

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

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



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
- > 阀瓣带自泄压
- > 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

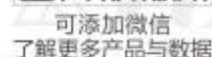
Product Features

- 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低电压认证
TUV API607防火认证

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



GB DN150-DN1400-PN16										Unit:mm
DN	PN	DN	PN	DN	PN	DN	PN	DN	PN	Unit:mm
150	394	280	240	280	240	280	240	280	240	470
200	457	315	270	315	270	315	270	315	270	520
250	523	350	300	350	300	350	300	350	300	570
300	588	380	330	380	330	380	330	380	330	620
350	656	420	360	420	360	420	360	420	360	670
400	722	450	390	450	390	450	390	450	390	720
450	788	490	420	490	420	490	420	490	420	770
500	854	530	450	530	450	530	450	530	450	820
600	1067	630	540	630	540	630	540	630	540	970
700	1245	730	630	730	630	730	630	730	630	1100
800	1372	830	720	830	720	830	720	830	720	1230
900	1494	930	810	930	810	930	810	930	810	1360
1000	1616	1030	900	1030	900	1030	900	1030	900	1490
1200	1939	1230	1080	1230	1080	1230	1080	1230	1080	1740
1400	2300	1430	1260	1430	1260	1430	1260	1430	1260	2000

1400	2300	1685	1590	1525	-	60	36-54	-	2010
GB D150-D161400-PN25									Unit:mm
DN	D	D	K	G	Y	W	Z	Wk	FW
150	403	300	250	218	-	30	7	1000	470
200	502	350	310	278	-	34	12	-	540
250	568	425	370	330	-	38	15	-	630
300	643	483	430	390	-	40	16	-	650
350	702	550	490	448	-	43	18	-	740
400	838	610	550	505	-	48	20	-	795
450	914	660	600	555	-	50	20	-	860
500	991	730	660	610	-	52	21	-	945
600	1143	840	770	718	-	56	23	-	1040
700	1346	955	875	815	-	60	24	-	1150
800	1524	1070	990	930	-	64	24	-	1305
900	1727	1180	1090	1025	-	68	26	-	1505
1000	1880	1305	1210	1140	-	68	28	-	1612
1200	2164	1525	1420	1285	-	72	30	-	1810
1400	2414	1725	1600	1450	-	76	32	-	2010

1400	2300	750	1640	1560	-	78	36-65	-	2110
GB DN150-DN1400-PN40									Unit:mm
DN	D	d	g	g	Y	Y	Z	Wk	Hw
150	403	300	250	218	204	30	8-25	1200	485
200	502	375	320	283	260	38	12-30	-	580
250	568	445	385	343	313	42	16-34	-	660
300	648	510	408	392	362	46	20-38	-	760
350	752	610	510	468	422	50	24-42	-	830
400	838	655	585	535	474	54	28-41	-	860
450	914	680	610	560	524	60	30-41	-	930
500	991	755	670	612	576	62	30-48	-	980
600	1143	890	795	730	678	62	30-54	-	1040
700	1346	995	900	835	768	68	34-54	-	1150
800	1524	1135	1030	960	876	76	34-58	-	1305
900	1727	1270	1168	1022	-	105	32-54	-	1505
1000	1880	1238	1156	1086	-	114	32-54	-	1612
1200	2164	1467	1302	1202	-	130	36-50	-	1812
1400	2488	1675	1498	1398	-	144	36-50	-	2150

