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018 手动刀型闸阀 Manual knife gate valve
019 电动暗杆楔式地下铸铁闸阀 Electric non-rising wedge stem cast iron gate valve
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063 蝶阀 Butterfly valve
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102 磅级锻钢固定球阀 ANSI Forged trunnion-mounted ball valve
104 内螺纹球阀/意式超薄球阀 Inside screw ball valve / Italian ultrathin ball valve
105 抛光广式球阀 Polishing Guangdong style ball valve

水力控制阀 Hydraulic control valve

104 100X遥控浮球阀 100X Remote control floating ball valve
105 200X型减压阀/300X型缓闭止回阀 200X Pressure reducing valve/300X Slow-shut check valve
106 400XA型流量控制阀/500X型泄压阀 400X A flow control valve/500X relief valve
107 JD745X多功能水泵控制阀 Multi-functional water pump control valve
108 F745X遥控浮球阀 Remote control floating ball valve
109 YX741X 可调式减压稳压阀 Adjustable pressure reducing and maintaining valve
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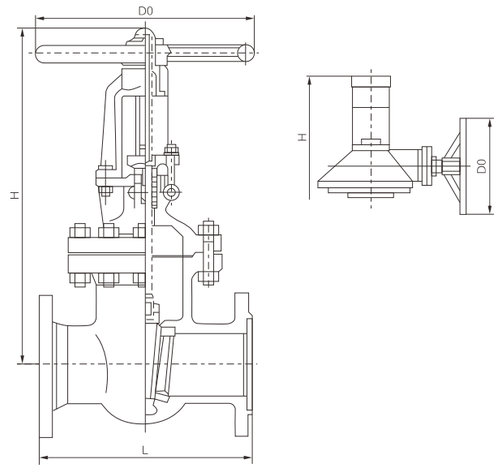


应用规范

1、设计、制造按GB12234-2007
2、结构长度按GB12221-2005
3、连接法兰按JB/T79-2000
4、阀门检查和试验按JB/T9092-1999

Application Specification

1.Design & manufacture according to GB12234-2007
2.Face to face according to GB12221-2005
3.End flange dimension according to JB/T79-2000
4.Valve inspection and test according to JB/T9092-1999

主要零件材料及用途 Main Parts Material and Application

阀体 Body	阀盖 Bonnet	闸板 Disc	阀座 Seat	阀杆 Stem	填料 Packing	适用温度 Applicable temperature	适用介质 Applicable medium
WCB	WCB	WCB+Stellitel12	25+D507Mo	2Cr13	柔性石墨 Flexible graphite	425℃	水 / 蒸汽 / 油品 Water / Steam / Oil
WC6	WC6	WC6+Stellitel12	WC6+Stellitel6	25Cr2Mo1VA		540℃	
WC9	WC9	WC9+Stellitel12	WC9+Stellitel6	25Cr2Mo1VA		570℃	
ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	PTFE编织 PTFE braiding	200℃	硝酸等腐蚀性介质 Corrosive medium like nitric acid
ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti		200℃	醋酸等腐蚀性介质 Acetic acid like nitric acid
ZG00Cr18Ni10	ZG00Cr18Ni10	ZG00Cr18Ni10	00Cr18Ni10	00Cr18Ni10		200℃	强氧化性介质 Medium with strong oxidizability
ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	00Cr17Ni14Mo2	00Cr17Ni14Mo2		200℃	尿素等腐蚀性介质 Urea like nitric acid

主要尺寸和重量 Main Dimensions and Weight

Z40H-16C、Z540H-16C

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	mm	130	150	160	180	200	250	265	280	300	325	350	400	450	500	550	600	650	700	800
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	1780	2050	2181	2599
D0	mm	140	160	160	180	200	240	260	280	300	320	350	400	450	500	500	600	600	700	800
重量Weight	kg	4	5	6	7	18	29	33	46	63	108	134	192	228	300	388	566	900	958	1410

Z40H-25、Z540H-25

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	mm	130	150	160	180	200	250	265	280	300	325	350	400	450	500	550	600	650	700	800
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	1780	2050	2181	2599
D0	mm	140	160	160	180	200	240	260	280	300	320	350	400	450	500	500	600	600	700	800
重量Weight	kg	4	5	6	7	18	29	33.5	46.5	65	112	142	213	290	324	432	606	950	958	1510

Z40H-40、Z540H-40

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	mm	130	150	160	180	200	250	280	310	350	400	450	550	650	750	850	950	–	–	–
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	1780	2050	2181	2599
D0	mm	140	160	160	180	200	240	280	300	350	400	450	600	600	700	800	900	900	900	900
重量Weight	kg	4	5	6	7	18	29	33	46	64	105	142	213	374	550	890	1235	–	–	–

Z40H-64、Z540H-64

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	170	190	210	230	240	250	280	310	350	400	450	550	650	750	850	950
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	1780
D0	mm	160	180	200	220	240	260	280	300	350	400	450	600	600	700	800	900
重量Weight	kg	8	9	12	25	32	40	45	61	89	140	206	327	467	590	900	1190

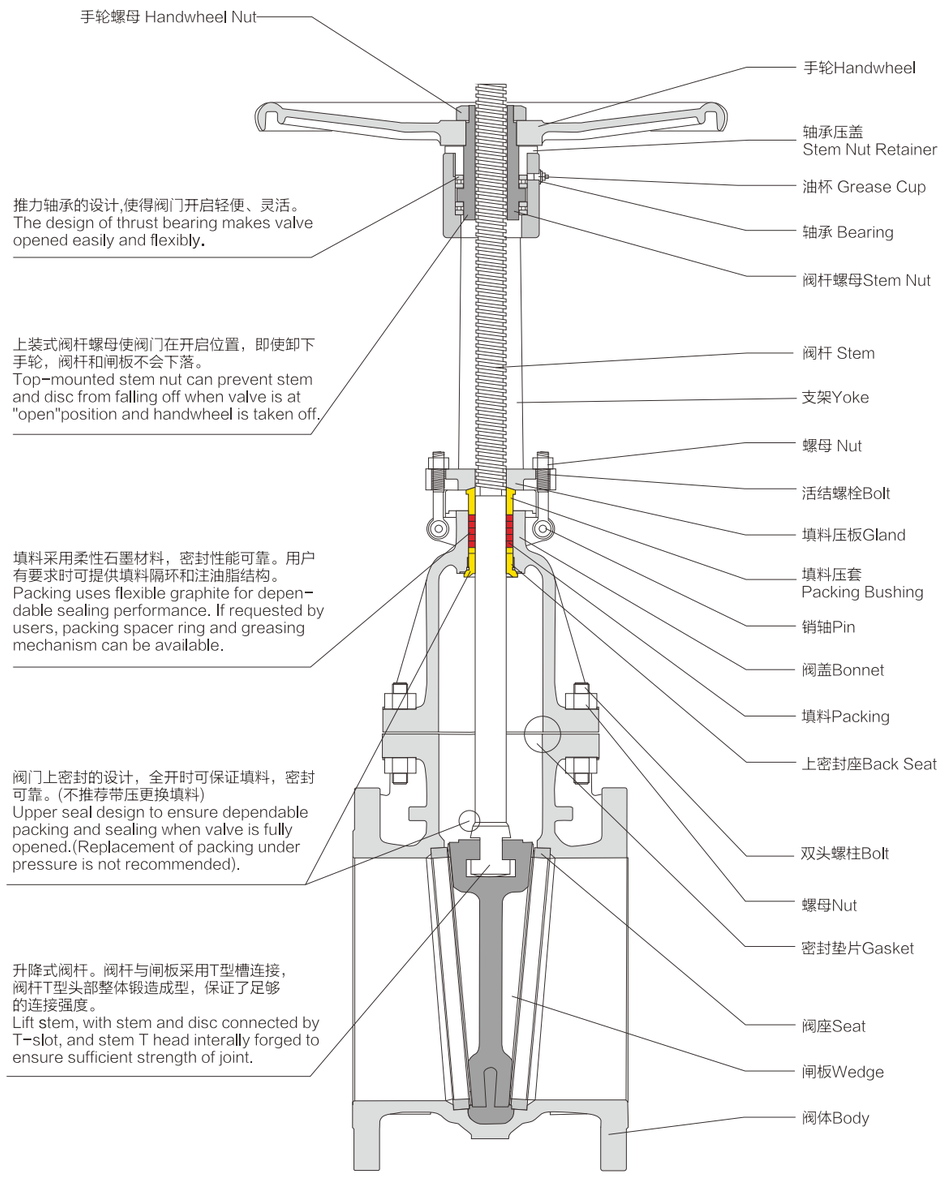
Z40H-100、Z540H-100

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	170	190	210	230	240	250	280	310	350	400	450	550	650	–	–	–
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	1780
D0	mm	160	180	200	220	240	260	280	300	350	400	450	600	600	700	800	900
重量Weight	kg	8	12	16	20	32	51	70	89	130	223	295	560	640	–	–	–

Z40H-160、Z540H-160

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	170	190	210	230	260	300	340	390	450	525	600	750	–	–	–	–
H	mm	175	180	210	210	350	358	373	435	500	614	674	818	1225	1415	1630	1780
D0	mm	160	180	200	220	240	300	350	400	450	500	600	700	–	–	–	–
重量Weight	kg	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

美标铸钢闸阀的结构图



美标铸钢闸阀的材料明细(ASTM标准材质) The material list of API cast steel gate valve (ASTM standard materials)

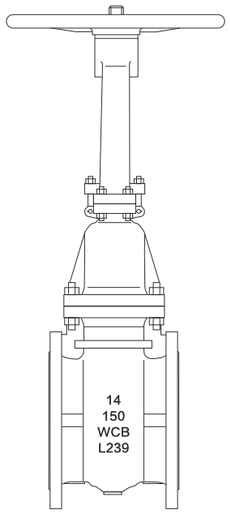
序号 No.	零件名称 Part Name	碳钢系列 Carbon Steel	不锈钢系列 Stainless Steel	合金钢系列 Alloy Steel	低温钢系列 Low Temperature Steel
1	阀体 Body	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A217 GR WC6	ASTM A352 GR LCB
2	闸板 Disc	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A217 GR WC6	ASTM A352 GR LCB
3	阀座 Seat	ASTM A105	-	ASTM A182 GR F304	ASTM 350 LF2
4	密封垫片 Gasket	柔性石墨Graphite + ss304			
5	六角螺母 Nut	ASTM A194 GR 2H	ASTM A194 GR 8	ASTM A194 GR 4	ASTM A194 GR 4
6	双头螺柱 Stud	ASTM A193 GR B7	ASTM A193 GR B8	ASTM A193 GR B16	ASTM A320 L7
7	上密封座 Back Seat	ASTM A276 410	ASTM A276 TYPE 304	ASTM A276 TYPE 304	ASTM A276 304
8	填料 Packing	柔性石墨Graphite			
9	阀盖 Bonnet	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A217 GR WC6	ASTM A352 GR LCB
10	销轴 Pin	ASTM A194 GR 2H	ASTM A276 TYPE 304	ASTM A276 TYPE 410	ASTM A276 TYPE 304
11	填料压套 Packing Bushing	ASTM A276 410	ASTM A276 TYPE 304	ASTM A276 410	ASTM A276 304
12	填料压板 Gland	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A216 GR WC6	ASTM A352 GR LCB
13	活结螺栓Bolt	ASTM A193 GR B7	ASTM A193 GR B8	ASTM A193 GR B16	ASTM A320 L7
14	螺母 Nut	ASTM A194 GR 2H	ASTM A194 GR 8	ASTM A193 GR 4	ASTM A194 GR 4
15	支架 Yoke	ASTM A216 GR WCB	ASTM A351 GR CF8	ASTM A217 GR WC6	ASTM A352 GR LCB
16	阀杆 Stem	ASTM A276 TYPE 420	ASTM A276 TYPE 304	ASTM A182 GR F11	ASTM A276 TYPE 304
17	阀杆螺母Stem Nut	ASTM B148 UNS C95200	ASTM B148 UNS C95200	ASTM B148 UNS C95200	ASTM B148 UNS C95200
18	轴承 Bearing	-			
19	油杯 Grease cup	铜合金Copper Alloy			
20	轴承压盖 Stem Nut Retainer	ASTM 1035	ASTM 1035	ASTM 1035	ASTM 1035
21	手轮 Handwheel	ASTM 325 10	ASTM 325 10	ASTM 325 10	ASTM 325 10
22	手轮螺母 Handwheel Nut	ASTM 1035	ASTM 1035	ASTM 1035	ASTM 1035

技术性能规范 Technical Specification

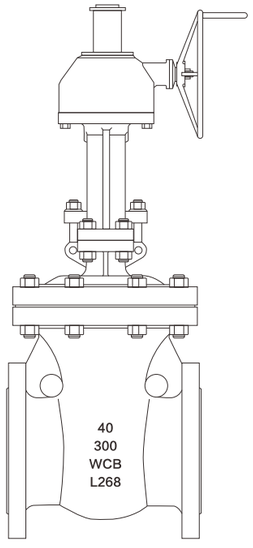
设计标准Design Standard		API600 API603						
压力温度等级Pressure-Temperature Rating		ASME B16.34						
结构长度Face to Face		ASME B16.10						
法兰形式尺寸Flange Ends		ASME B16.5、ASME B16.47						
对焊端连接Buttwelding Ends		ASME B16.25						
检验与试验Inspection & Test		API598						
公称压力Nominal Pressure(Class)		150	300	400	600	900	1500	2500
试验压力 Test Pressure (MPa)	壳体试验Shell Test	3.0	7.5	10.3	15.0	22.5	37.5	63.0
	高压密封High Pressure Seal Test	2.2	5.5	7.5	11.0	16.5	27.5	46.2
	上密封试验 Back Seal Test	2.2	5.5	7.5	11.0	16.5	27.5	46.2
	低压密封 Low Pressure Seal Test	0.6						
适用温度Applicable Temperature		-196℃~550℃(不同的工况温度选用不同材质) Different raw material for different work temperature						
适用介质Applicable Medium		水、油、气及各类腐蚀性介质(不同的介质选用不同材质) Water,Oil,Gas and Sother causticity medium(Different raw material for different medium)						

