CTMP 腾龙·泵阀

CHINA · TENGLONG MAGNETIC PUMP

DISCHARGE VALVE

FQ41F Fluoroplastic discharge 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

F Q 4 1 F - 16 C - 80 - 125

FQ	Discharge ball valve
4	Flange
1	Floating type
F	Fluoroplastic
16	Nominal pressure 1.6MPa
C	Carbon steel
80	Nominal diameter 80mm
125	The valve cover flange size



Mounting size

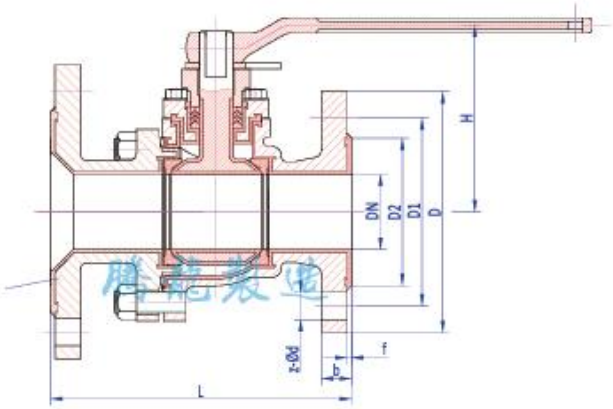
FQ41F Series

National1.6Mpa

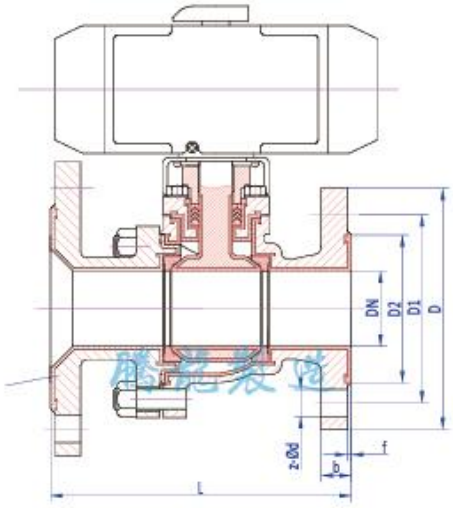
DN (mm)	L	D	D1	D2	b	f	z-Ød	H
25	150	115	85	65	16	2	4-Ø14	104
32	165	135/140	100	78	18	2	4-Ø18	115
40	180	145/150	110	85	18	3	4-Ø18	125
50	200	160/165	125	100	20	3	4-Ø18	132
65	220	180/185	145	120	20	3	4-Ø18	148
80	250	195/200	160	135	20	3	8-Ø18	165
100	280	215/220	180	155	22	3	8-Ø18	180
125	320	245/250	210	185	22	3	8-Ø18	230
150	360	280/285	240	210	24	3	8-Ø23	283
200	400	335/340	295	265	24	3	12-Ø23	325

Internal material	Temperature ℃	Applicable substance
PFA	-20～180℃	Strong acid and base, Wang Shui, oxidant
F46	-20～150℃	Strong acid base, alcohol, ketone, organic solvent
F40	-20～150℃	Strong acid base, alcohol, ketone, organic solvent

pressure:	1.0Mpa	1.6Mpa
Strength:	1.5Mpa	2.4Mpa
Seal:	1.1Mpa	1.76Mpa
Airtight:	0.6Mpa	0.6Mpa



FQ41Fs
Two-stage manual discharge ball valve



FQ641Fs
Two-stage pneumatic discharge ball valve



