | 37316 | 170157 | 54848 | 76055  | 223331 | 79466  | 114795 | 276505 | 104083 | 153534 |
|              | B | 119642                | 85300  | 147052 |                   |       |       | 146229 | 37788 | 46645  | 199403 | 62406  | 85384  | 252577 | 87023  | 124124 |
| RT02-S08-120 | A | 137827                | 98266  | 169404 | 168455            | 43532 | 54570 | 245026 | 78981 | 110564 | 321596 | 114430 | 166557 | 398167 | 149880 | 222551 |
|              | B | 172284                | 122832 | 211755 |                   |       |       | 210569 | 54415 | 68213  | 287140 | 89864  | 124206 | 363710 | 125313 | 180200 |



## 倾斜单作用输出扭矩(FO)

## Canted Single Acting Output Torque (FO)

| 型号<br>Model  |   | 弹簧扭矩<br>Spring torque |       |       | 气源压力 Air pressure |       |        |        |        |        |        |        |        |        |        |        |
|--------------|---|-----------------------|-------|-------|-------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|              |   |                       |       |       | 4.0Bar            |       |        | 5.0Bar |        |        | 6.0Bar |        |        | 7.0Bar |        |        |
|              |   | 0°                    | R°    | 90°   | 0°                | R°    | 90°    | 0°     | R°     | 90°    | 0°     | R°     | 90°    | 0°     | R°     | 90°    |
| RT02-S01-18  | A | 566                   | 181   | 250   | 683               | 397   | 636    | 996    | 541    | 858    | 1308   | 686    | 1079   | 1620   | 831    | 1301   |
|              | B | 707                   | 227   | 313   |                   |       |        | 854    | 496    | 795    | 1166   | 641    | 1017   | 1479   | 785    | 1238   |
| RT02-S01-20  | A | 698                   | 224   | 309   | 844               | 490   | 793    | 1229   | 668    | 1069   | 1615   | 847    | 1345   | 2000   | 1025   | 1620   |
|              | B | 873                   | 280   | 386   |                   |       |        | 1055   | 612    | 992    | 1440   | 791    | 1267   | 1826   | 969    | 1543   |
| RT02-S01-25  | A | 1091                  | 350   | 483   | 1318              | 766   | 1259   | 1921   | 1044   | 1695   | 2523   | 1323   | 2130   | 3125   | 1602   | 2566   |
|              | B | 1364                  | 437   | 604   |                   |       |        | 1648   | 957    | 1574   | 2250   | 1236   | 2010   | 2852   | 1515   | 2445   |
| RT02-S02-25  | A | 1430                  | 459   | 633   | 1727              | 1003  | 1620   | 2517   | 1369   | 2183   | 3306   | 1734   | 2747   | 4095   | 2099   | 3310   |
|              | B | 1787                  | 573   | 791   |                   |       |        | 2159   | 1254   | 2025   | 2948   | 1619   | 2588   | 3738   | 1985   | 3152   |
| RT02-S02-30  | A | 2059                  | 660   | 911   | 2487              | 1445  | 2366   | 3624   | 1971   | 3186   | 4761   | 2497   | 4005   | 5897   | 3023   | 4824   |
|              | B | 2574                  | 825   | 1139  |                   |       |        | 3109   | 1806   | 2958   | 4246   | 2332   | 3777   | 5382   | 2858   | 4597   |
| RT02-S02-35  | A | 2803                  | 899   | 1240  | 3386              | 1966  | 3248   | 4933   | 2682   | 4370   | 6480   | 3399   | 5492   | 8027   | 4115   | 6614   |
|              | B | 3503                  | 1123  | 1550  |                   |       |        | 4232   | 2458   | 4060   | 5779   | 3174   | 5182   | 7326   | 3890   | 6304   |