API铸钢闸阀供货范围 API Cast steel gate valve product line

规格Size (mm)		压力Pressure(Class)																
		栓接阀盖Bolted Bonnet									自密封阀盖Pressure Seal Bonnet							
		手动Handwheel					齿轮传动Gear operated				手动Hand operated				齿轮传动Gear operated			
DN	NPS	150	300	600	900	1500	300	600	900	1500	600	900	1500	2500	600	900	1500	2500
40	11/2	*	*	*	*	*												
50	2	*	*	*	*	*												
65	21/2	*	*	*	*	*												
80	3	*	*	*	*	*					*	*	*	*				
100	4	*	*	*	*	*					*	*	*	*				
125	5	*	*	*	*	*					*	*	*	*				
150	6	*	*	*	*	*					*	*	*	*				
200	8	*	*	*	*	*					*	*	*					*
250	10	*	*	*	*						*	*	*					*
300	12	*	*	*	*					*	*	*					*	*
350	14	*	*	*	*					*	*	*					*	*
400	16	*	*	*					*	*	*					*	*	*
450	18	*	*	*					*	*	*					*	*	*
500	20	*	*	*					*	*	*					*	*	*
600	24	*	*					*	*	*					*	*	*	*
650	26	*	*					*							*	*	*	*
700	28	*	*					*							*	*	*	*
750	30	*	*					*							*	*	*	*
800	32	*	*					*							*	*	*	*
900	36	*	*					*							*	*	*	*
1000	40	*					*	*										
1050	42	*					*	*										
1200	48	*					*	*										



手动Handwheel operated

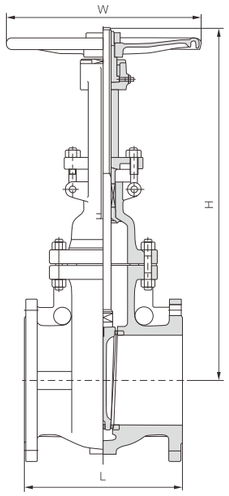


齿轮传动Gear operated

压力Pressure:Class150

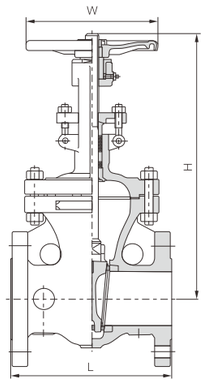
- 栓接阀盖
- 弹性闸板
- 8"以上采用分体式支架

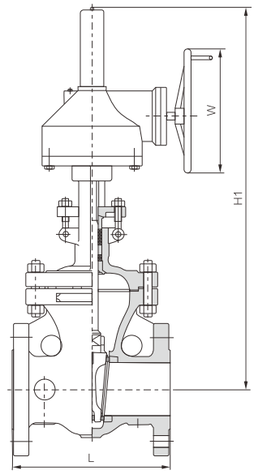
- Bolted bonnet
- Flexible wedge gate
- 8"and above: split type yoke



主要外形尺寸和重量Main Dimensions & Weight

规格Size		尺寸Dimension(mm)					重量Weight(kg)		扭矩 Torque (N.m)	Cv
mm	in	LRF	LBW	LRJ	H	W	RF	BW		
40	11/2	165	165	178	386	250	24	21	12	–
50	2	178	216	190	391	250	27	23	13	–
65	21/2	190	241	203	408	250	37	33	13	–
80	3	203	283	216	457	250	40	35	15	710
100	4	229	305	241	538	250	52	47	27	1300
150	6	267	403	279	693	350	90	84	36	3100
200	8	292	419	305	863	350	145	137	63	5720
250	10	330	457	343	1036	450	225	207	84	8940
300	12	356	502	368	1130	450	310	253	131	13350
350	14	381	572	394	1272	610	445	376	151	16275
400	16	406	610	419	1447	610	540	440	235	21560
450	18	432	660	445	1701	720	800	722	285	28720
500	20	457	711	470	1795	720	990	863	341	35760
600	24	508	813	521	2189	720	1600	1519	602	52165
650	26	559	864	–	2387	860	1850	1755	–	63500
700	28	610	914	–	2590	860	2100	1995	–	74800
750	30	610	914	622	2819	860	2700	2404	1079	86235
800	32	660	965	–	2870	860	3100	2840	–	103000
900	36	711	1016	724	2997	860	3950	3690	1497	129500
1000	40	813	1067	–	3302	1020	4650	–	–	175860
1050	42	813	1143	–	3479	1020	5100	–	–	223300
1200	48	1067	1371	–	3962	1020	6500	–	–	335500





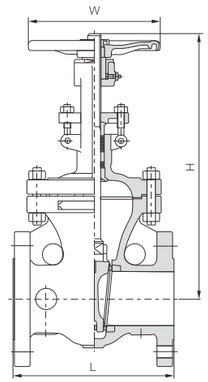
压力Pressure:Class300

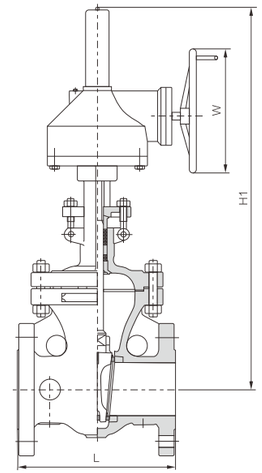
- 栓接阀盖
- 弹性闸板
- 8"以上采用分体式支架
  24"以上采用齿轮传动

- Bolted bonnet
- Flexible wedge gate
- 8"and above: split type yoke
  24"and above: Gear operated

主要外形尺寸和重量Main Dimensions & Weight

规格Size		尺寸Dimension(mm)						重量Weight(kg)		扭矩 Torque (N.m)	Cv
mm	in	LRF	LBW	LRJ	H	H1	W	RF	BW		
40	11/2	190	190	203	425	–	250	30	28	15	–
50	2	216	216	232	467	–	250	32	29	16	–
65	21/2	241	241	257	495	–	250	49	43	18	–
80	3	283	283	299	520	–	250	52	49	21	710
100	4	305	305	321	609	–	350	85	77	42	1300
150	6	403	403	419	825	–	450	150	145	86	3110
200	8	419	419	435	1009	–	450	240	227	128	5720
250	10	457	457	473	1193	–	610	380	337	215	8940
300	12	502	502	518	1282	–	610	486	430	289	13350
350	14	762	762	778	1422	–	610	729	654	423	16275
400	16	838	838	854	1549	–	720	931	876	537	21560
450	18	914	914	930	1803	–	720	1504	1300	649	27890
500	20	991	991	1010	1955	–	720	1938	1625	1009	34840
600	24	1143	1143	1165	2425	–	860	3411	2800	1451	51050
650	26	1245	1245	1270	2540	–	860	3570	3100	–	62011
700	28	1346	1346	1372	2641	–	860	4027	3600	–	73046
750	30	1397	1397	1422	2743	–	860	4310	3780	3140	84765
800	32	1524	1524	1553	2857	–	860	4850	4235	–	100580
900	36	1727	1727	1756	3048	–	860	6632	5900	4293	125825
1000	40	1955	1955	–	–	3713	720	8100	–	–	171740
1050	42	2032	2032	–	–	3916	720	9750	–	–	217000
1200	48	2286	2286	–	–	4501	720	13050	–	–	326000





压力Pressure:Class600

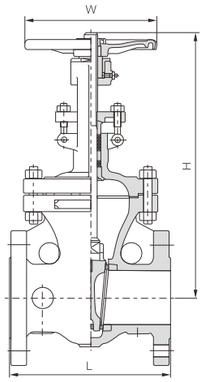
- 栓接阀盖
- 弹性闸板
- 8"以上采用分体式支架
  24"以上采用齿轮传动

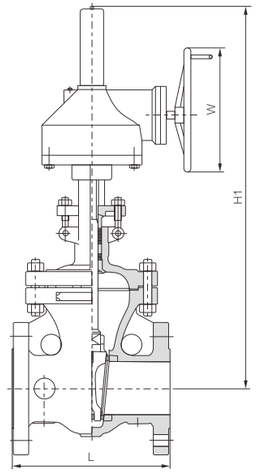
- Bolted bonnet
- Flexible wedge gate
- 8"and above: split type yoke
  24"and above: Gear operated

主要外形尺寸和重量Main Dimensions & Weight

规格Size		尺寸Dimension(mm)						重量Weight(kg)		扭矩 Torque (N.m)	Cv
mm	in	LRF	LBW	LRJ	H	H1	W	RF	BW		
40	11/2	241	241	241	375	–	250	41	28	20	–
50	2	292	292	295	387	–	250	50	39	23	–
65	21/2	330	330	333	483	–	250	54	53	–	–
80	3	356	356	359	537	–	350	85	67	50	710
100	4	432	432	435	647	–	350	126	101	68	1300
150	6	559	559	562	914	–	610	274	230	183	3110
200	8	660	660	664	1092	–	610	454	390	270	5500
250	10	787	787	791	1181	–	720	628	566	479	8485
300	12	838	838	841	1333	–	720	895	823	650	12850
350	14	889	889	892	1473	–	720	1350	1198	988	15370
400	16	991	991	994	1651	–	860	1700	1532	1243	20170
450	18	1092	1092	1095	1727	–	860	2140	1996	1512	26200
500	20	1194	1194	1200	2019	–	860	2683	2450	2185	32100
600	24	1397	1397	1407	–	2383	610	4550	3244	3053	46750
650	26	1448	1448	1461	–	2500	610	5260	–	–	56300
700	28	1549	1549	1562	–	2663	610	5960	–	–	65900
750	30	1651	1651	1664	–	2840	610	6700	6160	5452	75520
800	32	1778	1778	1794	–	3100	720	8312	–	–	85180
900	36	2083	2083	2099	–	3450	720	10125	9580	7675	114250
1000	40	2149	2149	–	–	3600	720	14300	–	–	156127
1050	42	2260	2260	–	–	3950	720	16460	–	–	197272
1200	48	2667	2667	–	–	4600	720	22900	–	–	296300

美标铸钢闸阀
API Cast steel gate valve





压力Pressure:Class900~1500

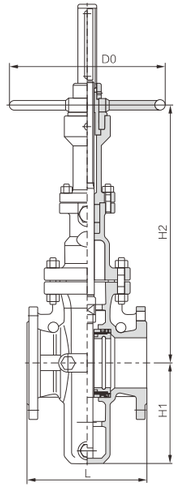
- 栓接阀盖
- 弹性闸板
- 8"以上采用分体式支架
- Class900,16" 以上采用齿轮传动
  Class1500,12" 以上采用齿轮传动

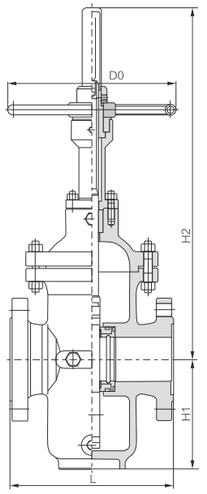
- Bolted bonnet
- Flexible wedge gate
- 8"and above: split type yoke
- Class900, 16" and above;
  Class1500, 12" and above;
  Gear operated

主要外形尺寸和重量Main Dimensions & Weight

Class	规格Size		尺寸Dimension(mm)						重量Weight(kg)		扭矩 Torque (N.m)	Cv
	mm	in	LRF	LBW	LRJ	H	H1	W	RF	BW		
900	40	11/2	305	305	305	495	–	250	62	45	24	–
	50	2	368	368	371	523	–	250	116	98	39	–
	65	21/2	419	419	422	577	–	350	161	130	56	–
	80	3	381	381	384	609	–	350	142	136	64	650
	100	4	457	457	460	673	–	350	214	180	118	1200
	150	6	610	610	613	863	–	610	408	405	243	2850
	200	8	737	737	740	1079	–	610	731	644	427	5025
	250	10	838	838	841	1231	–	720	1151	1010	783	7850
	300	12	965	965	968	1384	–	720	1724	1455	1163	11500
	350	14	1029	1029	1038	1574	–	850	2060	1807	1331	13900
	400	16	1130	1130	1140	–	2159	760	2400	–	–	18150
	450	18	1219	1219	1232	–	2362	760	3000	–	–	23910
	500	20	1321	1321	1334	–	2463	760	3800	–	–	29550
	600	24	1549	1549	1568	–	3048	900	4900	–	–	42570
1500	40	11/2	305	305	305	495	–	250	62	45	32	–
	50	2	368	368	371	582	–	250	116	98	54	–
	65	21/2	419	419	422	635	–	350	161	130	76	–
	80	3	470	470	473	781	–	350	209	193	108	600
	100	4	546	546	549	876	–	450	296	250	167	1070
	150	6	705	705	711	1104	–	610	720	652	426	2500
	200	8	832	832	841	1142	–	720	1275	1134	801	4370
	250	10	991	991	1000	1784	–	860	2092	1765	1268	6850
	300	12	1130	1130	1146	–	1955	760	2951	2386	2078	9980
	350	14	1257	1257	1276	–	2057	760	4382	3759	2392	12000
	400	16	1384	1384	1407	–	2311	760	5043	–	–	15675
	450	18	1537	1537	1559	–	2438	860	5705	–	–	20640
	500	20	1664	1664	1686	–	2590	860	6750	–	–	25880
	600	24	1943	1943	1972	–	2946	860	9500	–	–	37175