1400	2300	708	1600	1518	154	28.60	2110
GB DN15 - DN1200-PN64							Unit:mm
15	495	340	280	240	204	172	485
20	597	405	340	300	250	210	545
25	673	450	380	340	280	234	605
30	723	480	410	360	300	246	645
35	763	505	430	380	320	258	685
40	803	530	460	410	340	270	725
45	843	555	480	430	360	282	765
50	883	580	505	450	380	294	805
55	923	605	525	470	400	306	845
60	963	630	545	490	420	318	885
65	1003	655	565	510	440	330	925
70	1043	680	585	525	460	342	965
75	1083	705	605	545	480	354	1005
80	1123	730	625	565	500	366	1045
85	1163	755	645	585	520	378	1085
90	1203	780	665	605	540	390	1125
95	1243	805	685	625	560	402	1165
100	1283	830	705	645	580	414	1205
105	1323	855	725	665	600	426	1245
110	1363	880	745	685	620	438	1285
115	1403	905	765	705	640	450	1325
120	1443	930	785	725	660	462	1365
125	1483	955	805	745	680	474	1405
130	1523	980	825	765	700	486	1445
135	1563	1005	845	785	720	498	1485
140	1603	1030	865	805	740	510	1525
145	1643	1055	885	825	760	522	1565
150	1683	1080	905	845	780	534	1605
155	1723	1105	925	865	800	546	1645
160	1763	1130	945	885	820	558	1685
165	1803	1155	965	905	840	570	1725
170	1843	1180	985	925	860	582	1765
175	1883	1205	1005	945	880	594	1805
180	1923	1230	1025	965	900	606	1845
185	1963	1255	1045	985	920	618	1885
190	2003	1280	1065	1005	940	630	1925
195	2043	1305	1085	1025	960	642	1965
200	2083	1330	1105	1045	980	654	2005
205	2123	1355	1125	1065	1000	666	2045
210	2163	1380	1145	1085	1020	678	2085
215	2203	1405	1165	1105	1040	690	2125
220	2243	1430	1185	1125	1060	702	2165
225	2283	1455	1205	1145	1080	714	2205
230	2323	1480	1225	1165	1100	726	2245
235	2363	1505	1245	1185	1120	738	2285
240	2403	1530	1265	1205	1140	750	2325
245	2443	1555	1285	1225	1160	762	2365
250	2483	1580	1305	1245	1180	774	2405
255	2523	1605	1325	1265	1200	786	2445
260	2563	1630	1345	1285	1220	798	2485
265	2603	1655	1365	1305	1240	810	2525
270	2643	1680	1385	1325	1260	822	2565
275	2683	1705	1405	1345	1280	834	2605

ASME 2"-32"-150LB	P	K	G	Y	W	Unitmm
1/2"	178	120.7	92	14.3	26.0	Hw
3/4"	190	130.7	105	15.3	260	-
1"	203	142.4	127	17.5	250	-
1 1/4"	229	160.5	157	22.3	500	-
1 1/2"	254	215.9	186	22.3	550	390
2"	279	241.3	216	23.9	800	410
2 1/2"	343	298.5	270	27.0	1000	470
3"	406	362	324	28.6	-	520
3 1/2"	483	431.8	381	30.2	-	610
4"	533	476	413	33.4	-	630
4 1/2"	610	537.7	470	36.1	-	740
5"	686	604	537	38.1	-	785
5 1/2"	762	681	604	41.3	-	860
6"	814	749.3	692	46.1	-	845
6 1/2"	864	864	800	71	-	1040
7"	1067	813	692	46.1	-	1150
8"	1245	927	800	71	-	-

ASME 2"-20"-300LB	D	K	Y	W	Wt	Unit/mm
2"	216	165	92	20.7	8-19	260
2 1/2"	241	190	105	23.9	8-22.5	350
3"	282	210	127	27.0	8-22.5	500
4"	305	254	157	30.2	8-22.5	800
5"	381	279	186	33.4	8-22.5	1000
6"	403	318	216	35.0	12-22.5	1200
8"	468	445	274	42.7	16-28.5	-
10"	541	521	381	49.3	16-32	-
12"	648	584	413	52.4	20-32	-
14"	762	648	470	55.6	20-35	-
16"	838	711	533	58.8	24-35	-
18"	914	787	598	62.0	24-35	-

20°	991	775	685.8	584	-	62.0	24-35	-	980
ASME 2"-12"-600LB									Unit:mm
1/2"	1	b	k	d	Y	b	Z	W _s	Hw
2"	292	165	127	108	-	25.4	8-19	350	-
2 1/2"	330	190	149	127	-	28.6	10-22	500	-
3"	368	210	168	146	-	31.8	12-25	650	-
4"	432	273	215	175	-	38.1	15-28	1000	395
5"	508	330	266	210	-	44.5	18-35	1200	430
6"	559	356	292	241	-	47.7	12-28	-	495
8"	660	413	349	302	-	55.6	12-28	-	595
10"	817	508	432	368	-	69.3	12-28	-	730
12"	984	603	518	446	-	82.5	12-28	-	860