| RT02-S03-35  | A | 3503                  | 1123  | 1550  | 4232              | 2458  | 3987   | 6166   | 3353   | 5371   | 8099   | 4248   | 6755   | 10033  | 5144   | 8139   |
|              | B | 4379                  | 1404  | 1938  |                   |       |        | 5290   | 3072   | 4983   | 7224   | 3967   | 6367   | 9157   | 4863   | 7752   |
| RT02-S03-38  | A | 4130                  | 1324  | 1827  | 4988              | 2897  | 4729   | 7268   | 3952   | 6368   | 9547   | 5008   | 8008   | 11827  | 6063   | 9647   |
|              | B | 5162                  | 1655  | 2284  |                   |       |        | 6236   | 3621   | 5912   | 8515   | 4677   | 7551   | 10795  | 5732   | 9190   |
| RT02-S03-43  | A | 5288                  | 1696  | 2340  | 6388              | 3710  | 6103   | 9306   | 5061   | 8213   | 12225  | 6412   | 10324  | 15144  | 7764   | 12435  |
|              | B | 6610                  | 2120  | 2925  |                   |       |        | 7985   | 4637   | 7628   | 10903  | 5988   | 9739   | 13822  | 7340   | 11850  |
| RT02-S04-43  | A | 6568                  | 2106  | 2906  | 7934              | 4608  | 7505   | 11560  | 6286   | 10108  | 15185  | 7965   | 12711  | 18811  | 9643   | 15314  |
|              | B | 8210                  | 2633  | 3633  |                   |       |        | 9918   | 5760   | 9381   | 13543  | 7438   | 11984  | 17169  | 9117   | 14587  |
| RT02-S04-48  | A | 8184                  | 2624  | 3621  | 9886              | 5742  | 9422   | 14404  | 7833   | 12682  | 18922  | 9925   | 15943  | 23439  | 12016  | 19204  |
|              | B | 10230                 | 3280  | 4527  |                   |       |        | 12358  | 7177   | 11777  | 16876  | 9269   | 15038  | 21393  | 11360  | 18299  |
| RT02-S04-53  | A | 9978                  | 3200  | 4415  | 12053             | 7000  | 11549  | 17561  | 9550   | 15540  | 23069  | 12100  | 19531  | 28577  | 14650  | 23522  |
|              | B | 12473                 | 4000  | 5519  |                   |       |        | 15067  | 8750   | 14436  | 20575  | 11300  | 18427  | 26083  | 13850  | 22418  |
| RT02-S05-53  | A | 12261                 | 3932  | 5425  | 14811             | 8602  | 14191  | 21580  | 11735  | 19096  | 28348  | 14869  | 24000  | 35116  | 18002  | 28904  |
|              | B | 15326                 | 4915  | 6782  |                   |       |        | 18514  | 10752  | 17739  | 25282  | 13886  | 22644  | 32051  | 17019  | 27548  |
| RT02-S05-58  | A | 14684                 | 4709  | 6497  | 17738             | 10301 | 17064  | 25843  | 14054  | 22955  | 33949  | 17806  | 28845  | 42054  | 21559  | 34735  |
|              | B | 18355                 | 5886  | 8121  |                   |       |        | 22172  | 12877  | 21330  | 30278  | 16629  | 27221  | 38383  | 20382  | 33111  |
| RT02-S05-63  | A | 17324                 | 5555  | 7666  | 20928             | 12154 | 20196  | 30491  | 16581  | 27161  | 40054  | 21009  | 34127  | 49617  | 25436  | 41092  |
|              | B | 21656                 | 6944  | 9582  |                   |       |        | 26160  | 15193  | 25245  | 35723  | 19620  | 32210  | 45286  | 24047  | 39175  |
| RT02-S05-68  | A | 20183                 | 6472  | 8931  | 24382             | 14160 | 23586  | 35523  | 19318  | 31715  | 46664  | 24476  | 39845  | 57806  | 29634  | 47974  |