手动平板闸阀
Manual flat gate valve





公称压力 Nominal pressure		产品型号 Model
1.0–16.0MPa 150–900Lb	无导流孔 Without flow–guiding hole	Z43WF、Z43WY、Z43WD、Z43WbF、Z43WbY
	有导流孔 With flow–guiding hole	Z43NF、Z43YF、Z43F、Z43Y、Z43DF、Z43D

产品性能规范 Products performance specification

压力等级 Pressure grade		常温试验压力(MPa) Testing pressure at constant temperature(MPa)				适用温度(℃) Applicable temperature			适用介质 Applicable medium	
		壳体 Shell	左密封 Left sealing	右密封 Right sealing	气体低压密封 Low pressure air tightness	"G"型 "G"Type	"D"型 "D"type	普通型 Nominal type	"KZ"型 "KZ"type	"Z"型 "Z"type
公称压力(Mpa) Nominal rating pressure (PN)	1.0	1.5	1.1	1.1	0.6	–29~250	–45~121	–29~121	含H_2S和CO_2 >500mg/m²的介质 Containing H_2S and Co_2 >500mg/m² corrosive medium	石油、天然气、水等 Petroleum, natural gas, water etc.
	1.6	2.4	1.76	1.76	0.6					
	2.5	3.75	2.75	2.75	0.6					
	4.0	6.0	4.4	4.4	0.6					
	6.4	9.6	7.04	7.04	0.6					
	10.0	15.0	11.0	11.0	0.6					
	16.0	24.0	17.6	17.6	0.6					
磅级(Lb) Pound grade (Class)	150	2.93	2.07	2.07	0.6					
	300	5.52	5.52	5.52	0.6					
	400	10.0	7.31	7.31	0.6					
	600	15.0	11.03	11.03	0.6					
	900	22.4	16.54	16.54	0.6					

主要零件材料Main Parts Material

零件名称 Parts name	阀体 / 阀盖 Body / Bonnet	闸板 Disc	阀杆 Stem	阀座 Seat	阀杆螺母 Stem nut	密封圈 Sealing ring	填料 Packing	密封脂 Sealing grease
"Z"型 "Z"type	WCB	合金钢(特殊处理) Alloy steel (Handle peculiarly)	不锈钢 Stainless steel	合金钢(特殊处理) Alloy steel (Handle peculiarly)	铝青铜 Aluminium bronze	填充四氟 Packing PTFE	填充四氟 膨胀石墨 Packing PTFE, Expanded graphite	耐油密封脂 Gasoline–proof sealing grease
"KZ"型 "KZ"type			抗硫不锈钢 Anti–sulfur stainless steel					抗硫密封脂 Anti–sulfur sealing grease

注:抗硫阀门型号前加“K”,调节型阀门型号前加“L”，耐磨型F后加“M”。
Note:"K" before anti–sulfur valve type, "L" before regulating valve type and "M" after F for abrasion–resistant type.

产品标准 Product Standard

API 6D	管道阀门	Pipeline valve
JB/T 5298	管线用钢制平板闸阀	Steel flat gate valve for pipeline
ANSI B16.5a	管法兰及法兰管件	Pipe flange and flanged fitting
JB/T79.1-79.2	整体铸钢管法兰	Integral casting steel pipe flange
GB/T13927	通用阀门 压力试验	Pressure test of general valve
JB/T9092	阀门的检验与试验	Valve inspection and test
JB/TQ814	钢制平板闸阀产品质量分等	Product quality class of steel flat gate valve

主要尺寸和重量 Main Dimensions and Weight

Z43WF-10C、Z43F-10C

DN(mm)		25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
L		165	165	178	178	190	203	229	254	267	292	330	356	381	406	432	457	508	610	660	711	811
H2		360	375	410	450	550	610	700	798	895	1130	1290	1480	1660	1850	2080	2300	2680	3080	3491	3897	4317
H1	无导流孔 Without flow-guiding hole	60	71	75	80	95	100	114	132	150	188	225	247	275	312	335	380	445	490	560	610	715
	有导流孔 With flow-guiding hole	85	103	145	130	160	180	214	257	300	388	475	547	625	712	785	880	1045	1190	1360	1510	1715
D0		180	180	250	250	300	300	300	350	350	350	400	450	450	500	500	600	800	800	1000	1000	1200
重量 Weight (kg)	无导流孔 Without flow-guiding hole	15	20	22	23	40	45	52	95	105	140	240	300	460	560	780	1050	1680	2250	4260	4260	5540
	有导流孔 With flow-guiding hole	17	22	24	25	44	49	57	104	115	154	264	330	506	616	858	1155	1848	2475	3498	4686	6094

Z43WF-16C、Z43F-16C

DN(mm)		25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
L		165	165	178	178	190	203	229	254	267	292	330	356	381	406	432	457	508	610	660	711	811
H2		360	375	410	450	550	610	700	798	895	1130	1290	1480	1660	1850	2080	2300	2680	3080	3491	3897	4317
H1	无导流孔 Without flow-guiding hole	60	71	75	80	95	100	114	132	150	188	225	247	275	312	335	380	445	490	560	610	715
	有导流孔 With flow-guiding hole	85	103	145	130	160	180	214	257	300	388	475	547	625	712	785	880	1045	1190	1360	1510	1715
D0		180	180	250	250	300	300	300	350	350	350	400	450	450	500	500	600	800	800	1000	1000	1200
重量 Weight (kg)	无导流孔 Without flow-guiding hole	15	20	22	25	42	48	55	100	115	150	260	350	500	610	970	1200	1850	2910	3600	4950	6160
	有导流孔 With flow-guiding hole	17	22	24	27	46	52	60	110	126	165	286	385	550	671	1067	1320	2035	3201	3960	5445	6776

Z43WF-25C、Z43F-25C

DN(mm)		25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700	800	900	1000
L		165	165	178	178	190	203	229	254	267	292	330	356	381	406	432	457	508	610	660	711	811
H2		360	375	410	450	550	610	700	798	895	1130	1290	1480	1660	1850	2080	2300	2680	3080	3491	3897	4317
H1	无导流孔 Without flow-guiding hole	60	71	75	80	95	100	114	132	150	188	225	247	275	312	335	380	445	490	560	610	715
	有导流孔 With flow-guiding hole	85	103	145	130	160	180	214	257	300	388	475	547	625	712	785	880	1045	1190	1360	1510	1715
D0		180	180	250	250	300	300	300	350	350	350	400	450	450	500	500	600	800	800	1000	1000	1200
重量 Weight (kg)	无导流孔 Without flow-guiding hole	15	20	22	25	45	50	60	110	128	165	280	370	525	635	1010	1280	1930	3010	3820	5120	6400
	有导流孔 With flow-guiding hole	17	22	24	.27	49	55	66	121	140	181	308	407	577	698	1111	1408	2123	3311	4202	5632	7040

主要尺寸和重量 Main Dimensions and Weight

Z43WF-40、Z43F-40

DN(mm)		25	32	40	50	65	80	100	125	150	200	250	300
L		165	165	178	216	241	283	305	381	403	419	457	502
H2		370	385	420	460	555	615	710	800	900	1135	1400	1580
H1	无导流孔 Without flow-guiding hole	60	71	75	80	95	100	114	132	150	188	225	247
	有导流孔 With flow-guiding hole	214	257	300	388	475	547	214	257	300	388	475	547
D0		180	180	250	250	300	300	300	350	350	350	400	450
重量 Weight (kg)	无导流孔 Without flow-guiding hole	18	24	28	38	57	68	75	133	165	315	410	620
	有导流孔 With flow-guiding hole	20	26	31	42	62	75	82	146	181	346	451	682

Z43WF-64、Z43F-64

DN(mm)		50	65	80	100	125	150	200	250	300
L		250	280	310	350	400	450	550	650	750
H2		458	555	615	710	796	900	1135	1401	1580
H1	无导流孔 Without flow-guiding hole	108	125	145	165	190	220	280	330	380
	有导流孔 With flow-guiding hole	158	190	225	255	275	330	410	490	570
D0		300	300	350	350	400	400	500	500	600
重量 Weight (kg)	无导流孔 Without flow-guiding hole	55	72	85	98	164	205	350	490	760
	有导流孔 With flow-guiding hole	60	79	93	108	180	225	385	539	836

Z43WF-100、Z43F-100

DN(mm)		50	65	80	100	125	150	200	250	300
L		250	280	310	350	400	450	550	650	750
H2		468	565	625	720	806	910	1145	1411	1590
H1	无导流孔 Without flow-guiding hole	108	125	145	165	190	220	280	330	380
	有导流孔 With flow-guiding hole	158	190	225	255	275	330	410	490	570
D0		300	300	350	350	400	400	500	500	600
重量 Weight (kg)	无导流孔 Without flow-guiding hole	59	85	98	122	185	288	495	570	790
	有导流孔 With flow-guiding hole	65	93	108	134	203	317	545	627	869

Z43WY-160、Z43Y-160

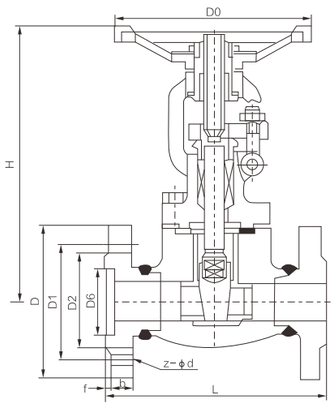
DN(mm)		50	65	80	100	125	150	200	250	300
L		300	340	380	472	500	550	630	775	900
H2		473	570	630	725	810	915	1150	1420	1595
H1	无导流孔 Without flow-guiding hole	108	125	145	165	190	220	280	330	380
	有导流孔 With flow-guiding hole	158	190	225	255	275	330	410	490	570
D0		300	300	350	350	400	400	500	500	600
重量 Weight (kg)	无导流孔 Without flow-guiding hole	81	115	155	200	345	600	780	1060	1280
	有导流孔 With flow-guiding hole	90	125	170	220	375	650	840	1120	1390

应用规范

1、设计、制造按GB12234-2007
2、结构长度按GB12221
3、连接法兰按JB/T79
4、阀门检查和试验按API598
5、结构特征：B.B;OS&Y
6、主体材料：A105,F5,F11,F22,304,304L,316,316L,LF2等

Application Specification

1.Design & manufacture according to GB12234-2007
2.Face to face according to GB12221
3.End flange dimension according to JB/T79
4.Valve inspection and test according to API598
5.Structure:B.B; OS&Y
6.Material:A105,F5,F11,F22,304,304L,316,316L,LF2 etc.



主要外形尺寸和重量Main Dimensions & Weight

Z41H-16C

公称通径 Nominal diameter	尺寸 Dimension(mm)								重量 Weight(kg)
	L	D	D1	D2	z-φd	b-f	H	D0	
10	130	90	60	40	4-14	14-2	148	100	-
15	130	95	65	45	4-14	14-2	151	100	-
20	150	105	75	55	4-14	14-2	182	100	-
25	160	115	85	65	4-14	14-2	197	125	-
32	180	135	100	78	4-18	16-2	201	160	-
40	200	145	110	85	4-18	16-2	227	160	-
50	250	160	125	100	4-18	16-2	253	180	-

Z41H-25

公称通径 Nominal diameter	尺寸 Dimension(mm)								重量 Weight(kg)
	L	D	D1	D2	z-φd	b-f	H	D0	
10	130	90	60	40	4-14	16-2	148	100	-
15	130	95	65	45	4-14	16-2	151	100	-
20	150	105	75	55	4-14	16-2	182	100	-
25	160	115	85	65	4-14	16-2	197	125	-
32	180	135	100	78	4-18	18-2	201	160	-
40	200	145	110	85	4-18	18-2	227	160	-
50	250	160	125	100	4-18	20-2	253	180	-

Z41H-40

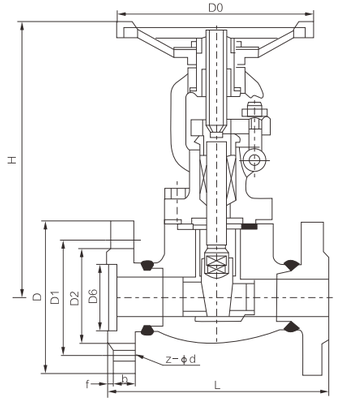
公称通径 Nominal diameter	尺寸 Dimension(mm)								重量 Weight(kg)
	L	D	D1	D2	D6	z-φd	b-f	H	D0	
10	130	90	60	40	35	4-14	16-2	148	100	-
15	130	95	65	45	40	4-14	16-2	151	100	-
20	150	105	75	55	51	4-14	16-2	182	100	-
25	160	115	85	65	58	4-14	16-2	197	125	-
32	180	135	100	78	66	4-18	18-2	201	160	-
40	200	145	110	85	76	4-18	18-2	227	160	-
50	250	160	125	100	88	4-18	20-2	253	180	-

应用规范

1、设计、制造按GB12234-2007
2、结构长度按GB12221-2005
3、连接法兰按JB/T79-2005
4、阀门检查和试验按JB/T9092-1999

Application Specification

1.Design & manufacture according to GB12234-2007
2.Face to face according to GB12221-2005
3.End flange dimension according to JB/T79-2005
4.Valve inspection and test according to JB/T9092-1999



主要外形尺寸和重量Main Dimensions & Weight

Z41H-64

公称通径 Nominal diameter	尺寸 Dimension(mm)								重量 Weight(kg)
	L	D	D1	D2	D6	z-φd	b-f	H	D0	
10	170	100	70	50	35	4-14	18-2	148	100	-
15	170	105	75	55	40	4-14	18-2	182	100	-
20	190	125	90	68	51	4-18	20-2	197	125	-
25	210	135	100	78	58	4-18	22-2	201	160	-
32	230	150	110	82	66	4-23	24-2	227	160	-
40	240	165	125	95	76	4-23	24-3	253	180	-
50	250	175	135	105	88	4-23	26-3	260	180	-

