


**主要外形及连接法兰尺寸Q641F(N、P、H、Y)-Class 150 Main Outline and Connecting Flange Size**

| 公称通径<br>Nominal diameter |       | 外形尺寸 Outline Size |                |                |         | 连接法兰尺寸 Connecting Flange Size |                |                |      |     |       | 执行器型号<br>Actuator Model |
|--------------------------|-------|-------------------|----------------|----------------|---------|-------------------------------|----------------|----------------|------|-----|-------|-------------------------|
| mm                       | in    | L                 | L <sub>1</sub> | L <sub>2</sub> | ~H      | D                             | D <sub>1</sub> | D <sub>2</sub> | C    | f   | n-Φd  |                         |
| 15                       | 1/2   | 108               | 141/159        | 71/83          | 204/235 | 89                            | 60.5           | 35             | 10   | 1.6 | 4-Φ15 | AT050D/AT063S           |
| 20                       | 3/4   | 117               | 141/159        | 71/83          | 209/240 | 99                            | 69.9           | 43             | 10.5 | 1.6 | 4-Φ15 | AT050D/AT063S           |
| 25                       | 1     | 127               | 159/211        | 83/95          | 214/256 | 108                           | 79.2           | 51             | 11.5 | 1.6 | 4-Φ15 | AT063D/AT075S           |
| 32                       | 1 1/4 | 140               | 211/248        | 95/107         | 257/277 | 117                           | 88.9           | 64             | 13   | 1.6 | 4-Φ15 | AT075D/AT088S           |
| 40                       | 1 1/2 | 165               | 248/269        | 107/123        | 274/292 | 127                           | 98.6           | 73             | 14.5 | 1.6 | 4-Φ15 | AT088D/AT100S           |
| 50                       | 2     | 178               | 248/269        | 107/123        | 290/300 | 152                           | 120.7          | 92             | 16   | 1.6 | 4-Φ19 | AT088D/AT100S           |
| 65                       | 2 1/2 | 190               | 269/345        | 123/152        | 310/335 | 178                           | 139.7          | 105            | 18   | 1.6 | 4-Φ19 | AT100D/AT125S           |
| 80                       | 3     | 203               | 269/345        | 123/152        | 346/368 | 191                           | 152.47         | 127            | 19.5 | 1.6 | 4-Φ19 | AT100D/AT125S           |
| 100                      | 4     | 229               | 345/409        | 152/172        | 378/410 | 229                           | 190.5          | 157            | 24   | 1.6 | 8-Φ19 | AT125D/AT145S           |
| 125                      | 5     | 356               | 409/438        | 172/187        | 425/450 | 254                           | 215.9          | 186            | 24   | 1.6 | 8-Φ22 | AT145D/AT160S           |
| 150                      | 6     | 394               | 550/600        | 215/240        | 468/531 | 279                           | 241.3          | 216            | 25.5 | 1.6 | 8-Φ22 | AT190D/AT210S           |
| 200                      | 8     | 457               | 633/730        | 262/330        | 583/618 | 343                           | 298.5          | 270            | 28.5 | 1.6 | 8-Φ22 | AT240D/AT270S           |

※注：球阀结构长度及连接法兰尺寸可根据用户要求设计制造。  
 ※注：执行器型号XXX/XXX分别是气动执行器双作用式/单作用式(弹簧复位)。  
 ※注：根据不同阀门扭矩、使用介质适配的执行器型号可能有所不同，相关尺寸随之变化。  
 ※注：以上执行器配置及数据均采用软密封(F、N、P)阀门，硬密封阀门的配置及数据请咨询本公司。  
 Note: The structural length and connecting flange size of ball valve series can be designed and manufactured as per users' requirements.  
 Note: Data XXX/XXX represent respectively the double-acting/single-acting type(spring reposition)of pneumatic actuator  
 Note: The relative sizes are subject to change responding to the difference in valve torque, medium and actuator model  
 Note: the above actuator configuration and data all use soft-sealed valves (F, N, P) and hard-sealed valves,or consulting us if you have more questions.

