CTMP 腾龙·泵阀

CHINA · TENGLONG MAGNETIC PUMP

WAFER FLUORINE LINING VALVE

D371F Fluoroplastic butterfly valve

Design feature

- The lined butterfly valve structure to the center line seal , valve stem and disc com, the butterfly plate rotation 90 °, the process of opening and closing the valve can achieve . Connection mode of clip type.
- The center line butterfly valve seal for the butterfly plate and the valve seat is in the 360 °circumference concentric, with two-way sealing performance, pressure, flow rate can bead justed freely.
- Butterfly valve has the advantages of small volume, light weight, compact structure, compared with the same para meters valve, reduce the weight of about 35 ~ 60%.
- Medium corrosion butterfly valve can withstand the lining material, using quadrupole sealing structure, and the sealing surface with elastic gasket special rubber, good sealing performance.
- The connection with special groove and the special O type ring combined seal shaft end , the disc circumference , prevent leakage of medium, to achieve zero leakage.
- Configurable pneumatic, electric, hydraulic and other drive device, realize remote control and automation.

Model meaning

D 3 71 F - 10 C - 80

D	Butterfly valve
3	Turbine drive
71	Wafer through type
F	Fluoroplastic
10	Nominal pressure 1.0Mpa
C	Carbon steel
80	Nominal diameter 80mm



Mounting size

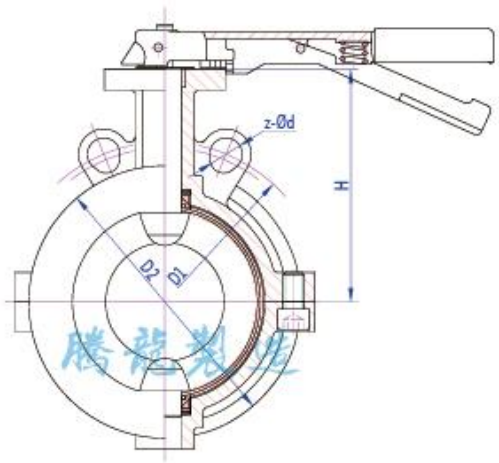
D371F Series

National 1.0Mpa

DN (mm)	L	D1	D2	z-Ød	H
50	43	125	100	4-Ø18	112
65	46	145	120	4-Ø18	122
80	46	160	135	4-Ø18	129
100	52	180	155	8-Ø18	142
125	56	210	185	8-Ø18	157
150	56	240	210	8-Ø23	170
200	60	295	265	8-Ø23	210
250	68	350	320	12-Ø23	246
300	78	400	368	12-Ø23	274
350	78	460	428	16-Ø23	320
400	102	515	482	16-Ø25	340
450	114	565	532	20-Ø25	365
500	127	620	585	20-Ø25	410
600	154	725	685	20-Ø30	470
700	165	840	800	24-Ø30	500
800	190	950	905	24-Ø34	580
900	203	1110	1001	28-Ø34	670
1000	216	1220	1120	28-Ø34	796
1200	254	1450	1325	32-Ø41	868

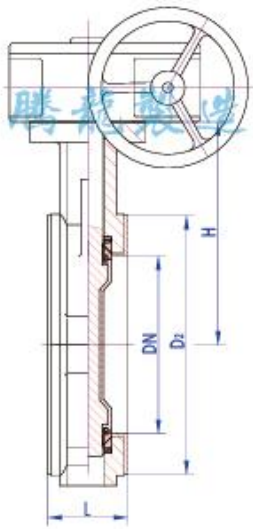
Internal material	Temperature	Applicable substance
PFA	-40~180℃	Strong acid and alkali, Wang Shui, organic solvent
F46	-40~150℃	Strong acid base, alcohol, ketone, organic solvent
F40	-40~150℃	Strong acid base, alcohol,ketone,organic solvent

pressure:	1.0Mpa
Strength:	1.5Mpa
Seal:	1.1Mpa
Airtight:	0.6Mpa



D71Fs

Manual butterfly valve



D371Fs

Turbine butterfly valve

Corrosion resistance

Chemical resistance ratings:		Chemical resistance ratings:	
A	Excel lent	1	20℃
B	Good	2	40℃
C	Fair	3	60℃
X	Not recommended	4	80℃
-	Date not aval lable	5	100℃
		6	120℃

CHEMICAL		PP	PVDF	PTFE	Stainless steel	FKM	NBR	99 Ceramic	High density carbon
Sul furica Acid	0~10%	A4	A6	A6	B1	A6	B2	A5	A6
	10~75%	A3	A3	A6	X	A4	X	A5	A6
	75~100%	B2	B1	A4	C1	A4	-	A5	A4
Nitric Acid	10%	A3	A3	A5	A5	A5	X	A5	A6
	30%	A2	A3	A6	A5	A6	X	A5	A6
	50%	B2	A3	A3	A5	A1	X	A5	A5
Hydrochloric Acid	0~25%	A4	A6	A6	X	A3	B1	A5	A6
	15~40%	A4	A6	A6	X	B2	X	A5	A6
Hydrofluoric Acid	10%	B2	A6	A6	X	A3	X	-	A3
	30%	C2	A6	A6	X	A4	-	-	A3
	60%	X	A5	A6	X	A4	-	-	A2
Acetic Acid	20%	A2	A3	A6	B5	B1	B2	A5	A4
	80%	B1	A3	A6	B1	X	-	A5	A4
Souium Hydroxide	20%	A3	A3	A6	B1	B1	B2	-	A3
	50%	A3	A3	A6	B1	X	B1	-	A3
Bromine Water		C1	A4	A3	C1	A2	-	A1	A2
Ethyl Alcohol		A2	A6	A3	B5	A3	X	A3	A5
Acetone		A2	X	A6	A5	X	-	A3	A5
Freon12		X	A4	A6	B5	A1	X	A4	A4
Aluminum Chloride		A4	A6	A6	X	A5	B4	A4	A5
Ammonia Liquid		A1	A4	A6	A5	C1	B1	A3	A5
Aqua reria		C2	A1	A5	X	B2	-	A4	-
Fomaldehyde		A4	A4	A6	A4	A4	X	A4	A5
Gasoline		X	A6	A6	A5	B3	B3	A4	A6
Kerosene		A1	A6	A6	A5	A1	B1	A4	A6
Methyl alcohol		A3	A6	A6	A5	B2	B4	A5	A6
Toluene		C1	A3	A4	A5	B1	-	A5	A4
Trichloroethylene		C1	A6	A6	B5	A1	-	A4	A6
Xylene		X	A3	A6	A5	B1	-	A5	A5
Nitric acid anhydrous		C1	A3	A3	-	A1	-	A5	A2
Oleum		X	X	A6	X	A4	-	A5	A2
Potassium hydroxide		A4	A3	A6	A1	B1	C2	-	A6