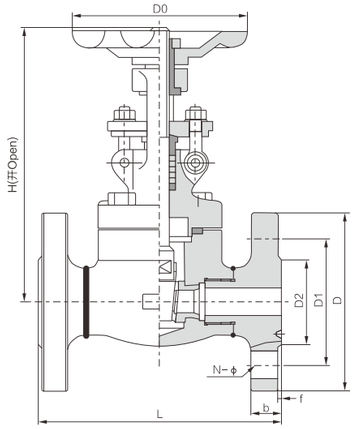
Z41H-100

公称通径 Nominal diameter	尺寸 Dimension(mm)								重量 Weight(kg)
	L	D	D1	D2	D6	z-φd	b-f	H	D0	
10	170	100	70	50	35	4-14	20-2	148	100	-
15	170	105	75	55	40	4-14	20-2	182	100	-
20	190	125	90	68	51	4-18	22-2	197	125	-
25	210	135	100	78	58	4-18	24-2	201	160	-
32	230	150	110	82	66	4-23	24-2	227	160	-
40	240	165	125	95	76	4-23	26-2	253	180	-
50	250	195	145	112	88	4-25	28-3	260	180	-

Z41H-160

公称通径 Nominal diameter	尺寸 Dimension(mm)								重量 Weight(kg)
	L	D	D1	D2	D6	z-φd	b-f	H	D0	
15	170	110	75	52	40	4-18	24-2	182	100	-
20	190	130	90	62	51	4-23	26-2	197	125	-
25	210	140	100	72	58	4-23	28-2	201	160	-
32	230	165	115	85	66	4-25	30-2	228	160	-
40	240	175	125	92	76	4-27	32-3	253	180	-
50	300	215	165	132	88	8-25	36-3	260	180	-
										-

锻钢法兰闸阀
Forged steel flange gate valve



应用规范

1、设计、制造按ANSI B16.34;API 600; API 602
2、结构长度按ANSI B16.10
3、连接端法兰尺寸：150/300和600磅级按ANSI B16.5
4、阀门检查和试验按API 598
5、结构特征：(1)B.B；OS&Y或W.B;OS&Y
(2)缩径(R.P)或全径(F.P)
6、材料：按ANSI/ASTM的规定
7、主体材料：A105,F5,F11,F22,304,304L,316,316L,LF2等

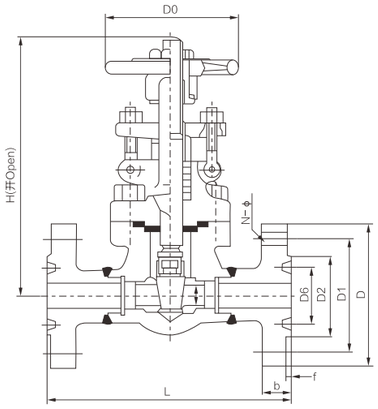
Application Specification

1.Design & manufacture according to ANSI B16.34;API600; API602
2.Face to face according to ANSI B16.10
3.End flange dimension 150/300Lb and 600Lb according to ANSI B16.5
4.Valve inspection and test according to API 598
5.Structure:(1)B.B; OS&Y or W.B; OS&Y
(2)Reduced-bore pipe (R.P) or full-bore pipe(F.P)
6.Material:according to ANSI/ASTM
7.Main material:A105,F5,F11,F22,304,304L,316,316L,LF2 etc.

主要外形尺寸和重量Main Dimensions & Weight

Z41H-150Lb~600Lb

规格Size		压力磅级 Pressure grade	L	H(开Open)		D0		D2	D1	D	b	f	N-φ	重量Weight(kg)	
in	mm			缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore							缩径 Reduced bore	全径 Full bore
1/2	15	150	108	166	169	100	100	35	60.3	89	10	1.6	4-15	4.5	5
		300	140					35	66.7	95	14.5	1.6	4-16	4.8	5.2
		600	165					35	66.7	95	14.5	6.4	4-15	5.9	5.9
3/4	20	150	117	169	193	100	125	43	69.9	98	10.5	1.6	4-15	5.2	6.1
		300	152					43	82.6	117	16	1.6	4-19	6.2	6.3
		600	190					43	82.6	118	16	6.4	4-19	7.1	7.5
1	25	150	127	193	230	125	160	51	79.4	108	11.5	1.6	4-15	8.2	8.4
		300	165					51	88.9	124	18	1.6	4-19	9.3	8.6
		600	216					51	88.9	124	18	6.4	4-19	10.4	10.2
11/4	32	150	140	230	246	160	160	64	88.9	117	13	1.6	4-15	11.5	14.3
		300	178					64	98.4	133	19.5	1.6	4-19	14	14.5
		600	229					64	98.4	133	21	6.4	4-19	16.2	16.7
11/2	40	150	165	246	283	160	180	73	98.4	127	14.5	1.6	4-15	12.5	15.4
		300	190					73	114.3	156	21	1.6	4-22	15.5	15.6
		600	241					73	114.3	156	22.5	6.4	4-22	17.5	17.4
2	50	150	178	283	330	180	200	92	120.7	152	16	1.6	4-19	20.3	22.7
		300	216					92	127.0	165	22.5	1.6	8-19	23.4	22.8
		600	292					92	127.0	165	25.5	6.4	8-19	28.3	28.7



应用规范

1、设计、制造按ANSI B16.34;API 600; API 602
2、结构长度按ANSI B16.10
3、连接端法兰尺寸按ANSI B16.5(RF)(RJ)
4、阀门检查和试验按API 598
5、结构特征：B.B；OS&Y或W.B;OS&Y
6、材料：按ANSI/ASTM的规定
7、主体材料：A105,F5,F11,F22,304,304L,316,316L,LF2等

Application Specification

1.Design & manufacture according to ANSI B16.34;API600; API602
2.Face to face according to ANSI B16.10
3.End flange dimension according to ANSI B16.5(RF)(RJ)
4.Valve inspection and test according to API 598
5.Structure:B.B; OS&Y or W.B; OS&Y
6.Material:according to ANSI/ASTM
7.Main material:A105,F5,F11,F22,304,304L,316,316L,LF2 etc.

主要外形尺寸和重量Main Dimensions & Weight

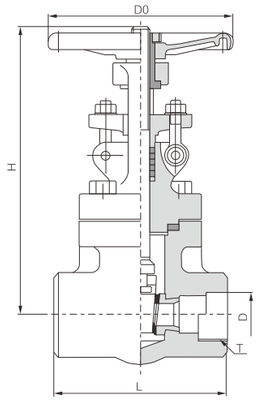
Z41H-900Lb

规格Size		L	H (开Open)	D0	D6	D2	D1	D	b	f	N-φ	重量Weight(kg)	
in	mm											B.B	W.B
1/2	15	216	197	125	39.67	60.5	82.5	120	22.5	6.35	4-22	6.9	7.2
3/4	20	229	197	125	44.45	66.5	89	130	25.5	6.35	4-22	11.2	11.5
1	25	254	224	160	50.80	71.5	101.5	150	29.5	6.35	4-26	12.8	15.6
11/4	32	279	237	160	60.33	81	111.1	159	29.5	6.35	4-26	16	16.2
11/2	40	305	276	180	68.27	92	124	180	32.0	6.35	4-30	21	22.5
2	50	368	320	200	95.25	124	165.1	216	38.5	7.92	8-26	27	28

Z41H-2500Lb

规格Size		L	H (开Open)	D0	D6	D2	D1	D	b	f	N-φ	重量Weight(kg)
in	mm											
1/2	15	263.5	321	180	42.88	65.0	89	133.4	30.2	6.35	4-22	16.7
3/4	20	273.1	321	180	50.80	73.0	95.3	140	32	6.35	4-22	17
1	25	308	321	180	60.33	82.5	108	158.8	35	6.35	4-26	21.3
11.4	32	349	373	203	72.23	102	120	170	40	7.92	4-26	24.5
11/2	40	384.2	406.3	203	82.55	114	146	203.2	44.5	7.92	4-32	30.8
2	50	451	195.3	302	101.60	133	171	235	50.8	7.92	8-29	40.5

锻钢内螺纹闸阀
Forged steel female thread gate valve



应用规范
1、设计、制造按ANSI B16.34;API 600; API 602
2、连接端尺寸:
(1)承插孔尺寸按ANSI B16.11,JIS B2306
(2)螺纹端尺寸按ANSI B1.20, ISO7/1,JIS B0203
3、阀门检查和试验按API 598
4、结构特征：B.B；OS&Y或W.B;OS&Y
5、材料：按ANSI/ASTM的规定
6、主体材料：A105,F5,F11,F22,304,304L,316,316L,LF2等

Application Specification
1.Design & manufacture according to ANSI B16.34;API600; API602
2.Dimensions of connection end:
(1)Socket bore dimensions to ANSI B16.11,JIS B2306
(2)End of thread dimensions to ANSI B1.20, ISO7/1,JIS B0203
3.Valve inspection and test according to API 598
4.Structure:B.B; OS&Y or W.B; OS&Y
5.Material:according to ANSI/ASTM
6.Main material:A105,F5,F11,F22,304,304L,316,316L,LF2 etc.

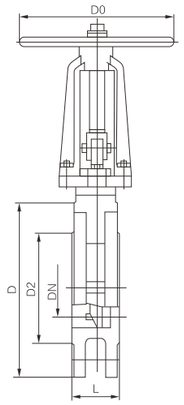
主要外形尺寸和重量Main Dimensions & Weight
Z61H-150Lb~800Lb、Z11H-150Lb~800Lb

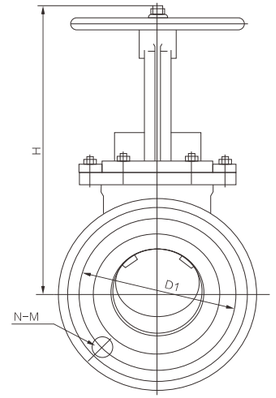
规格Size				D				L	T(in)				D0	H (开Open)	重量Weight(kg)	
in		mm		ANSI		JIS			ANSI牙形60°		JIS/ISO/BS牙形55°					
缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore		缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore			缩径 Reduced bore	全径 Full bore
1/4	–	8	–	14.2	–	14.3	–	79	1/4	–	1/4	–	100	169	2.2	–
3/8	1/4	10	8	17.6	14.2	17.9	14.3	79	3/8	1/4	3/8	1/4	100	169	2.2	2.4
1/2	3/8	15	10	21.8	17.6	22.2	17.9	80	1/2	3/8	1/2	3/8	100	169	2.2	2.4
3/4	1/2	20	15	27.1	21.8	27.7	22.2	90	3/4	1/2	3/4	1/2	100	182	2.2	2.6
1	3/4	25	20	33.8	27.1	34.5	27.7	100	1	3/4	1	3/4	125	208	4.6	4.8
11/4	1	32	25	42.6	33.8	43.2	34.5	120	11/4	1	11/4	1	160	254	5.9	6.1
11/2	11/4	40	32	48.7	42.6	49.1	43.2	130	11/2	11/4	11/2	11/4	160	290	6.9	7.2
2	11/2	50	40	61.1	48.7	61.1	49.1	140	2	11/2	2	11/2	180	330	11.1	11.2
–	2	–	50	–	61.1	–	61.1	178	–	2	–	2	200	372	–	14.1

Z61H-900Lb~1500Lb、Z11H-900Lb~1500Lb

规格Size		D		L	ANSI	ISO/BS	JIS	D0	H (开Open)	重量 Weight(kg)
in	mm	ANSI	JIS		NPT牙形60°	RC牙形55°	PT牙形55°			
1/4	8	14.2	14.3	79	1/4	1/4	1/4	100	166	2.19
3/8	10	17.6	17.9	79	3/8	3/8	3/8	100	166	2.17
1/2	15	21.8	22.2	92	1/2	1/2	1/2	100	169	2.2
3/4	20	27.1	27.7	111	3/4	3/4	3/4	125	193	4.3
1	25	33.8	34.5	120	1	1	1	160	230	5.9
11/4	32	42.6	43.2	120	11/4	11/4	11/4	160	246	6.9
11/2	40	48.7	49.1	140	11/2	11/2	11/2	180	283	11.1
2	50	61.1	61.1	178	2	2	2	200	330	15.2

手动刀型闸阀
Manual knife gate valve





应用规范
1、设计、制造按JB/T8691、Mss SP-B1
2、结构长度按GB/T15188 TAPPITIS405.8
3、连接法兰按JB79、ANSI B16.5
4、阀门检查和试验按GB13927、MSS SP-81、JB/T8691

Application Specification
1.Design & manufacture according to JB/T8691、Mss SP-B1
2.Face to face according to GB/T15188 TAPPITIS405.8
3.End flange dimension according to JB79、ANSI B16.5
4.Valve inspection and test according to GB13927、MSS SP-81、JB/T8691

主要性能规范 Main performance specification

公称压力(MPa) Nominal pressure	壳体试验(MPa) Shell test	密封试验(MPa) Seal test	工作温度 Working temperature	适用介质 Applicable medium
1.0	1.5	1.1	≤100℃	纸浆、污水、煤浆、灰、渣水混合物 Pulp / Polluted water / Coal slurry / Ash / Slag-water mixture
1.6	2.4	1.8	≤100℃	