|              | B | 25229                 | 8090  | 11163 |                   |       |        | 30477  | 17700  | 29483  | 41618  | 22858  | 37612  | 52760  | 28016  | 45741  |
| RT02-S06-68  | A | 25334                 | 8124  | 11210 | 30603             | 17773 | 29319  | 44587  | 24247  | 39451  | 58572  | 30721  | 49584  | 72556  | 37196  | 59716  |
|              | B | 31667                 | 10155 | 14012 |                   |       |        | 38254  | 22216  | 36649  | 52238  | 28690  | 46781  | 66222  | 35165  | 56913  |
| RT02-S06-73  | A | 29196                 | 9362  | 12919 | 35269             | 20483 | 33900  | 51385  | 27944  | 45604  | 67502  | 35405  | 57309  | 83618  | 42867  | 69013  |
|              | B | 36495                 | 11703 | 16148 |                   |       |        | 44086  | 25604  | 42374  | 60203  | 33065  | 54079  | 76319  | 40526  | 65784  |
| RT02-S06-80  | A | 35064                 | 11244 | 15515 | 42357             | 24599 | 40858  | 61713  | 33560  | 54951  | 81068  | 42521  | 69044  | 100423 | 51482  | 83137  |
|              | B | 43830                 | 14055 | 19394 |                   |       |        | 52947  | 30749  | 51072  | 72302  | 39710  | 65165  | 91657  | 48671  | 79259  |
| RT02-S06-85  | A | 39584                 | 12693 | 17515 | 47817             | 27770 | 46218  | 69668  | 37886  | 62151  | 91518  | 48002  | 78084  | 113369 | 58118  | 94017  |
|              | B | 49480                 | 15867 | 21894 |                   |       |        | 59772  | 34713  | 57772  | 81622  | 44829  | 73705  | 103473 | 54945  | 89638  |
| RT02-S07-80  | A | 46238                 | 14827 | 20459 | 55856             | 32439 | 53655  | 81379  | 44255  | 72183  | 106903 | 56072  | 90712  | 132426 | 67888  | 109240 |
|              | B | 57798                 | 18534 | 25574 |                   |       |        | 69820  | 40548  | 67069  | 95343  | 52365  | 85597  | 120867 | 64181  | 104126 |
| RT02-S07-90  | A | 58520                 | 18766 | 25894 | 70693             | 41055 | 68219  | 102996 | 56010  | 91748  | 135299 | 70966  | 115276 | 167602 | 85921  | 138804 |
|              | B | 73150                 | 23457 | 32367 |                   |       |        | 88366  | 51319  | 85274  | 120669 | 66274  | 108803 | 152972 | 81229  | 132331 |
| RT02-S07-100 | A | 72247                 | 23167 | 31968 | 87275             | 50685 | 84497  | 127155 | 69149  | 113614 | 167036 | 87612  | 142730 | 206916 | 106075 | 171846 |
|              | B | 90309                 | 28959 | 39960 |                   |       |        | 109093 | 63357  | 105622 | 148974 | 81820  | 134738 | 188854 | 100283 | 163854 |
| RT02-S08-100 | A | 96330                 | 30890 | 42624 | 116366            | 67581 | 112334 | 169540 | 92198  | 151073 | 222714 | 116816 | 189813 | 275888 | 141433 | 228552 |
|              | B | 120412                | 38612 | 53280 |                   |       |        | 145458 | 84476  | 140417 | 198632 | 109093 | 179157 | 251806 | 133711 | 217896 |
| RT02-S08-120 | A | 138715                | 44481 | 61378 | 167568            | 97316 | 162596 | 244138 | 132765 | 218589 | 320709 | 168215 | 274583 | 397279 | 203664 | 330576 |
|              | B | 173394                | 55602 | 76723 |                   |       |        | 209459 | 121645 | 203245 | 286030 | 157094 | 259238 | 362601 | 192544 | 315232 |

