CTMP 腾龙·泵阀

CHINA · TENGLONG MAGNETIC PUMP

FLUORINE LINING VALVE

# Q41F Fluoroplastic ball valve

## Design feature

- Configurable pneumatic, electric, hydraulic and other drive device, realize remote control and automation.
- Ball and stem as a whole, eliminates the rotation angle difference, eliminate the risk to stem out in vitro caused by changes in pressure, ensure the safety, reliability, use.
- Adopt special molding process, will be lined on the inner wall of the shell valves lining material, corrosion resistance to strong acid, strong alkali medium. Lining spherical and PTFE seat combination, good sealing performance, achieve zero leakage.
- Switch quickly and easily, only the sphere to rotate 90 degrees, then complete the valve opening and closing action.
- Fluid resistance small, lining valve smooth inner wall, flow passage is fluid resistance all the valves in a minimum.

## Model meaning

Q 41 F - 16 C - 80

| | |
|---|---|
| Q | Ball valve |
| 4 | Flange |
| 1 | Floating type |
| F | Fluoroplastic |
| 16 | Nominal pressure 1.6Mpa |
| C | Carbon steel |
| 80 | Nominal diameter 80mm |



# Mounting size

**Q41F** Series

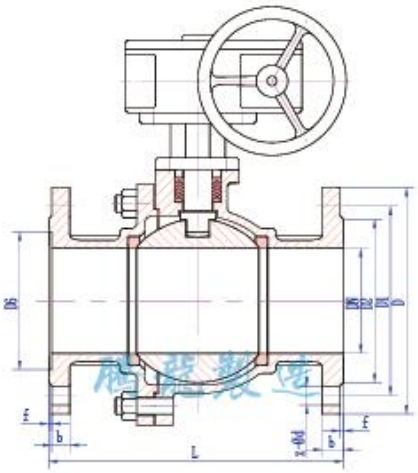
National1.6Mpa

| DN(mm) | L | D | D1 | D2 | b | f | z-Ød | H |
|---|---|---|---|---|---|---|---|---|
| 15 | 130 | 95 | 65 | 46 | 14 | 2 | 4-Ø14 | 95 |
| 20 | 140 | 105 | 75 | 56 | 16 | 2 | 4-Ø14 | 98 |
| 25 | 150 | 115 | 85 | 65 | 16 | 2 | 4-Ø14 | 104 |
| 32 | 165 | 140/135 | 100 | 76 | 18 | 2 | 4-Ø18 | 115 |
| 40 | 180 | 150/145 | 110 | 84 | 18 | 3 | 4-Ø18 | 125 |
| 50 | 200 | 165/160 | 125 | 99 | 20 | 3 | 4-Ø18 | 132 |
| 65 | 220 | 185/180 | 145 | 118 | 20 | 3 | 4-Ø18 | 148 |
| 80 | 250 | 200/195 | 160 | 132 | 20 | 3 | 8-Ø18 | 165 |
| 100 | 280 | 220/215 | 180 | 156 | 22 | 3 | 8-Ø18 | 180 |
| 125 | 320 | 250/245 | 210 | 184 | 22 | 3 | 8-Ø18 | 230 |
| 150 | 360 | 285/280 | 240 | 211 | 24 | 3 | 8-Ø22 | 283 |
| 200 | 400 | 340/335 | 295 | 266 | 24 | 3 | 12-Ø22 | 325 |
| 250 | 460 | 405 | 355 | 319 | 26 | 3 | 12-Ø26 | 380 |

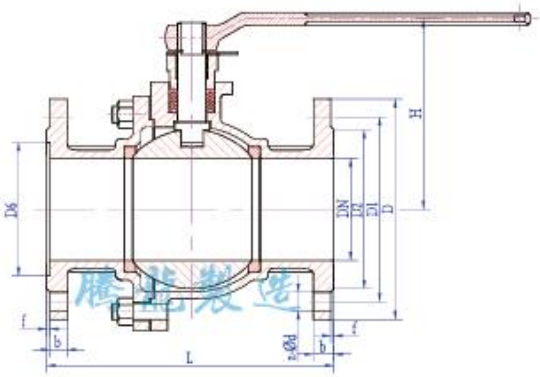
腾龙泵阀 TENGLONG PUMP VALVE

| Internal material | Temperature | Scope of application |
|---|---|---|
| PFA | -20～180℃ | Strong acid, strong base, Wang Shui, strong oxidant |
| F46 | -20～150℃ | Strong acid, strong base, alcohol, ketone, organic solvent |
| F40 | -20～150℃ | Strong acid, strong base, alcohol, ketone, organic solvent |

| | | |
|---|---|---|
| pressure: | 1.0Mpa | 1.6Mpa |
| Strength: | 1.5Mpa | 2.4Mpa |
| Seal: | 1.1Mpa | 1.76Mpa |
| Air tightness: | 0.4Mpa | 0.6Mpa |




Turbine floating ball valve -Q341




Floating ball valve- Q41

腾龙製造