主要零件材料Main Parts Material

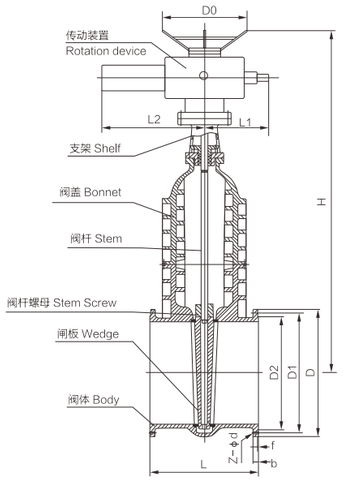
阀体 / 阀盖 Body / Bonnet	闸板 Gate	阀杆 Stem	密封面 Sealing surface
不锈钢 / 碳钢 / 灰铸铁 Stainless steel / Carbon steel / Gray cast iron	碳钢 / 不锈钢 Carbon steel / Stainless steel	不锈钢 Stainless steel	橡胶 / 四氟 / 不锈钢 / 硬质合金 Rubber / PTFE / Stainless steel / Hard alloy

主要外形尺寸和重量Main Dimensions & Weight
Z73H-10~16C

PN (MPa)	DN (mm)	尺寸 Dimension(mm)							重量 Weight(kg)	PN (MPa)	DN (mm)	尺寸 Dimension(mm)							重量 Weight(kg)
		L	D	D1	D2	H	D0	N-M				L	D	D1	D2	H	D0	N-M	
1.0	50	43	160	125	100	285	180	4-M16	8	1.6	50	43	160	125	99	285	180	4-M16	8.5
	65	46	180	145	120	298	180	4-M16	10		65	46	185	145	120	295	180	4-M16	10.7
	80	46	195	160	135	315	220	4-M16	12		80	46	200	160	135	315	220	8-M16	13
	100	52	215	180	155	365	220	8-M16	14		100	52	220	180	155	365	220	8-M16	15
	125	56	245	210	185	400	230	8-M16	22		125	56	250	210	185	400	230	8-M16	23.5
	150	56	280	240	210	475	280	8-M20	29		150	56	285	240	210	475	280	8-M20	31
	200	60	335	295	265	540	360	8-M20	38		200	60	340	295	265	540	360	12-M20	40.7
	250	68	390	350	320	630	360	12-M20	66		250	68	405	355	310	630	360	12-M22	70
	300	78	440	400	368	780	400	12-M20	100		300	78	460	410	375	780	400	12-M22	107
	350	78	500	460	428	885	400	16-M20	119		350	78	520	470	435	885	400	16-M22	129
	400	102	565	515	482	990	400	16-M22	195		400	102	580	525	485	990	400	16-M27	215
	450	114	615	565	532	1100	530	20-M22	285		450	114	640	585	545	1100	530	20-M27	305
	500	127	670	620	585	1200	530	20-M22	389		500	127	715	650	609	1200	530	20-M30	410
	600	154	780	725	685	1450	600	20-M27	529		600	154	840	770	720	1450	600	20-M36	550
	700	165	895	840	800	1700	600	24-M27	790		700	165	910	840	788	1700	600	24-M36	820
	800	190	1010	950	898	2000	680	24-M30	850		800	190	1025	950	898	2000	680	24-M36	950
	900	203	1110	1050	1005	2300	680	28-M30	900		900	203	1125	1050	998	2300	680	28-M36	1020
	1000	216	1220	1160	1115	2500	700	28-M30	1050		1000	216	1255	1170	1110	2500	700	28-M42	1120
	1200	254	1450	1380	1325	2800	800	32-M36	1300		1200	254	1485	1390	1325	2800	800	32-M48	1480

电动暗杆楔式地下铸铁闸阀
Electric non-rising wedge stem cast iron gate valve

Z945TW



应用规范
1、设计、制造按GB/T12234-89
2、结构长度按GB/T12221-89
3、连接法兰按JB79 GB/T9112-9131
4、阀门检查和试验按JB/T9092-99 GB/T13927-92

Application Specification
1.Design & manufacture according to GB/T12234-89
2.Face to face according to GB/T12221-89
3.End flange dimension according to JB79 GB/T9112-9131
4.Valve inspection and test according to JB/T9092-99 GB/T13927-92

用途 Usage

本阀广泛用于石油、化工、制药、电力等行业，在公称压力≤1.0MPa蒸气、水、油品介质的管路上作启闭用。
Turn on or turn off the piplines where the nominal pressure is≤1.0MPa and the medium nust be steam, water or oil, can be used in fields of petroleum industry, chemical industry, pharmaceutical industry and power industry.

主要零件材料Main Parts Material

零件名称 Parts name	材料Material	
	Z945T-6/10	Z945W-6/10
阀体 / 阀盖 Body / Bonnet	灰铸铁Grey cast iron	灰铸铁Grey cast iron
闸板 Disc	灰铸铁+黄铜 Grey cast iron & bronze	灰铸铁Grey cast iron
阀杆 Stem	碳钢(铜)Carbon steel(Bronze)	碳钢(铜)Carbon steel(Bronze)
阀杆螺母 Yoke nut	黄铜(球铁)Bronze(Ductile cast iron)	黄铜(球铁)Bronze(Ductile cast iron)

主要性能规范 Main performance specification

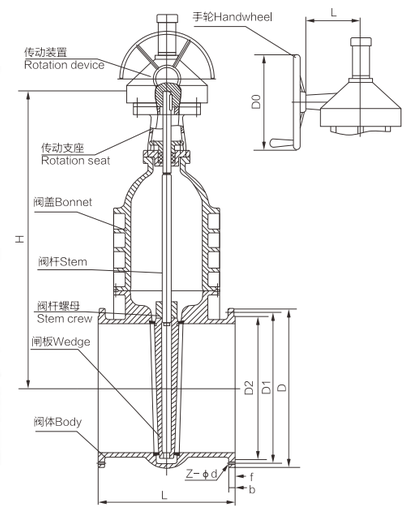
型号 Type	公称压力 (MPa)	试验压力(MPa) Testing pressure		适用温度 (℃) Applicable temperature	适用介质 Applicable medium
		强度(水) Strength(water)	密封(水) Enclose(water)		
Z945T-6	0.6	0.9	0.66	≤100	水、蒸汽Water, Vapoar
Z945W-6	0.6	0.9	0.66	≤100	油Oil
Z945T-10	1.0	1.5	1.1	≤100	水、蒸汽Water, Vapoar
Z945W-10	1.0	1.5	1.1	≤100	油Oil

主要外形连接尺寸和重量Main connection Dimensions & Weight

型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)											理论重量 Weight(kg)
		L	D	D1	D2	b-f	Z-φd	H	H1	L1	L2	D0	
Z945T/W-10	100	230	215	180	155	22-3	8-18	757	594	161	391	400	88
	125	255	245	210	185	24-3	8-18	802	639	161	391	490	103
	150	280	280	240	210	24-3	8-23	843	680	161	391	490	122
	200	330	335	295	265	26-3	8-23	993	830	161	391	490	178
	250	380	390	350	320	28-3	12-23	1097	934	161	391	490	239
	300	420	440	400	368	28-4	12-23	1194	1082	215	299	600	323
	350	450	500	460	428	30-4	16-23	1269	1157	215	299	600	431
	400	480	565	515	482	32-4	16-25	1445	1333	215	299	600	555
	450	510	615	565	832	32-4	20-25	1665	1546	215	299	600	-
	500	540	670	620	585	34-4	20-25	1658	1646	215	299	600	908
	600	600	780	725	685	36-5	20-30	1758	-	215	299	600	1148
	700	660	895	840	800	40-5	24-30	1976	-	258	318	700	1800
	800	720	1010	950	905	44-5	24-34	2136	-	258	318	700	2340
	1000	840	1220	1160	1115	40-5	28-34	2638	-	-	-	-	3900
Z945T/W-6	1200	960	1400	1340	1295	40-5	32-34	-	-	-	-	-	5065
	1400	1080	1620	1560	1510	44-5	36-34	-	-	-	-	-	7255
	1600	1000	1820	1760	1710	48-5	40-34	-	-	-	-	-	9900

暗杆楔式铸铁闸阀
Cast iron gate valve

Z545T/W、WZ545T



应用规范
1、设计、制造按GB/T12234-89
2、结构长度按GB/T12221-89
3、连接法兰按JB79 GB/T9112-9131
4、阀门检查和试验按JB/T9092-99 GB/T13927-92

Application Specification
1.Design & manufacture according to GB/T12234-89
2.Face to face according to GB/T12221-89
3.End flange dimension according to JB79 GB/T9112-9131
4.Valve inspection and test according to JB/T9092-99 GB/T13927-92

用途 Usage

本系列阀门安装于工作压力≤0.6/1.0MPa,工作温度≤100℃油品及其它非腐蚀性介质管线中作闭路设备。广泛用于钢铁、冶炼、石化、水、电、船舶、建城、轻纺、医药、食品、造纸等系统的给排水及油品的输配管网。

It installed as completed circuit equipments in pipeline of operation pressure ≤0.6/1.0MPa, operation temperature ≤100℃ of oil and other non-corrsive dielectric. It is widely used in water supply and sewerage and pipe network of oil of steel, smelt, oil chemistry, water, electricity shipping city construction, medical, food, papermaking.

主要零件材料Main Parts Material

零件名称 Parts name	材料Material
阀体 / 阀盖 / 闸板 Body / Bonnet / Disc	灰铸铁Grey cast iron
阀杆Stem	碳钢 / 不锈钢 Carbon steel / Stainless steel
阀杆螺母Yoke nut	黄铜 / 球墨铸铁 Brass / ductile iron
密封面 Sealing face	灰铸铁 / 铜 Grey cast iron / brass

主要性能规范 Main performance specification

型号 Type	公称压力 (MPa)	试验压力(MPa) Testing pressure		适用温度 (℃) Applicable temperature	适用介质 Applicable medium
		强度(水) Strength(water)	密封(水) Enclose(water)		
Z545W-6	0.6	0.9	0.66	≤100	油Oil
Z545T-6	0.6	0.9	0.66	≤100	水Water
WZ545T-6	0.6	0.9	0.66	≤100	水Water

主要外形连接尺寸和重量Main connection Dimensions & Weight

型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)										理论重量 Weight(kg)
		L	D	D1	D2	b	Z-φd	H	H1	L1	D0	
Z545T/W-6	1200	960	1405	1340	1295	40	32-34	2754	825	225	500	6500
	1400	1080	1620	1560	1510	44	36-34	3069	925	225	500	8000
	1600	1000	1915	1820	1750	48	40-54	3720	1000	225	500	9900

弹性座封闸阀
Elastic seat seal gate valve

用途 Usage

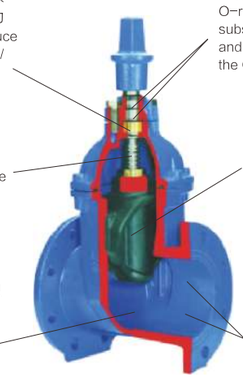
我厂引进欧洲高科技阀门制造技术所生产的弹性座封闸阀，利用闸门整体包胶产生变形补偿作用达到良好的密封效果，克服了一般闸阀密封不良、漏水和生锈的现象。可广泛用于自来水、污水、建筑、石油、化工、食品、医药、轻纺、电力、船舶、冶金、能源系统等流体管线上作为调节和截流装置使用。

Our plant has introduced in hi-tech valve manufacturing technology from Europe to produce the elastic seat seal gate valve which achieves a favorable seal effect by utilizing the distortion compensation brought about by the integrated rubber coating of gate, which has overcome such shortcomings of general gate valve as bad seal, leakage and rust. It can be widely applied in fluid pipelines as the regulating and cut-off device for such systems as tap water, sewage, building, petroleum, chemical engineering, food, medicine, light and textile industries, power, shipping, metallurgy and energy.

特点 Characteristic

1、整体包胶：闸门采用整体包胶，其良好的覆着性能与精确的几何尺寸，保证密封可靠、寿命长。
2、重量轻：阀体采用球铁制成，重量轻，安装方便。
3、平底阀座：底部采用与水管相同的平底式阀座设计，不产生杂物淤积，密封更可靠。
4、耐腐蚀：内腔采用无毒环氧树脂涂装，防止腐蚀和生锈，不但可供生饮，而且可用于污水系统。
5、三“O”密封：阀杆采用三道O型环密封，摩擦阻力小，开关轻巧，不漏水。

1. Integrated rubber coating: the valve adopts the integrated rubber coating, whose favorable coating performance and accurate geometrical dimension ensure reliable seal and a long service life.
2. Light in weight: the body is made of magnesium iron, which is light in weight and easy for installation.
3. Flat-bottom seat: the bottom adopts the same flat-bottom seat design as the water pipe with no accumulation of sundries but more reliable seal.
4. Corrosion resistance: the inner chamber is painted with innoxious epoxy resin which can avoid corrosion and rust, thus being available not only for raw water drinking but for sewage system.
5. Triple-O-ring: the stem adopts three O-rings for seal with small friction resistance, easy switch and no leakage.