## KRT系列耗气量参数

## KRT Series Air Consumption

| 型号<br>Model       | 开向体积(L)<br>Volume opening | 关向体积(L)<br>Volume closing | 型号<br>Model       | 开向体积(L)<br>Volume opening | 关向体积(L)<br>Volume closing |
|-------------------|---------------------------|---------------------------|-------------------|---------------------------|---------------------------|
| RT01/RT02-S01-18  | 3.12                      | 3.25                      | RT01/RT02-D01-18  | 3.3                       | 3.1                       |
| RT01/RT02-S01-20  | 3.88                      | 4.01                      | RT01/RT02-D01-20  | 4.1                       | 3.7                       |
| RT01/RT02-S01-25  | 6.15                      | 6.26                      | RT01/RT02-D01-25  | 6.35                      | 6.1                       |
| RT01/RT02-S02-25  | 8.4                       | 87                        | RT01/RT02-D02-25  | 8.8                       | 8.4                       |
| RT01/RT02-S02-30  | 12.2                      | 12.5                      | RT01/RT02-D02-30  | 12.9                      | 12.1                      |
| RT01/RT02-S02-35  | 16.7                      | 17                        | RT01/RT02-D02-35  | 17.6                      | 16.5                      |
| RT01/RT02-S03-35  | 20                        | 20.6                      | RT01/RT02-D03-35  | 21.4                      | 20.3                      |
| RT01/RT02-S03-38  | 23.7                      | 24.3                      | RT01/RT02-D03-38  | 25.3                      | 23.9                      |
| RT01/RT02-S03-43  | 30.6                      | 31.2                      | RT01/RT02-D03-43  | 32.6                      | 30.6                      |
| RT01/RT02-S04-43  | 38.8                      | 40                        | RT01/RT02-D04-43  | 42.4                      | 38.8                      |
| RT01/RT02-S04-48  | 48.6                      | 49.7                      | RT01/RT02-D04-48  | 53.1                      | 48.4                      |
| RT01/RT02-S04-53  | 59.5                      | 60.6                      | RT01/RT02-D04-53  | 65                        | 59.1                      |
| RT01/RT02-S05-53  | 72.6                      | 74.3                      | RT01/RT02-D05-53  | 79.7                      | 71.9                      |
| RT01/RT02-S05-58  | 87.3                      | 89                        | RT01/RT02-D05-58  | 95.8                      | 86.2                      |
| RT01/RT02-S05-63  | 103.3                     | 105                       | RT01/RT02-D05-63  | 113.4                     | 101.6                     |
| RT01/RT02-S05-68  | 115                       | 115.8                     | RT01/RT02-D05-68  | 120                       | 113                       |
| RT01/RT02-S06-68  | 149                       | 151                       | RT01/RT02-D06-68  | 164                       | 145                       |
| RT01/RT02-S06-73  | 172                       | 175                       | RT01/RT02-D06-73  | 189                       | 167                       |
| RT01/RT02-S07-68  | 198                       | 202                       | RT01/RT02-D07-68  | 216                       | 194                       |
| RT01/RT02-S06-80  | 199                       | 201                       | RT01/RT02-D06-80  | 216                       | 195                       |
| RT01/RT02-S06-85  | 225                       | 227                       | RT01/RT02-D06-85  | 242                       | 220                       |
| RT01/RT02-S07-80  | 276                       | 280                       | RT01/RT02-D07-80  | 301                       | 268                       |
| RT01/RT02-S07-90  | 332                       | 335                       | RT01/RT02-D07-90  | 355                       | 327                       |
| RT01/RT02-S07-100 | 410                       | 445                       | RT01/RT02-D07-100 | 466                       | 405                       |
| RT01/RT02-S08-100 | 577                       | 584                       | RT01/RT02-D08-100 | 624                       | 557                       |
| RT01/RT02-S08-120 | 790                       | 796                       | RT01/RT02-D08-120 | 818                       | 783                       |

备注：表中数据为单次动作所需的最大消耗气体体积。(单作用=开向；双作用=开向+关向)

Note: The data in the table is the maximum gas consumption volume required for a single operation. (single action = on ; Double action = on + off)

