

F50系列 三段式高温高压球阀 法兰式、全通径

F50 series three stage high-temperature and high-pressure ball valve flange type, full bore

铁野控制阀门(上海)有限公司
YEAH CONTROL VALVE (SHANGHAI) CO., LTD.



概述及应用

F50系列硬密封球阀阀座表面硬化处理, 球体喷涂/喷焊硬质合金, 密封阀座使用弹簧加载, 刮刀结构, 在较大的温度和压力变化范围内具有优良的密封性能, 确保在高温、高压工况下依然运行稳定。该系列阀门主要适用于工况比较恶劣的情况下, 它可满足高温、高压、耐磨、强腐蚀以及含有颗粒性介质等恶劣工况。

产品特点

- > 执行机构连接采用ISO5211国际标准
- > 全通径结构及锁定装置设计
- > 流通能力强、流阻小、双向密封
- > 阀杆防飞出结构、防火、防静电设计
- > 阀腔带自泄压
- > 阀座带有自洁功能
- > 可选多种执行机构

技术参数 Technical Parameters

公称通径 Nominal diameter	DN150~DN1400(2"~32")
压力等级 Pressure grade	PN16~PN64 Class150~Class600
工作温度 Operating temperature	-40℃~425℃
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

Overview and Application

Surface hardening is performed for the F50 Series metal-seated ball seat; hard alloy painting/spray welding is performed for the ball; a spring is used for the sealed seat for loading, and a scraper structure is used as well; it has excellent sealing properties in considerable ranges of temperature and pressure variations to ensure stable operations in high temperature, high pressure, and other working conditions. The series is mainly applied to severe working conditions, and it can meet adverse working conditions, such as high temperature, high pressure, wear, strong corrosion, and those with granular mediums.

Product Features

- The international standard ISO5211 is adopted for the actuator;
- Full-bore structure and lock device design;
- Excellent flow capacity, small flow resistance, and two-way sealing;
- Stem anti-popping structure, fireproof and anti-static design;
- Cavity with self-pressure relief;
- Seat with self-cleaning function;
- Multiple actuators are optional.