应用规范

1、设计、制造按CJ/T 216-2005、JB/T6376-2005
2、结构长度按GB/T 12221-2005
3、连接法兰按GB/T 9113
4、阀门检查和试验按GB/T 13927-2008

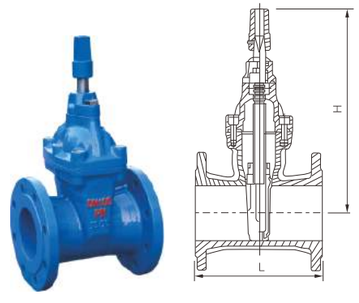
Application Specification

1.Design & manufacture according to CJ/T 216-2005、JB/T6376-2005
2.Face to face according to GB/T 12221-2005
3.End flange dimension according to GB/T 9113
4.Valve inspection and test according to GB/T 13927-2008

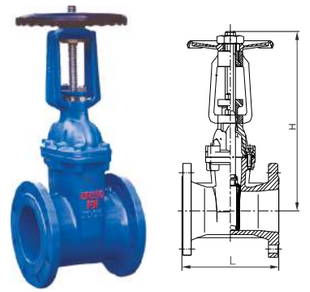
主要零件材料Main Parts Material

序号No.	零件名称 Parts name	材料 Material
1	阀体 Body	球墨铸铁 Nodular cast iron
2	闸门 Gate	球墨铸铁或外覆EPDM Nodular cast iron or coated with EPDM
3	螺栓 Bolt	镀锌 Galvanized
4	密封圈 Sealing ring	NBR
5	阀盖 Bonnet	球墨铸铁 Nodular cast iron
6	阀杆 Stem	不锈钢 Stainless steel
7	“O”型密封圈 O-sealing ring	NBR
8	止推垫 Thrust	锡青铜 Bronze
9	轴套 Shaft sleeve	锡青铜 Bronze
10	螺栓 Bolt	镀锌 Galvanized
11	轴盖 Shaft cover	球墨铸铁 Nodular cast iron
12	防尘盖 Dust cover	NBR
13	紧固螺母 Nut	镀锌 Galvanized
14	手轮 Hand wheel	铸铁 Cast iron

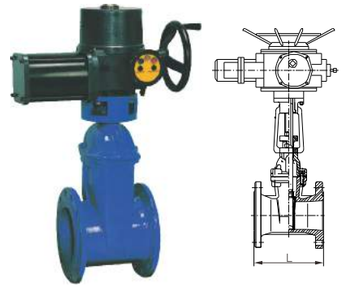
弹性座封闸阀
Elastic seat seal gate valve



RVCX弹性座封闸阀
RVCX Elastic seat seal gate valve



RRHX弹性座封闸阀
RRHX Elastic seat seal gate valve



RVEX电动弹性座封闸阀
RRHX Electric elastic seat seal gate valve

主要外形尺寸Main External Form Dimension

产品代号No.	公称通径 DN(mm) Nominal diameter	D		D1		n-φd		L	H
		1.0MPa	1.6MPa	1.0MPa	1.6MPa	1.0MPa	1.6MPa		
RVC(H)X-0050	50	165		125		4-19		178	340
RVC(H)X-0065	65	185		145		4-19		190	370
RVC(H)X-0080	80	200		160		8-19		203	410
RVC(H)X-0100	100	220		180		8-19		229	450
RVC(H)X-0125	125	250		210		8-19		254	480
RVC(H)X-0150	150	285		240		8-23		267	550
RVC(H)X-0200	200	340		295		8-23	12-23	292	630
RVC(H)X-0250	250	405		350	355	12-23	12-28	330	750
RVC(H)X-0300	300	460		400	410	12-23	12-28	356	820
RVC(H)X-0350	350	520		460	470	16-23	16-28	381	980
RVC(H)X-0400	400	580		515	525	16-28	16-31	406	1010
RVC(H)X-0450	450	640		565	585	20-28	20-31	432	1270
RVC(H)X-0500	500	715		620	650	20-28	20-34	457	1270
RVC(H)X-0600	600	840		725	770	20-31	30-37	508	1390

注：

RVXX表示非明杆式闸阀
RVXP表示省力装置
RRXX表示明杆式闸阀
RRHX表示明杆式附手轮

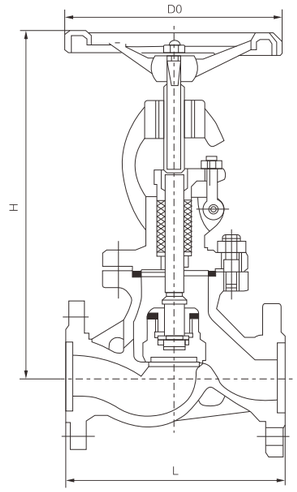
RVXX stands for non-rising stem gate valve
RVXP stands for labor-saving device
RRXX stands for rising stem gate valve
RRHX stands for rising stem type with handwheel

RREX表示明杆式附电动操作装置
RVCX表示非明杆式附传动帽
RVHX表示非明杆式附手轮
RVHS表示非明杆式附信号显示器

RREX stands for rising stem tyoe with electric actuator
RVCX stands for non-rising stem type with driving cap
RVHX stands for non-rising stem type with handwheel
RVHS stands for non-rising stem type with signal display

RVEX表示非明杆式附电动操作装置
RVCH表示非明杆式附传动帽卧式操作装置
RVHH表示明杆式附手轮卧
PN25级另行订制，本企业若有变更尺寸，恕不另行通知

RVEX stands for non-rising stem type with electric actuator
RVCH stands for non-rising stem type with cap horizontal actuator
RVHH stands for rising stem type with handwheel
Customize additionally for PN25 class. Our enterprise reserves the right of changing dimensions without further notice.



应用规范

1、设计、制造按GB12235-2007
2、结构长度按GB12221-2005
3、连接法兰按JB/T79-20000
4、阀门检查和试验按GB13927

Application Specification

1.Design & manufacture according to GB12235-2007
2.Face to face according to GB12221-2005
3.End flange dimension according to JB/T79-2000
4.Valve inspection and test according to GB13927

主要零件材料Main Parts Material

阀体 Body	阀盖 Bonnet	闸瓣 Disc	阀座 Seat	阀杆 Stem	填料 Packing	适用介质 Applicable medium	适用温度(≤℃) Applicable temperature
WCB	WCB	25+Stellite 12	25+D507Mo	2Cr13	柔性石墨 Flexible graphite	水 / 蒸汽 / 油品 Water / Steam / Oil	425
WC6	WC6	25Cr2Mo1VA+Stellite 12	25Cr2Mo1VA+Stellite6	25Cr2Mo1VA	柔性石墨 Flexible graphite	水 / 蒸汽 / 油品 Water / Steam / Oil	540
WC9	WC9	25Cr2Mo1VA+Stellite 12	25Cr2Mo1VA+Stellite6	25Cr2Mo1VA	柔性石墨 Flexible graphite	水 / 蒸汽 / 油品 Water / Steam / Oil	570
ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	PTFE编织 PTFE braiding	硝酸等腐蚀性介质 Corrosive medium like nitric acid	200
ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	PTFE编织 PTFE braiding	醋酸等腐蚀性介质 Corrosive medium like acetic acid	200
ZG00Cr18Ni10	ZG00Cr18Ni10	00Cr18Ni10	00Cr18Ni10	00Cr18Ni10	PTFE编织 PTFE braiding	强氧化性介质 Medium with strong oxidizability	200
ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	00Cr17Ni14Mo2	00Cr17Ni14Mo2	00Cr17Ni14Mo2	PTFE编织 PTFE braiding	尿素等腐蚀性介质 Corrosive medium like urea	200

1.6MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	650	750	850	950
H	mm	200	243	253	280	312	321	325	355	415	460	510	700	975	1115	1250	1380
D0	mm	120	140	140	160	200	220	260	280	300	350	450	500	550	600	700	800
重量(kg)Weight	kg	5	6.5	7	13.5	16	32	45	60	82	107	134	268	449	663	750	1170

2.5MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	650	750	850	950
H	mm	200	243	253	280	312	321	325	355	415	460	510	700	975	1115	1250	1380
D0	mm	120	140	140	160	200	220	260	280	300	350	450	500	550	650	750	850
重量(kg)Weight	kg	5	6.5	7	13.5	16	32	45	60	84	110	139	273	458	682	812	1205

4.0MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	650	750	850	950
H	mm	200	243	253	280	312	321	325	355	415	460	510	700	975	1115	1250	1380
D0	mm	140	160	160	180	200	260	280	300	350	400	450	600	600	700	800	900
重量(kg)Weight	kg	5	6.5	7	13.5	16	32	45	60	84	110	139	278	468	699	837	1312

6.4MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	mm	170	190	210	230	260	300	340	380	430	500	550	650	775	900
H	mm	195	228	250	325	360	410	450	485	537	646	840	925	1015	1200
D0	mm	160	180	200	-	220	260	280	320	350	400	500	-	-	-
重量(kg)Weight	kg	10	13	15	-	19	25	35	48	56	125	157	-	-	-

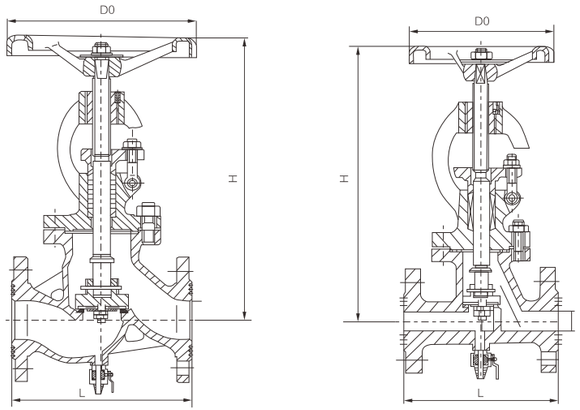
10.0MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	mm	170	190	210	230	260	300	340	380	430	500	550	650	775	900
H	mm	195	228	250	325	360	410	450	485	537	646	840	925	1015	1200
D0	mm	160	180	200	220	240	280	320	350	400	450	500	600	700	800
重量(kg)Weight	kg	10	12	17	25	30	40	68	92	107	-	310	590	850	1040

16.0MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200
L	mm	170	190	210	230	260	300	340	380	430	500	550	650
H	mm	195	228	250	325	360	410	450	485	537	646	840	925
D0	mm	160	180	200	220	240	280	320	350	400	450	500	600
重量(kg)Weight	kg	-	-	-	-	-	-	-	-	-	-	-	-

抗生素截止阀
Antibiotics globe valve



专利号 ZL201120100502.3

应用规范

1、设计、制造按GB/T12235
2、结构长度按GB/T12221
3、连接法兰按JB/T79-94
4、阀门检查和试验按JB/T9092

Application Specification

1.Design manufacture according to GB12235
2.Face to face according to GB12221
3.End flange dimension according to JB/T79-94
4.Valve inspection and test according to JB/T9092

主要零件材料Main Parts Material

阀体 Body	阀盖 Cover	阀瓣密封垫 Disc Seal	阀座 Seat	阀杆 Stem	填料 Packing	适用介质 Applicable medium	适用温度(≤℃) Applicable temperature
WCB	WCB	PTFE	25+D507Mo	2Cr13	柔性石墨 Flexible graphite	抗生素药品生化类 Antibiotic drugs biological class	200
ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	PTFE	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	PTFE	抗生素药品生化类 Antibiotic drugs biological class	200
ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni12Mo2Ti	PTFE	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	PTFE	抗生素药品生化类 Antibiotic drugs biological class	200
ZG00Cr18Ni10	ZG00Cr18Ni10	PTFE	00Cr18Ni10	00Cr18Ni10	PTFE	抗生素药品生化类 Antibiotic drugs biological class	200

1.6MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

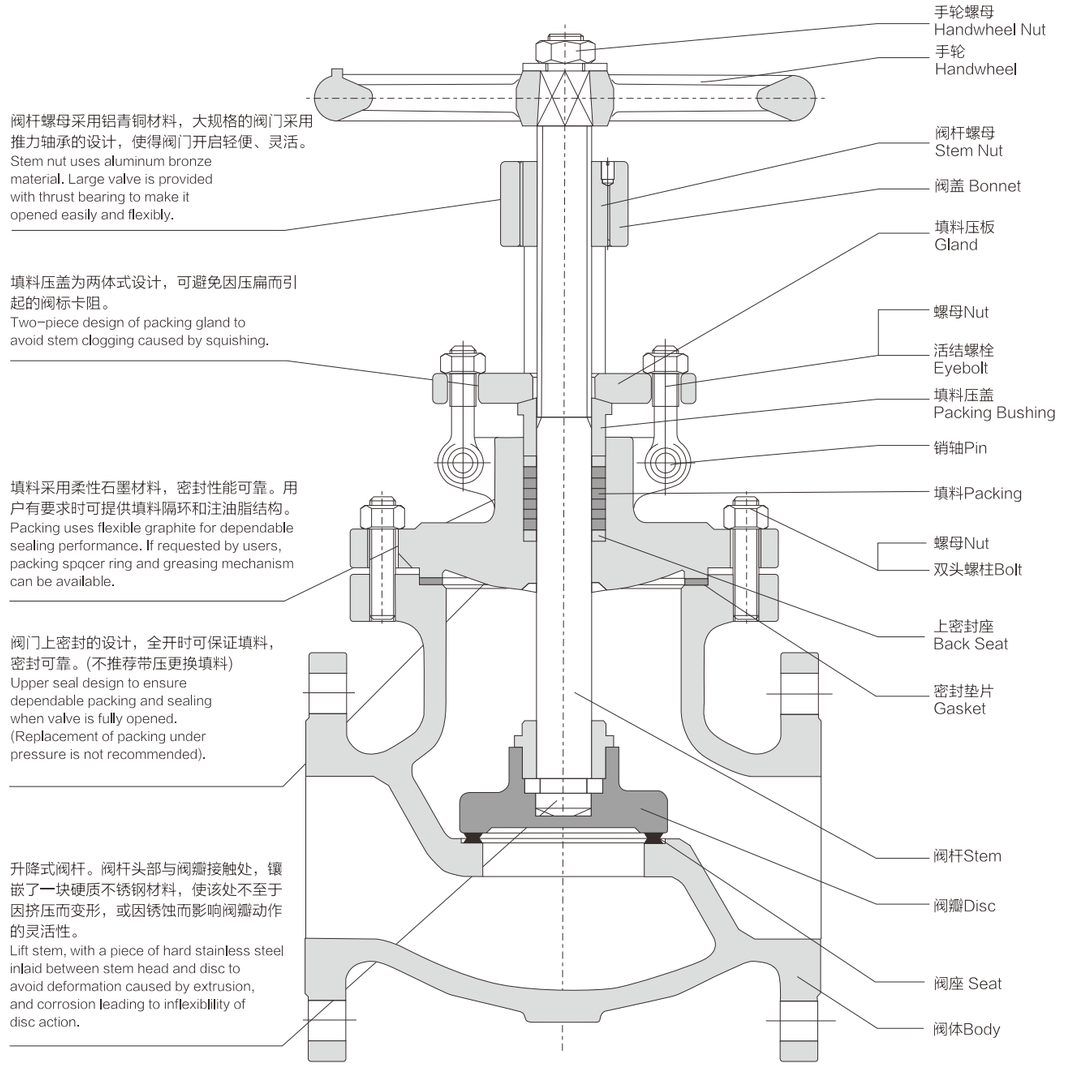
公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	650	750	850	950
H	mm	200	243	253	280	312	321	325	355	415	460	510	700	975	1115	1250	1380
D0	mm	120	140	140	160	200	220	260	280	300	350	450	500	550	600	700	800
重量(kg)Weight	kg	5	6.5	7	13.5	16	32	45	60	82	107	134	268	449	663	750	1170