**主要外形及连接法兰尺寸Q641F(N、P、H、Y)-Class 300 Main Outline and Connecting Flange Size**

| 公称通径<br>Nominal diameter |       | 外形尺寸 Outline Size |                |                |         | 连接法兰尺寸 Connecting Flange Size |                |                |      |     |        | 执行器型号<br>Actuator Model |
|--------------------------|-------|-------------------|----------------|----------------|---------|-------------------------------|----------------|----------------|------|-----|--------|-------------------------|
| mm                       | in    | L                 | L <sub>1</sub> | L <sub>2</sub> | ~H      | D                             | D <sub>1</sub> | D <sub>2</sub> | C    | f   | n-Φd   |                         |
| 15                       | 1/2   | 140               | 141/159        | 71/83          | 204/235 | 95                            | 65.7           | 35             | 14.5 | 1.6 | 4-Φ16  | AT050D/AT063S           |
| 20                       | 3/4   | 152               | 141/159        | 71/83          | 209/240 | 117                           | 82.5           | 43             | 15.8 | 1.6 | 4-Φ19  | AT050D/AT063S           |
| 25                       | 1     | 165               | 211/248        | 95/107         | 214/265 | 124                           | 88.9           | 51             | 17.6 | 1.6 | 4-Φ19  | AT075D/AT088S           |
| 32                       | 1 1/4 | 178               | 211/248        | 95/107         | 269/287 | 133                           | 98.4           | 64             | 19.1 | 1.6 | 4-Φ19  | AT075D/AT088S           |
| 40                       | 1 1/2 | 190               | 248/269        | 107/123        | 282/292 | 155                           | 114.3          | 73             | 20.6 | 1.6 | 4-Φ19  | AT088D/AT100S           |
| 50                       | 2     | 216               | 269/315        | 123/141        | 290/325 | 165                           | 127            | 92             | 22.3 | 1.6 | 8-Φ19  | AT100D/AT115S           |
| 65                       | 2 1/2 | 241               | 269/345        | 123/152        | 310/357 | 191                           | 149.2          | 105            | 25.4 | 1.6 | 8-Φ22  | AT100D/AT125S           |
| 80                       | 3     | 283               | 345/409        | 152/172        | 346/368 | 210                           | 168.3          | 127            | 28.6 | 1.6 | 8-Φ22  | AT125D/AT145S           |
| 100                      | 4     | 305               | 409/438        | 172/187        | 418/443 | 254                           | 200            | 157            | 31.8 | 1.6 | 8-Φ26  | AT145D/AT160S           |
| 125                      | 5     | 381               | 438/550        | 187/215        | 460/503 | 279                           | 234.9          | 186            | 35   | 1.6 | 8-Φ26  | AT160D/AT190S           |
| 150                      | 6     | 403               | 550/600        | 240/262        | 518/563 | 318                           | 269.9          | 216            | 36.6 | 1.6 | 12-Φ26 | AT210D/AT240S           |
| 200                      | 8     | 502               | 633/730        | 262/330        | 583/618 | 381                           | 330.2          | 270            | 41.3 | 1.6 | 12-Φ29 | AT240D/AT270S           |

**主要外形及连接法兰尺寸Q641F(N、P、H、Y)-Class 400 Main Outline and Connecting Flange Size**

| 公称通径<br>Nominal diameter |       | 外形尺寸 Outline Size |                |                |         | 连接法兰尺寸 Connecting Flange Size |                |                |      |     |        | 执行器型号<br>Actuator Model |
|--------------------------|-------|-------------------|----------------|----------------|---------|-------------------------------|----------------|----------------|------|-----|--------|-------------------------|
| mm                       | in    | L                 | L <sub>1</sub> | L <sub>2</sub> | ~H      | D                             | D <sub>1</sub> | D <sub>2</sub> | C    | f   | n-Φd   |                         |
| 15                       | 1/2   | 165               | 141/211        | 71/95          | 204/235 | 95                            | 65.7           | 35             | 14.5 | 6.4 | 4-Φ16  | AT050D/AT075S           |
| 20                       | 3/4   | 190               | 159/211        | 83/95          | 240/252 | 117                           | 82.5           | 43             | 15.8 | 6.4 | 4-Φ19  | AT063D/AT075S           |
| 25                       | 1     | 216               | 211/248        | 95/107         | 257/265 | 124                           | 88.9           | 51             | 17.6 | 6.4 | 4-Φ19  | AT075D/AT088S           |
| 32                       | 1 1/4 | 229               | 248/269        | 107/123        | 269/287 | 133                           | 98.4           | 64             | 20.6 | 6.4 | 4-Φ19  | AT088D/AT100S           |
| 40                       | 1 1/2 | 241               | 248/315        | 107/141        | 282/292 | 156                           | 114.3          | 73             | 22.3 | 6.4 | 4-Φ19  | AT088D/AT115S           |
| 50                       | 2     | 292               | 269/345        | 123/152        | 300/325 | 165                           | 127            | 92             | 25.4 | 6.4 | 8-Φ19  | AT100D/AT125S           |
| 65                       | 2 1/2 | 330               | 345/438        | 152/187        | 335/357 | 190                           | 149.2          | 105            | 28.6 | 6.4 | 8-Φ22  | AT125D/AT160S           |
| 80                       | 3     | 356               | 409/438        | 172/187        | 368/400 | 210                           | 168.3          | 127            | 31.8 | 6.4 | 8-Φ22  | AT145D/AT160S           |
| 100                      | 4     | 406               | 438/550        | 187/215        | 418/506 | 254                           | 200            | 157            | 35   | 6.4 | 8-Φ26  | AT160D/AT190S           |
| 125                      | 5     | 457               | 550/633        | 215/262        | 445/548 | 279                           | 234.9          | 186            | 38.2 | 6.4 | 8-Φ26  | AT190D/AT240S           |
| 150                      | 6     | 495               | 633/730        | 262/300        | 563/598 | 318                           | 269.9          | 216            | 41.3 | 6.4 | 12-Φ26 | AT240D/AT270S           |
| 200                      | 8     | 597               | 730            | 330            | 636/666 | 381                           | 330.2          | 270            | 47.6 | 6.4 | 12-Φ29 | AT270S                  |

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