## KRT系列重量表

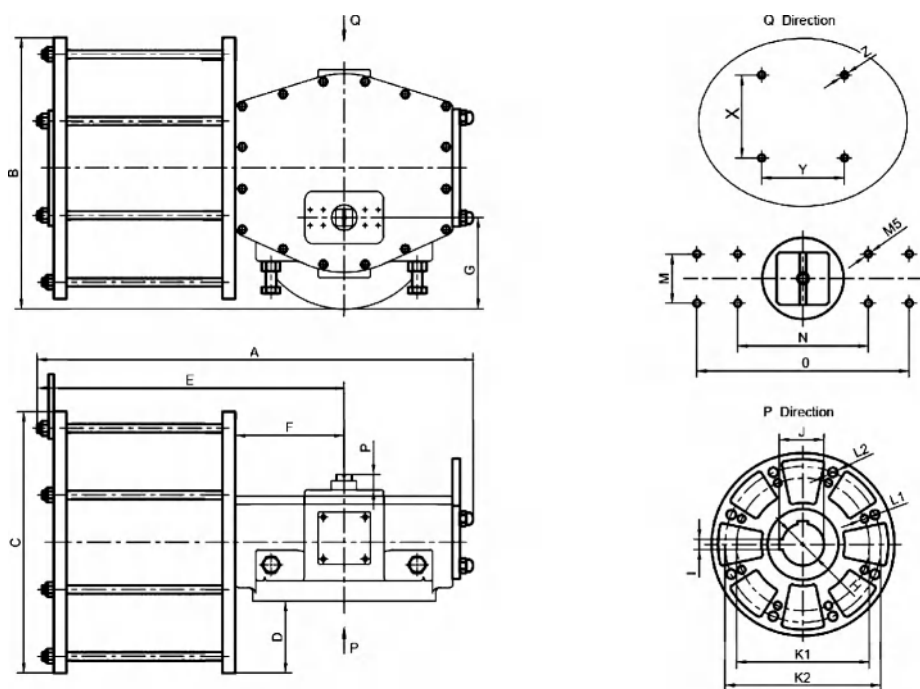
## KRT Series Weight Table

| 型号(单作用)<br>Model (Single action) | 重量<br>Weight (kg) | 型号(双作用)<br>Model (Double action) | 重量<br>Weight (kg) |
|----------------------------------|-------------------|----------------------------------|-------------------|
| RT01/RT02-S01-18                 | 68                | RT01/RT02-D01-18                 | 38                |
| RT01/RT02-S01-20                 | 76                | RT01/RT02-D01-20                 | 42                |
| RT01/RT02-S01-25                 | 85                | RT01/RT02-D01-25                 | 45                |
| RT01/RT02-S02-25                 | 102               | RT01/RT02-D02-25                 | 53                |
| RT01/RT02-S02-30                 | 140               | RT01/RT02-D02-30                 | 61                |
| RT01/RT02-S02-35                 | 190               | RT01/RT02-D02-35                 | 205               |
| RT01/RT02-S03-35                 | 281               | RT01/RT02-D03-35                 | 210               |
| RT01/RT02-S03-38                 | 340               | RT01/RT02-D03-38                 | 235               |
| RT01/RT02-S03-43                 | 380               | RT01/RT02-D03-43                 | 260               |
| RT01/RT02-S04-43                 | 490               | RT01/RT02-D04-43                 | 355               |
| RT01/RT02-S04-48                 | 550               | RT01/RT02-D04-48                 | 389               |
| RT01/RT02-S04-53                 | 640               | RT01/RT02-D04-53                 | 375               |
| RT01/RT02-S05-53                 | 950               | RT01/RT02-D05-53                 | 600               |
| RT01/RT02-S05-58                 | 1100              | RT01/RT02-D05-58                 | 640               |
| RT01/RT02-S05-63                 | 1304              | RT01/RT02-D05-63                 | 680               |
| RT01/RT02-S05-68                 | 1550              | RT01/RT02-S05-68                 | 850               |
| RT01/RT02-S06-68                 | 1900              | RT01/RT02-D06-68                 | 1030              |
| RT01/RT02-S06-73                 | 1850              | RT01/RT02-D06-73                 | 1090              |
| RT01/RT02-S06-80                 | 2000              | RT01/RT02-D06-80                 | 1200              |
| RT01/RT02-S06-85                 | 2300              | RT01/RT02-S06-85                 | 1360              |
| RT01/RT02-S07-80                 | 2700              | RT01/RT02-D07-80                 | 1650              |
| RT01/RT02-S07-90                 | 3100              | RT01/RT02-D07-90                 | 1800              |
| RT01/RT02-S07-100                | 3500              | RT01/RT02-S07-100                | 2100              |
| RT01/RT02-S08-100                | 4200              | RT01/RT02-D08-100                | 2450              |
| RT01/RT02-S08-120                | 6800              | RT01/RT02-S08-120                | 5200              |

本数据仅供参考，如有更改，恕不另行通知！

This data is for reference only, subject to change without notice!





