F45系列 双向流硬碰硬旋球阀 法兰式

F45 series bidirectional flow hard contact hard rotary ball valve flange type

概述及应用

F45系列旋转控制阀，是在偏心阀的基础上，综合了球阀、半球阀、多偏心蝶阀和单座阀的优点，能达到VI级泄漏等级，尤其适用于大流量、高粘度和含有颗粒状结垢结晶等介质的场合。

Overview and Application

Based on the eccentric valves, the F45 series rotary control valve combines the strengths of ball valves, semi-ball valves, multi-eccentric butterfly valves and single seated valves. Being able to reach the VI leakage level, it is especially applicable to scenarios of large flows, high viscosity and those with granular scaling, crystal, and other mediums.

产品特点

> 耐泥沙磨损
> 阀门启闭灵活，不受介质压力高低的影响
> 阀座与阀板无启闭摩擦，具有越关越紧的密封性
> 阀板密封圈具有密封补偿功能

Product Features

- Resistant to mud and sand abrasion
- The valve opens and closes flexibly, unaffected by the pressure of the medium
- The valve seat and valve plate have no opening and closing friction, and have a tighter sealing performance as they close
- The valve plate sealing ring has a sealing compensation function

技术参数 Technical Parameters

公称通径 Nominal diameter	DN50~DN1200
压力等级 Pressure grade	PN10~PN25
工作温度 Operating temperature	-40℃~500℃
连接方式 Connection	法兰 Flange
密封形式 Sealing	RPTFE UHMWPE PEEK、全金属阀座
主要材质 Main materials	碳钢、不锈钢、特种合金 Carbon steel, stainless steel, and special alloy

产品认证 Product Certification

TUV IEC61508-SIL3安全
完整性功能认证
TUV ISO15848低泄漏认证
TUV API607防火认证

TUV IEC61508-SIL3 Certification of safety and integrated functions
TUV ISO15848 Low-leakage certification
TUV API607 Fireproofing certification

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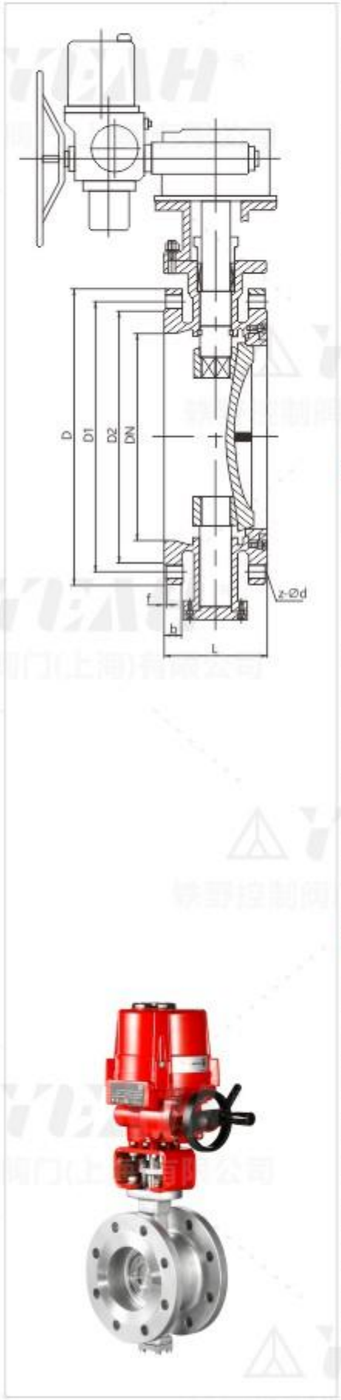

GB DN50-DN1200-PN10 Unit:mm

DN	L 短	L 长	D	D1	D2	b	f	Z-Φd
50	108	150	160	125	100	16	3	4-18
65	112	170	180	145	120	18	3	4-18
80	114	180	195	160	135	18	3	4-18
100	127	190	215	180	155	20	3	8-18
125	140	200	245	210	185	22	3	8-18
150	140	210	280	240	210	22	3	8-23
200	152	230	335	295	265	22	3	8-23
250	165	250	390	350	320	24	3	12-23
300	178	270	440	400	368	26	4	12-23
350	190	290	500	460	428	26	4	16-23
400	216	310	565	515	482	26	4	16-25
450	222	330	615	565	582	26	4	20-25
500	229	350	670	620	585	28	4	20-25
600	267	390	780	725	685	28	5	20-30
700	292	430	895	840	800	30	5	24-30
800	318	470	1010	950	905	32	5	24-34
900	330	510	1110	1050	1005	34	5	28-34
1000	410	550	1220	1160	1115	34	5	28-34
1200	470	630	1450	1380	1325	38	5	32-41

GB DN50-DN1200-PN16 Unit:mm

DN	L 短	L 长	D	D1	D2	b	f	Z-Φd
50	108	150	160	125	100	16	3	4-18
65	112	170	180	145	120	18	3	4-18
80	114	180	195	160	135	20	3	8-18
100	127	190	215	180	155	20	3	8-18
125	140	200	245	210	185	22	3	8-18
150	140	210	280	240	210	24	3	8-18
200	152	230	335	295	265	26	3	8-23
250	165	250	405	335	320	30	3	12-23
300	178	270	460	410	375	30	4	12-25
350	190	290	520	470	435	34	4	12-25
400	216	310	580	525	485	36	4	16-30
450	222	330	640	585	545	40	4	20-30
500	229	350	705	650	608	44	4	20-34
600	267	390	840	770	718	48	5	20-41
700	292	430	910	840	788	50	5	24-41
800	318	470	1020	950	898	52	5	24-41
900	330	510	1120	1050	998	54	5	28-41
1000	410	550	1255	1170	1110	56	5	28-48
1200	470	630	1485	1390	1288	58	5	32-54

GB DN50-DN1200-PN25 Unit:mm

DN	L 短	L 长	D	D1	D2	b	f	Z-Φd
50	108	150	160	125	100	20	3	4-18
65	112	170	180	145	120	22	3	8-18
80	114	180	195	160	135	22	3	8-18
100	127	190	230	190	160	24	3	8-23
125	140	200	270	220	188	28	3	8-25
150	140	210	300	250	218	30	3	8-25
200	152	230	360	310	278	34	3	12-25
250	165	250	425	370	332	36	3	12-30
300	178	270	485	430	390	40	4	16-30
350	190	290	550	490	448	44	4	16-34
400	216	310	610	550	505	48	4	16-34
450	222	330	660	600	555	50	4	20-34
500	229	350	730	660	610	52	4	20-41
600	267	390	840	770	718	56	5	20-41
700	292	430	955	875	518	60	5	24-48
800	318	470	1070	990	930	64	5	24-48
900	330	510	1180	1090	1025	66	5	28-54
1000	410	550	1305	1210	1140	68	5	28-58
1200	470	630	1525	1420	1350	72	5	32-58