2.5MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	650	750	850	950
H	mm	200	243	253	280	312	321	325	355	415	460	510	700	975	1115	1250	1380
D0	mm	120	140	140	160	200	220	260	280	300	350	450	500	550	650	750	850
重量(kg)Weight	kg	5	6.5	7	13.5	16	32	45	60	84	110	139	273	458	682	812	1205

美标铸钢截止阀
ANSI Cast steel globe valve

美标铸钢截止阀的结构图(OS&Y)
The structure drawing of ANSI cast steel globe valve



美标铸钢截止阀的材料明细(标准材料)The material list of ANSI cast steel globe valve(Standard material)

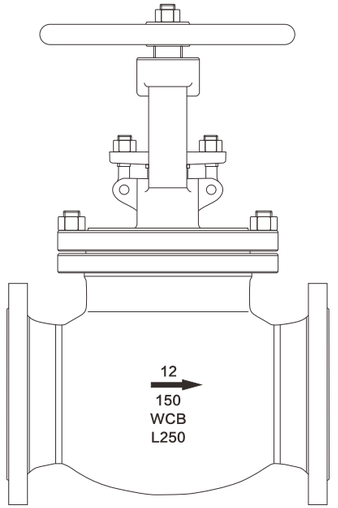
序号 No.	零件名称 Part Name	碳钢系列 Carbon Steel	不锈钢系列 Stainless Steel	合金钢系列 Alloy Steel	低温钢系列 Low Temperature Steel
1	阀体Body	A216 GR WCB	A351 GR CF8	A217 GR WC6	A352 GR LCB
2	阀座Seat	A105	–	A182 GR F304	A182 GR F304
3	阀瓣Disk	A216 GR WCB	A351 GR CF8	A217 GR WC6	A352 GR LCB
4	阀杆Stem	A276 TYPE 410	A276 TYPE 304	A182 GR F22	A276 TYPE 304
5	双头螺柱Stud	A193 GR B7	A193 GR B8	A193 GR B16	A320 GR L7
6	六角螺母Nut	A194 GR 2H	A194 GR 8	A194 GR 4	A194 GR 4
7	上密封座Back Seat	A182 GR F6a	A182 GR F304	A182 GR F304	A182 GR F304
8	密封垫片Gasket	柔性石墨Graphite+ss304			
9	填料Packing	柔性石墨Graphite			
10	销轴Pin	A194 GR 2H	A276 TYPE 304	A276 TYPE 410	A276 TYPE 304
11	填料压盖Packing Bushing	A182 GR F6a	A182 GR F304	A182 GR F304	A182 GR F304
12	活结螺栓Eyebolt	A193 GR B7	A193 GR B8	A193 GR B16	A320 GR L7
13	螺母Eybolt Nut	A194 GR 2H	A194 GR 8	A194 GR 4	A194 GR 4
14	填料压板Gland	A216 GR WCB	A351 GR CF8	A216 GR WCB	A352 GR LCB
15	阀盖Bonnet	A216 GR WCB	A351 GR CF8	A216 GR WCB	A352 GR LCB
16	阀杆螺母Stem Nut	B148 UNS C95200	B148 UNS C95200	B148 UNS C95200	B148 UNS C95200
17	手轮Handwheel	A197	A197	A197	A197
18	手轮螺母HandwheelNut	A108 GR 1020	A182 GR F304	A108 GR 1020	A108 GR F304

技术性能规范 Technical Specification

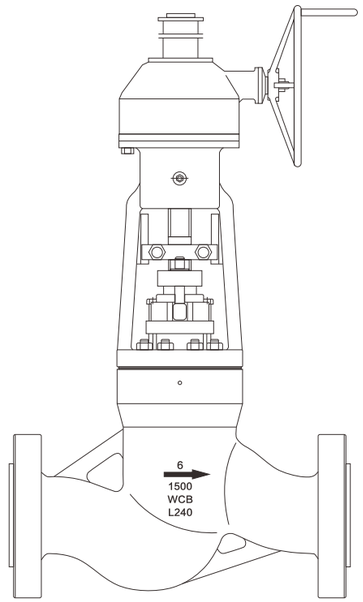
设计标准Design Standard		BS1873 ASME B16.34					
压力温度等级Pressure–Temperature Rating		ASME B16.34					
结构长度Face to Face		ASME B16.10					
法兰形式尺寸Flange Ends		ASME B16.5					
对焊端连接Buttwelding Ends		ASME B16.25					
检验与试验Inspection & Test		API598					
公称压力Nominal Pressure(Class)		150	300	400	600	900	1500
试验压力 Test Pressure (MPa)	壳体试验Shell Test	3.0	7.5	10.3	15.0	22.5	37.5
	高压密封High Pressure Seal Test	2.2	5.5	7.5	11.0	16.5	27.5
	低压密封 Low Pressure Seal Test	0.6					
适用温度Applicable Temperature		–196℃~550℃(不同的工况温度选用不同材质) Different raw material for different work temperature					
适用介质Applicable Medium		水、油、气及各类腐蚀性介质(不同的介质选用不同材质) Water,Oil,Gas and other causticity medium(Different raw material for different medium)					

美标铸钢截止阀供货范围 ANSI Cast steel Globe valve Product Line

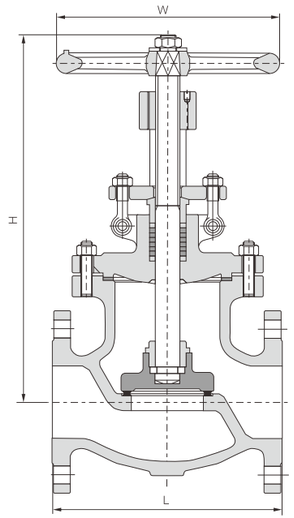
规格Size (mm)		压力Pressure(Class)															
		栓接阀盖Bolted Bonnet										自密封阀盖 Self–Sealed Bonnet					
		手动Handwheel					齿轮传动Gear operated					手动Handwheel			齿轮传动Gear operated		
DN	NPS	150	300	600	900	1500	150	300	600	900	1500	600	900	1500	600	900	1500
40	11/2	*	*	*													
50	2	*	*	*													
65	21/2	*	*	*													
80	3	*	*	*								*	*	*			
100	4	*	*	*	*	*						*	*	*			
150	6	*	*	*	*	*					*	*	*				
200	8	*	*	*	*				*	*	*	*					*
250	10	*	*						*							*	*
300	12	*	*												*		
350	14	*	*														
400	16	*						*									
450	18	*						*									
500	20	*						*									
600	24	*						*									

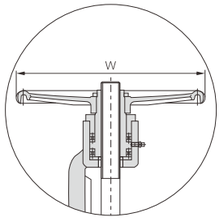


手动Handwheel operated

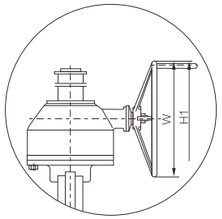


齿轮传动Gear operated





推力轴承结构
Bearing struture



齿轮传动
Gear operated

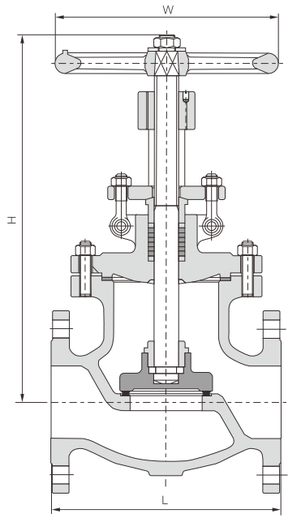
压力Pressure:Class150

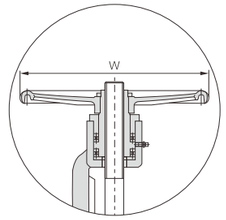
- 栓接阀盖
- 14"以上采用推力轴承设计

- Bolted bonnet
- 14"and above with bearing structure

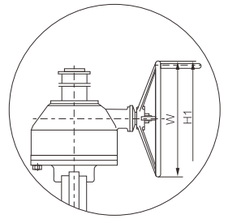
主要外形尺寸和重量Main Dimensions & Weight

压力 Class	规格Size		尺寸Dimension(mm)						理论重量Weight(kg)		扭矩 Torque (N.m)	Cv
	mm	in	LRF	LBW	LRJ	H	H1	W	RF	BW		
Class 150	40	11/2	165	165	178	289	–	200	14	11	16	–
	50	2	203	203	216	343	–	200	23	19	19	–
	65	21/2	216	216	229	365	–	250	32	25	29	–
	80	3	241	241	254	375	–	250	38	31	45	100
	100	4	292	292	305	448	–	250	63	53	67	185
	150	6	406	406	419	584	–	350	108	90	129	440
	200	8	495	495	508	660	–	450	186	164	245	810
	250	10	622	622	635	683	–	450	271	239	385	1260
	300	12	698	698	711	794	–	610	374	326	601	1890
	350	14	787	787	800	889	–	610	610	–	649	2441
	400	16	914	914	927	–	977	720	880	–	–	3234
	450	18	977	977	–	–	1066	720	1150	–	–	4308
	500	20	977	977	–	–	1117	720	1650	–	–	5364
	600	24	1295	1295	–	–	1295	850	2200	–	–	7825





推力轴承结构
Bearing structure



齿轮传动
Gear operated

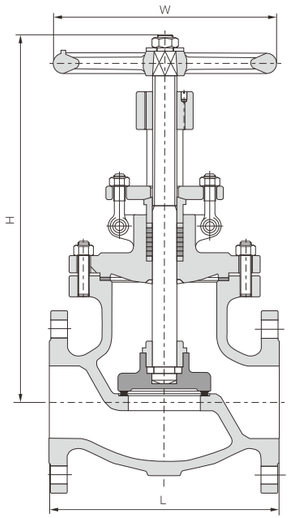
压力Pressure:Class300

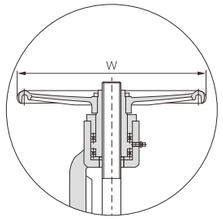
- 栓接阀盖
- 10"以上采用推力轴承设计
- 16"以上采用蜗轮杆传动

- Bolted bonnet
- 10"and above with bearing structure
- 16"and above gear operated

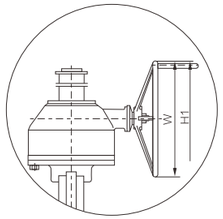
主要外形尺寸和重量Main Dimensions & Weight

压力 Class	规格Size		尺寸Dimension(mm)						理论重量Weight(kg)		扭矩 Torque (N.m)	Cv
	mm	in	LRF	LBW	LRJ	H	H1	W	RF	BW		
Class 300	40	11/2	229	229	241	365	–	200	27	21	24	–
	50	2	267	267	283	435	–	200	36	30	30	–
	65	21/2	292	292	308	476	–	250	47	39	51	–
	80	3	318	318	333	479	–	250	62	50	84	100
	100	4	356	356	371	581	–	350	102	83	145	185
	150	6	444	444	460	657	–	450	176	146	319	440
	200	8	559	559	575	724	–	450	288	244	617	810
	250	10	622	622	638	800	–	860	571	505	1126	1260
	300	12	711	711	727	900	–	860	770	669	1988	1890
	350	14	838	838	–	1092	–	860	876	–	–	2441
	400	16	863	863	–	–	1371	610	1200	–	–	3234
	450	18	977	977	–	–	1473	610	1600	–	–	4183
	500	20	1016	1016	–	–	1574	720	2100	–	–	5226
	600	24	1.346	1.346	–	–	1803	720	3150	–	–	7657





推力轴承结构
Bearing structure



齿轮传动
Gear operated

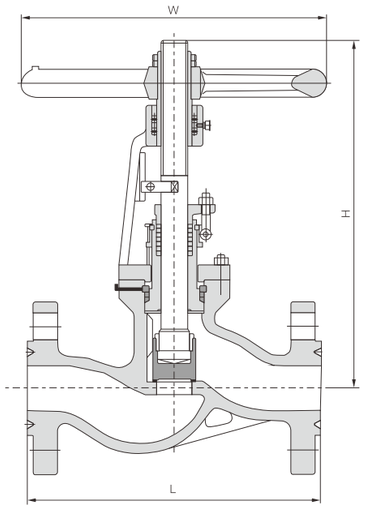
压力Pressure:Class600~1500

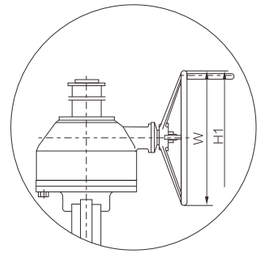
- 栓接阀盖
- 6"以上采用推力轴承设计
- 8"以上采用齿轮传动

- Bolted bonnet
- 6"and above with bearing structure
- 8"and above gear operated

主要外形尺寸和重量Main Dimensions & Weight

压力 Class	规格Size		尺寸Dimension(mm)						理论重量Weight(kg)		扭矩 Torque (N.m)	Cv
	mm	in	LRF	LBW	LRJ	H	H1	W	RF	BW		
Class 600	40	11/2	241	241	241	425	–	200	34	32	30	–
	50	2	292	292	295	460	–	250	52	44	66	–
	65	21/2	330	330	333	505	–	250	63	53	103	–
	80	3	356	356	359	556	–	350	87	75	175	100
	100	4	432	432	435	670	–	450	144	123	332	185
	150	6	559	559	562	905	–	610	355	298	819	440
	200	8	660	660	664	1060	–	610	555	499	1208	780
	250	10	787	787	791	–	1219	610	875	793	2266	1200
	300	12	838	838	841	–	1570	610	1280	1134	4140	1350
Class 900	80	3	381	381	384	635	–	350	150	120	–	90
	100	4	457	457	460	774	–	500	247	200	–	170
	150	6	610	610	613	1041	–	500	410	–	–	400
	200	8	737	737	740	1333	–	610	790	–	–	710
	250	10	838	838	841	–	1625	610	1400	–	5145	1100
Class1500	80	3	470	470	473	635	–	350	122	–	–	95
	100	4	546	546	549	736	–	450	172	–	–	170
	150	6	705	705	711	1092	–	610	510	–	–	395
	200	8	832	832	841	–	1482	500	875	–	–	695
	250	10	991	991	1000	–	1549	610	1675	–	8445	1085