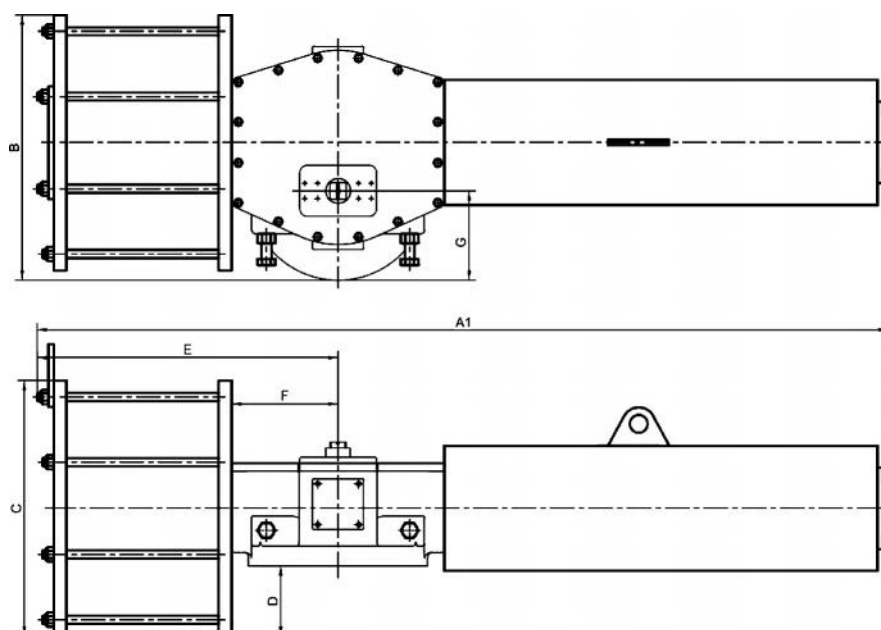
## 双作用/对称和倾斜的数据

### Double Acting / Symmetric and Canted Data

| 型号<br>Model       | A    | A1     |        | B     | C     | D   | E    | F   | G     | H    | I  | J     |
|-------------------|------|--------|--------|-------|-------|-----|------|-----|-------|------|----|-------|
|                   |      | 4.0Bar | 5.0Bar |       |       |     |      |     |       |      |    |       |
| RT01/02-D/S01-18  | 564  | 884    | 909    | 243.5 | Φ196  | 11  | 407  | 127 | 87.5  | Φ40  | 12 | 43.3  |
| RT01/02-D/S01-20  | 564  | 930    | 945    | 252.5 | Φ214  | 20  | 407  | 127 | 87.5  | Φ40  | 12 | 43.3  |
| RT01/02-D/S01-25  | 564  | 970    | 990    | 278.5 | Φ266  | 46  | 407  | 127 | 87.5  | Φ40  | 12 | 43.3  |
| RT01/02-D/S02-25  | 727  | 1259   | 1289   | 314   | Φ266  | 35  | 517  | 175 | 105   | Φ50  | 14 | 53.8  |
| RT01/02-D/S02-30  | 736  | 1328   | 1339   | 341   | Φ320  | 62  | 526  | 175 | 105   | Φ50  | 14 | 53.8  |
| RT01/02-D/S02-35  | 727  | 1361   | 1376   | 391   | Φ420  | 112 | 517  | 175 | 105   | Φ50  | 14 | 53.8  |
| RT01/02-D/S03-35  | 832  | 1535   | 1545   | 480   | Φ420  | 97  | 588  | 208 | 175   | Φ80  | 20 | 84.9  |
| RT01/02-D/S03-38  | 832  | 1557   | 1616   | 495   | Φ450  | 112 | 588  | 208 | 175   | Φ80  | 20 | 84.9  |
| RT01/02-D/S03-43  | 832  | 1601   | 1663   | 520   | Φ500  | 137 | 588  | 208 | 175   | Φ80  | 20 | 84.9  |
| RT01/02-D/S04-43  | 1050 | 1902   | 1924   | 580.5 | Φ510  | 98  | 740  | 265 | 207.5 | Φ90  | 25 | 95.4  |
| RT01/02-D/S04-48  | 1050 | 1952   | 2074   | 605.5 | Φ560  | 123 | 740  | 265 | 207.5 | Φ90  | 25 | 95.4  |
| RT01/02-D/S04-53  | 1050 | 1999   | 2004   | 630.5 | Φ610  | 148 | 740  | 265 | 207.5 | Φ90  | 25 | 95.4  |
| RT01/02-D/S05-53  | 1360 | 2348   | 2383   | 687.5 | Φ610  | 141 | 985  | 330 | 237.5 | Φ120 | 32 | 127.4 |
| RT01/02-D/S05-58  | 1360 | 2383   | 2439   | 722.5 | Φ680  | 176 | 985  | 330 | 237.5 | Φ120 | 32 | 127.4 |
| RT01/02-D/S05-63  | 1360 | 2597   | 2691   | 752.5 | Φ740  | 206 | 985  | 330 | 237.5 | Φ120 | 32 | 127.4 |
| RT01/02-D/S05-68  | 1360 | 2617   | 2705   | 777.5 | Φ790  | 231 | 985  | 330 | 237.5 | Φ120 | 32 | 127.4 |
| RT01/02-D/S06-68  | 1594 | 3085   | 3155   | 814.5 | Φ790  | 185 | 1127 | 415 | 237.5 | Φ150 | 36 | 158.4 |
| RT01/02-D/S06-73  | 1594 | 3147   | 3225   | 839.5 | Φ840  | 210 | 1127 | 415 | 237.5 | Φ150 | 36 | 158.4 |
| RT01/02-D/S06-80  | 1594 | 3247   | 3291   | 884.5 | Φ930  | 255 | 1127 | 415 | 237.5 | Φ150 | 36 | 158.4 |
| RT01/02-D/S06-85  | 1637 | 3317   | 3372   | 864.5 | Φ890  | 235 | 1170 | 415 | 237.5 | Φ150 | 36 | 158.4 |
| RT01/02-D/S07-80  | 1965 | 3955   | 4035   | 948   | Φ856  | 199 | 1410 | 500 | 280   | Φ190 | 45 | 200.4 |
| RT01/02-D/S07-90  | 1965 | 4050   | 4160   | 993   | Φ946  | 244 | 1410 | 500 | 280   | Φ190 | 45 | 200.4 |
| RT01/02-D/S07-100 | 1965 | 4180   | 4306   | 1043  | Φ1046 | 294 | 1410 | 500 | 280   | Φ190 | 45 | 200.4 |
| RT01/02-D/S08-100 | 2310 | 4880   | 4990   | 1186  | Φ1046 | 240 | 1620 | 630 | 343   | Φ250 | 56 | 262.4 |
| RT01/02-D/S08-120 | 2310 | 5090   | 5210   | 1288  | Φ1250 | 342 | 1620 | 630 | 343   | Φ250 | 56 | 262.4 |