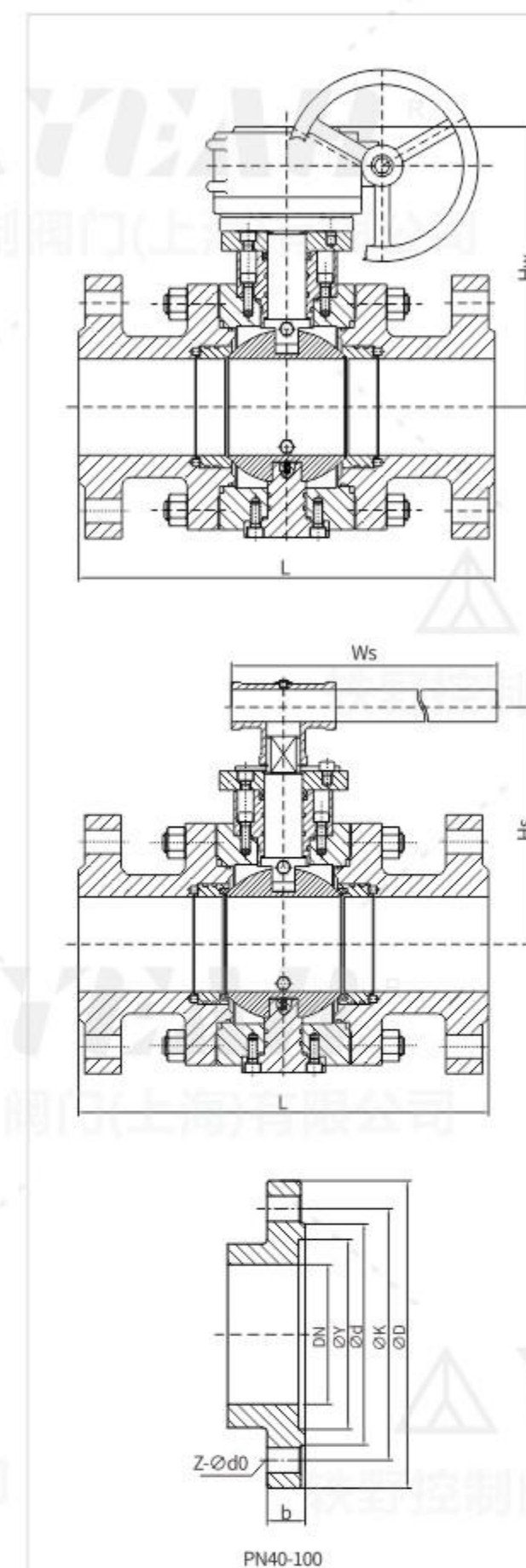
产品认证 Product Certification

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



可添加微信
了解更多产品与数据



GB DN150-DN1400-PN16

DN	L	D	K	d	Y	b	Z-d0	Ws	Hw
150	394	280	240	210	-	24	8-23	1000	470
200	457	340	290	260	-	24	12-23	-	520
250	533	405	355	320	-	26	12-25	-	570
300	610	460	410	375	-	28	16-25	-	650
350	686	520	470	435	-	32	16-25	-	740
400	762	580	525	485	-	36	16-30	-	795
450	864	640	585	545	-	38	20-30	-	860
500	914	705	650	608	-	42	20-34	-	945
600	1067	840	770	718	-	46	20-41	-	1040
700	1245	910	840	788	-	48	24-41	-	1150
800	1372	1020	950	898	-	50	24-41	-	1280
900	1524	1120	1050	998	-	52	28-41	-	1430
1000	1753	1255	1170	1110	-	54	28-48	-	1580
1200	2032	1485	1390	1325	-	56	36-54	-	1810
1400	2300	1685	1590	1525	-	60	36-54	-	2010

GB DN150-DN1400-PN25

DN	L	D	K	d	Y	b	Z-d0	Ws	Hw
150	403	300	250	218	-	30	8-25	1000	470
200	468	360	310	278	-	34	12-25	-	540
250	568	460	370	338	-	36	12-30	-	630
300	648	485	430	390	-	40	16-30	-	650
350	762	550	490	448	-	44	16-34	-	740
400	838	610	550	505	-	48	16-34	-	795
450	914	660	600	555	-	50	20-34	-	860
500	991	730	660	610	-	52	20-34	-	945
600	1143	840	770	718	-	56	20-41	-	1040
700	1346	955	875	815	-	60	24-48	-	1150
800	1524	1070	990	930	-	64	24-48	-	1305
900	1727	1180	1090	1025	-	66	28-54	-	1505
1000	1880	1305	1210	1140	-	68	28-58	-	1615
1200	2184	1525	1420	1350	-	72	36-58	-	1925
1400	2300	1750	1640	1560	-	78	36-65	-	2110

GB DN150-DN1400-PN40

DN	L	D	K	d	Y	b	Z-d0	Ws	Hw
150	403	300	250	218	204	30	8-25	1200	485
200	468	360	310	278	260	34	12-30	-	580
250	568	460	370	338	313	36	12-34	-	665
300	648	510	450	408	364	40	16-34	-	760
350	762	570	510	465	422	44	16-34	-	820
400	838	655	585	535	474	48	16-41	-	860
450	914	680	610	560	524	50	20-41	-	930
500	991	755	670	612	576	52	20-48	-	980
600	1143	890	795	730	678	56	20-54	-	1040
700	1346	995	900	835	768	60	24-54	-	1150
800	1524	1135	1030	960	876	64	24-58	-	1305
900	1727	1270	1168	1022	-	105	32-54	-	1505
1000	1880	1238	1156	1086	-	114	32-54	-	1615
1200	2184	1467	1372	1305	-	133	36-51	-	1925
1400	2300	1708	1600	1518	-	154	28-60	-	2110