本数据仅供参考，如有更改，恕不另行通知！

This data is for reference only, subject to change without notice!



## 单作用/对称和倾斜的数据

### Spring Return / Symmetric and Canted Data

| 型号<br>Model       | K1   | K2   | L1     | L2     | M  | N  | O   | P  | X   | Y   | Z     | 气源接口<br>Air connection |
|-------------------|------|------|--------|--------|----|----|-----|----|-----|-----|-------|------------------------|
| RT01/02-D/S01-18  | Φ140 |      | 4-M16  |        | 30 | 80 |     | 20 | 40  | 40  | 4-M6  | Rc3/8"                 |
| RT01/02-D/S01-20  | Φ140 |      | 4-M16  |        | 30 | 80 |     | 20 | 40  | 40  | 4-M6  | Rc3/8"                 |
| RT01/02-D/S01-25  | Φ140 |      | 4-M16  |        | 30 | 80 |     | 20 | 40  | 40  | 4-M6  | Rc3/8"                 |
| RT01/02-D/S02-25  | Φ165 |      | 4-M20  |        | 30 | 80 | 130 | 30 | 80  | 80  | 4-M8  | Rc3/8"                 |
| RT01/02-D/S02-30  | Φ165 |      | 4-M20  |        | 30 | 80 | 130 | 30 | 80  | 80  | 4-M8  | Rc3/8"                 |
| RT01/02-D/S02-35  | Φ165 |      | 4-M20  |        | 30 | 80 | 130 | 30 | 80  | 80  | 4-M8  | Rc1/2"                 |
| RT01/02-D/S03-35  | Φ254 | Φ298 | 8-M16  | 8-M20  | 30 | 80 | 130 | 30 | 80  | 80  | 4-M8  | Rc3/4"                 |
| RT01/02-D/S03-38  | Φ254 | Φ298 | 8-M16  | 8-M20  | 30 | 80 | 130 | 30 | 80  | 80  | 4-M8  | Rc3/4"                 |
| RT01/02-D/S03-43  | Φ254 | Φ298 | 8-M16  | 8-M20  | 30 | 80 | 130 | 30 | 80  | 80  | 4-M8  | Rc3/4"                 |
| RT01/02-D/S04-43  | Φ298 | Φ356 | 8-M20  | 8-M30  | 30 | 80 | 130 | 30 | 100 | 100 | 4-M10 | Rc1"                   |
| RT01/02-D/S04-48  | Φ298 | Φ356 | 8-M20  | 8-M30  | 30 | 80 | 130 | 30 | 100 | 100 | 4-M10 | Rc1"                   |
| RT01/02-D/S04-53  | Φ298 | Φ356 | 8-M20  | 8-M30  | 30 | 80 | 130 | 30 | 100 | 100 | 4-M10 | Rc1"                   |
| RT01/02-D/S05-53  | Φ356 | Φ406 | 8-M30  | 8-M36  | 30 | 80 | 130 | 30 | 100 | 100 | 4-M12 | Rc1"                   |
| RT01/02-D/S05-58  | Φ356 | Φ406 | 8-M30  | 8-M36  | 30 | 80 | 130 | 30 | 100 | 100 | 4-M12 | Rc1"                   |
| RT01/02-D/S05-63  | Φ356 | Φ406 | 8-M30  | 8-M36  | 30 | 80 | 130 | 30 | 100 | 100 | 4-M12 | Rc1"                   |
| RT01/02-D/S05-68  | Φ356 | Φ406 | 8-M30  | 8-M36  | 30 | 80 | 130 | 30 | 100 | 100 | 4-M12 | Rc1"                   |
| RT01/02-D/S06-68  | Φ406 |      | 8-M36  |        | 30 | 80 | 130 | 30 | 160 | 160 | 4-M12 | Rc1"                   |
| RT01/02-D/S06-73  | Φ406 |      | 8-M36  |        | 30 | 80 | 130 | 30 | 160 | 160 | 4-M12 | Rc1"                   |
| RT01/02-D/S06-80  | Φ406 |      | 8-M36  |        | 30 | 80 | 130 | 30 | 160 | 160 | 4-M12 | Rc1-1/2"               |
| RT01/02-D/S06-85  | Φ406 |      | 8-M36  |        | 30 | 80 | 130 | 30 | 160 | 160 | 4-M12 | Rc1-1/2"               |
| RT01/02-D/S07-80  | Φ406 | Φ483 | 8-M36  | 12-M36 | 30 | 80 | 130 | 30 | 180 | 180 | 4-M16 | Rc1-1/2"               |
| RT01/02-D/S07-90  | Φ406 | Φ483 | 8-M36  | 12-M36 | 30 | 80 | 130 | 30 | 180 | 180 | 4-M16 | Rc1-1/2"               |
| RT01/02-D/S07-100 | Φ406 | Φ483 | 8-M36  | 12-M36 | 30 | 80 | 130 | 30 | 180 | 180 | 4-M16 | Rc1-1/2"               |
| RT01/02-D/S08-100 | Φ483 | Φ603 | 12-M36 | 20-M36 | 30 | 80 | 130 | 30 | 200 | 200 | 4-M16 | Rc1-1/2"               |
| RT01/02-D/S08-120 | Φ483 | Φ603 | 12-M36 | 20-M36 | 30 | 80 | 130 | 30 | 200 | 200 | 4-M16 | Rc1-1/2"               |