GB DN15-DN1200-PN64

DN	L	D	K	d	Y	b	Z-d0	Ws	Hw
150	495	340	280	240	204	38	8-34	1200	485
200	597	405	345	300	260	44	12-34	-	580
250	673	470	400	352	313	48	12-34	-	665
300	762	540	475	422	364	46	16-41	-	760
350	826	595	525	475	422	50	16-41	-	820
400	902	670	585	525	474	58	16-48	-	870
450	1054	800	705	640	576	70	20-54	-	995
500	1232	930	820	750	678	76	20-58	-	1100
600	1397	1035	940	800	-	95	28-51	-	1180
700	1651	1149	1054	914	-	108	28-54	-	1345
800	1880	1270	1168	1022	-	114	32-54	-	1550
900	1981	1270	1175	1092	-	133	32-51	-	1675
1000	2311	1511	1403	1308	-	152	28-60	-	1945

ASME 2"-32"-150LB

SIZE	L	D	K	d	Y	b	Z-d0	Ws	Hw
2"	178	152	120.7	92	-	14.3	4-19	260	-
2 1/2"	190	178	139.7	105	-	15.9	4-19	350	-
3"	203	190	152.4	127	-	17.5	4-19	500	-
4"	229	216	168.3	146	-	22.9	8-19	650	390
5"	254	241	190.5	168	-	25.4	8-22.5	800	410
6"	304	279	241.3	186	-	25.9	8-22.5	1000	470
8"	457	343	298.5	270	-	27.0	8-22.5	1200	520
10"	533	406	362	324	-	28.6	12-25.5	-	610
12"	610	483	431.8	381	-	30.2	12-25.5	-	650
14"	686	533	476.3	413	-	33.4	12-28.5	-	740
16"	762	597	539.8	470	-	35.0	16-28.5	-	795
18"	864	635	577.9	533	-	38.1	16-32	-	860
20"	914	699	635.0	584	-	41.3	20-32	-	945
24"	1067	813	749.3	692	-	46.1	20-35	-	1040
28"	1245	927	864	800	-	71	28-35	-	1150
32"	1372	1060	978	914	-	81	28-41	-	1280

ASME 2"-20"-300LB

SIZE	L	D	K	d	Y	b	Z-d0	Ws	Hw
2"	216	165	127	92	-	20.7	8-19	260	-
2 1/2"	241	190	149.2	105	-	23.9	8-22.5	350	-
3"	282	210	168.3	127	-	27.0	8-22.5	500	-
4"	305	254	200	157	-	30.2	8-22.5	800	410
5"	381	279	235	186	-	32.4	8-22.5	1000	470
6"	403	318	269.9	216	-	35.0	12-22.5	1200	485
8"	502	381	330.2	270	-	39.7	12-25.5	-	580
10"	568	445	387.4	324	-	46.1	16-28.5	-	665
12"	648	521	450.8	381	-	49.3	16-32	-	760
14"	762	584	514.4	413	-	52.4	20-32	-	820
16"	838	648	571.5	470	-	55.6	20-35	-	860
18"	914	711	628.5	533	-	58.8	24-35	-	930
20"	991	775	685.8	584	-	62.0	24-35	-	980

ASME 2"-12"-600LB

SIZE	L	D	K	d	Y	b	Z-d0	Ws	Hw
2"	292	165	127	92	-	25.4	8-19	350	-
2 1/2"	330	190	149.2	105	-	28.6	8-22.5	500	-
3"	356	210	168.3	127	-	31.8	8-22.5	650	-
4"	432	273	215.9	175	-	38.1	8-25.5	1000	395
5"	508	330	266.7	210	-	44.5	8-28.5	1200	490
6"	559	356	292.1	241	-	47.7	12-28.5	-	595
8"	660	419	349.8	302	-	55.6	12-32	-	680
10"	787	508	431.8	356	-	63.2	16-32	-	790
12"	838	559	489.0	413	-	66.7	20-35	-	-