本数据仅供参考，如有更改，恕不另行通知！

This data is for reference only, subject to change without notice!

## CHEMSUN Pneumatic Actuators

### Type RT Series Scotch-Yoke Actuator, Selection type table

| CHEMSUN Scotch-Yoke Actuator, Type: RT  | 01 | S | 02 | 30 | A | S | FC | HM |
|-----------------------------------------|----|---|----|----|---|---|----|----|
| <b>Scotch-Yoke Structure / 拨叉结构</b>     |    |   |    |    |   |   |    |    |
| Symmetrical type / 对称式                  | 01 |   |    |    |   |   |    |    |
| Canted type / 倾斜式                       | 02 |   |    |    |   |   |    |    |
| <b>Acting type / 作用形式</b>               |    |   |    |    |   |   |    |    |
| Single-acting / 单作用                     |    | S |    |    |   |   |    |    |
| Double-acting / 双作用                     |    | D |    |    |   |   |    |    |
| <b>Shell Size Code / 箱体规格代码</b>         |    |   |    |    |   |   |    |    |
| 02/03/04/05/06/07/08                    |    |   |    |    |   |   |    |    |
| <b>Cylinder Size / 气缸规格(mm)</b>         |    |   |    |    |   |   |    |    |
| 18/20/25/30/35/38/43/48/53/58           |    |   |    |    |   |   |    |    |
| 63/68/73/80/85/90/100/120               |    |   |    |    |   |   |    |    |
| <b>Spring Specification / 弹簧规格</b>      |    |   |    |    |   |   |    |    |
| Air Supply pressure 4.2Bar / 气源压力4.2Bar |    |   |    |    | A |   |    |    |
| Air Supply pressure 5.5Bar / 气源压力5.5Bar |    |   |    |    | B |   |    |    |
| <b>Temperature Range Option / 温度类型</b>  |    |   |    |    |   |   |    |    |
| Normal Tem. / 标准型: -20℃~+80°            |    |   |    |    |   | S |    |    |
| Low Tem. / 低温型: -40℃~+80℃               |    |   |    |    |   | L |    |    |
| High Tem. / 高温型: -20℃~+150℃             |    |   |    |    |   | H |    |    |
| <b>Air Faillure Position / 气源故障位置</b>   |    |   |    |    |   |   |    |    |
| Faillure Close                          |    |   |    |    |   |   | FC |    |
| Faillure Open                           |    |   |    |    |   |   | FO |    |
| Faillure Lock                           |    |   |    |    |   |   | FL |    |
| <b>Accessories Option / 附件选择</b>        |    |   |    |    |   |   |    |    |
| Hydraulic Manual / 液压手动                 |    |   |    |    |   |   |    | HM |
| Screw Manual / 丝杆手动                     |    |   |    |    |   |   |    | SM |
| Gear Manual / 伞齿手动                      |    |   |    |    |   |   |    | GM |

\*\*\* Specifications subject to change without notice, please focus on our infor in web./数据变更，不另行通知，请关注公司网站信息。