齿轮传动 Gear operated

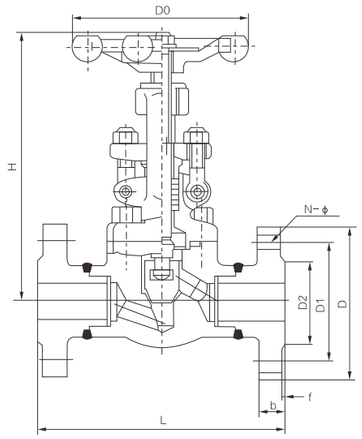
压力Pressure:Class600~1500

- 压力密封阀盖
- Class600,12"以上采用齿轮传动
- Class900,10"以上采用齿轮传动
- Class1500,8"以上采用齿轮传动

- Pressure sealed bonnet
- Class600, 12" and above gear operated
- Class900, 10" and above gear operated
- Class1500, 8" and above gear operated

主要外形尺寸和重量Main Dimensions & Weight

压力 Class	规格Size		尺寸Dimension(mm)						理论重量Weight(kg)		扭矩 Torque (N.m)	Cv
	mm	in	LRF	LBW	LRJ	H	H1	W	RF	BW		
Class 600	80	3	356	254	359	508	–	350	80	–	175	100
	100	4	432	305	435	635	–	450	135	–	332	185
	150	6	559	457	562	876	–	610	275	–	819	440
	200	8	660	584	663	990	–	610	480	–	1208	780
	250	10	787	711	781	1168	–	610	780	–	2266	1200
	300	12	838	812	841	–	1570	610	1150	–	4140	1810
Class 900	80	3	381	305	384	635	–	350	105	–	–	105
	100	4	457	356	460	774	–	500	170	–	–	195
	150	6	610	508	613	1065	–	500	370	–	–	455
	200	8	737	660	730	1333	–	610	720	–	–	800
	250	10	838	787	841	–	1574	610	1200	–	5145	1250
Class1500	80	3	470	470	473	635	–	350	–	95	–	95
	100	4	546	546	549	774	–	450	–	155	–	170
	150	6	705	705	711	1092	–	610	–	400	–	395
	200	8	832	832	841	–	1496	610	–	640	–	695
	250	10	991	991	1000	–	1549	610	–	1200	8445	1085



应用规范

1、设计、制造按API STD600
2、结构长度按ANSI B16.10
3、法兰连接按ANSI B16.5；JIS2212-B2214
4、阀体检查和试验按API STD598

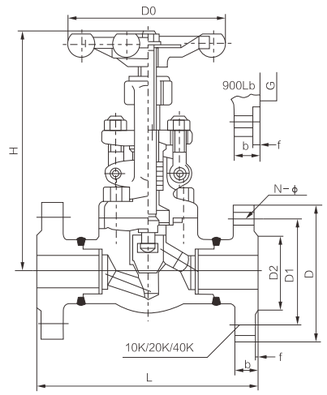
Application Specification

1.Design & Manufacture According to API STD600
2.Face to Face According to ANSI B16.10
3.End Flange Dimension According to ANSI B16.5; JIS B2212-B2214
4.Valve Inspection and Test According to API STD598

主要外形尺寸和重量Main Dimensions & Weight

J41H-150Lb~600Lb

规格Size		压力磅级 Pressure Class	L	H(开Open)		D0		D2	D1	D	b	f	N-ϕ	重量Weight(kg)	
in	mm			缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore							缩径 Reduced bore	全径 Full bore
1/2	15	150	108	158	163	100	100	35	60.3	89	10	1.6	4-15	4.5	6.9
		300	152					35	66.7	95	14.5	1.6	4-16	4.8	7.7
		600	165					35	66.7	95	14.5	6.4	4-15	5.6	7.8
3/4	20	150	117	163	193	100	125	43	69.9	98	10.5	1.6	4-15	6.9	9.8
		300	178					43	82.6	117	16	1.6	4-19	7.7	11.3
		600	190					43	82.6	118	16	6.4	4-19	7.8	12.5
1	25	150	127	193	250	125	160	51	79.4	108	11.5	1.6	4-15	9.8	13.5
		300	203					51	88.9	124	18	1.6	4-19	11	16.8
		600	216					51	88.9	124	18	6.4	4-19	12.5	17.5
11.4	32	150	140	250	250	160	160	64	88.9	117	13	1.6	4-15	13.5	19.5
		300	216					64	98.4	133	19.5	1.6	4-19	16.8	21.2
		600	229					64	98.4	133	21	6.4	4-19	17	23.5
11/2	40	150	165	250	291	160	180	73	98.4	127	14.5	1.6	4-15	19.5	28.5
		300	229					73	114.3	156	21	1.6	4-22	21.2	32.6
		600	241					73	114.3	156	22.5	6.4	4-22	23.5	38.5
2	50	150	203	291	312	180	200	92	120.7	152	16	1.6	4-19	28	30.3
		300	267					92	127.0	165	22.5	1.6	8-19	32.6	35
		600	292					92	127.0	165	25.5	6.4	8-19	38.8	42.2



应用规范

1、设计、制造按API STD600
2、结构长度按ANSI B16.10
3、法兰连接按ANSI B16.5；JIS2212-B2214
4、阀体检查和试验按API STD598

Application Specification

1.Design Manufacture According to API STD600
2.Face to Face According to ANSI B16.10
3.End Flange Dimension According to ANSI B16.5;
JIS B2212-B2214
4.Valve Inspection and Test According to API STD598

主要外形尺寸和重量Main Dimensions & Weight

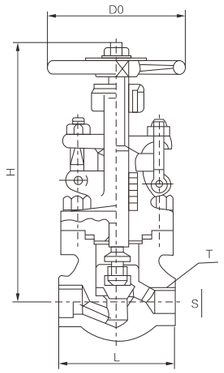
J41H-900Lb

规格Size		L	H (开Open)	D0	G	D2	D1	D	b	f	N-ϕ	重量Weight(kg)	
in	mm											B.B	W.B
1/2	15	216	207	100	39.67	60.5	82.5	120	22.5	6.35	4-22	7.4	8
3/4	20	229	207	100	44.45	66.5	89	130	25.5	6.35	4-22	12.5	13.2
1	25	254	240	125	50.80	71.5	101.5	150	29.5	6.35	4-26	16	17.4
11/4	32	279	258	160	60.33	81	111.1	159	29.5	6.35	4-26	17.2	19
11/2	40	305	290	160	68.27	92	124	180	32.0	6.35	4-30	23	24.5
2	50	368	337	180	95.25	124	165.1	216	38.5	7.92	8-26	29.8	31

J41H-10K~40K

规格Size		压力磅级 Pressure Class	L	H(开Open)		D0		D2	D1	D	b	f	N-ϕ	重量Weight(kg)	
in	mm			缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore							缩径 Reduced bore	全径 Full bore
1/2	15	10K	108	158	163	100	100	51	70	95	12	1	4-15	4.8	7.2
		20K	152					51	70	95	14	1	4-15	5.2	8
		40K	165					55	80	115	20	1	4-19	7.4	9.8
3/4	20	10K	117	163	193	100	125	56	75	100	14	1	4-15	7.2	10.2
		20K	178					56	75	100	16	1	4-15	8	12
		40K	190					60	85	120	20	1	4-19	9.8	13.3
1	25	10K	127	193	250	125	160	67	90	125	14	1	4-19	10.2	14.2
		20K	203					67	90	125	16	1	4-19	12	15.7
		40K	216					70	95	125	22	1	4-19	13.3	18.5
11.4	32	10K	140	250	250	160	160	76	100	135	16	2	4-19	14.2	20
		20K	216					76	100	135	18	2	4-19	15.7	23
		40K	229					80	105	135	24	2	4-19	18.5	27.3
11/2	40	10K	165	250	291	160	180	81	105	140	16	2	4-19	20	29.5
		20K	229					81	105	140	18	2	4-19	23	35.4
		40K	241					90	120	160	24	2	4-23	27.3	38.6
2	50	10K	203	291	312	180	200	96	120	155	16	2	4-19	29.5	30.3
		20K	267					96	120	155	18	2	8-19	35.4	36.6
		40K	292					105	130	165	26	2	8-19	38.6	40

锻钢截止阀
Forged steel globe valve



应用规范

1、设计、制造按ANSI B16.34
2、连接端尺寸:
(1)承插孔尺寸按ANSI B16.11,JIS B2306
(2)螺纹端尺寸按ANSI B1.20, ISO7/1,JIS B0203
3、阀门检查和试验按API 598
4、结构特征：B.B；OS&Y
5、材料：按ANSI/ASTM的规定
6、主体材料：A105,F5,F11,F22,304,304L,316,316L,LF2等

Application Specification

1.Design manufacture according to ANSI B16.34
2.Dimension of connection end:
(1)Socket bore dimensions to ANSI B16.11,JIS B2306
(2)End of thread dimensions to ANSI B1.20, ISO7/1,JIS B0203
3.Valve inspection and test according to API 598
4.Structure:B.B; OS&Y
5.Material:according to ANSI/ASTM
6.Main material:A105,F5,F11,F22,304,304L,316,316L,LF2 etc.

主要外形尺寸和重量Main Dimensions & Weight

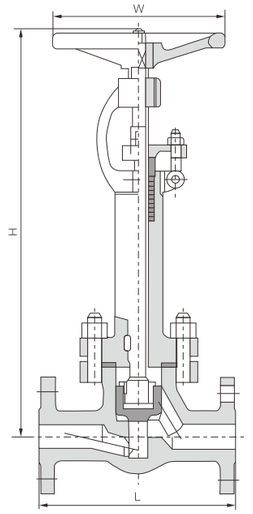
J61H-150Lb~800Lb、J11H-150Lb~800Lb

规格Size				D				L	T(in)				D0	H (开Open)	重量Weight(kg)	
in		mm		ANSI		JIS			ANSI NPT 牙形60°		JIS/ISO/BS牙形55°					
缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore		缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore			缩径 Reduced bore	全径 Full bore
1/4	–	8	–	14.2	–	14.3	–	80	1/4	–	1/4	–	100	157	1.9	2.2
3/8	1/4	10	8	17.6	14.2	17.9	14.3	80	3/8	1/4	3/8	1/4	100	157	1.9	2.2
1/2	3/8	15	10	21.8	17.6	22.2	17.9	80	1/2	3/8	1/2	3/8	100	157	1.9	2.0
3/4	1/2	20	15	27.1	21.8	27.7	22.2	90	3/4	1/2	3/4	1/2	100	162	2.1	1.9
1	3/4	25	20	33.8	27.1	34.5	27.7	100	1	3/4	1	3/4	125	195	3.3	2.4
11/4	1	32	25	42.6	33.8	43.2	34.5	120	11/4	1	11/4	1	160	267	7.5	3.5
11/2	11/4	40	32	48.7	42.6	49.1	43.2	140	11/2	11/4	11/2	11/4	160	267	7.5	8.0
2	11/2	50	40	61.1	48.7	61.1	49.1	170	2	11/2	2	11/2	180	301	11.4	8.6
–	2	–	50	–	61.1	–	61.1	200	–	2	–	2	200	312	–	14.4

J61H-1500Lb、J11H-1500Lb

规格Size				D				L	T(in)				D0	H (开Open)	重量Weight(kg)	
in		mm		ANSI		JIS			ANSI NPT 牙形60°		JIS/ISO/BS牙形55°					
缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore		缩径 Reduced bore	全径 Full bore	缩径 Reduced bore	全径 Full bore			缩径 Reduced bore	全径 Full bore
1/4	–	8	–	14.2	–	14.3	–	111	1/4	–	1/4	–	100	207	2.4	–
3/8	1/4	10	8	17.6	14.2	17.9	14.3	111	3/8	1/4	3/8	1/4	100	207	2.2	2.4
1/2	3/8	15	10	21.8	17.6	22.2	17.9	111	1/2	3/8	1/2	3/8	100	207	2.0	2.2
3/4	1/2	20	15	27.1	21.8	27.7	22.2	111	3/4	1/2	3/4	1/2	100	207	1.8	2.0
1	3/4	25	20	33.8	27.1	34.5	27.7	130	1	3/4	1	3/4	125	240	3.6	3.8
11/4	1	32	25	42.6	33.8	43.2	34.5	152	11/4	1	11/4	1	160	258	3.9	4.2
11/2	11/4	40	32	48.7	42.6	49.1	43.2	172	11/2	11/4	11/2	11/4	160	290	7.5	8.0
2	11/2	50	40	61.1	48.7	61.1	49.1	220	2	11/2	2	11/2	180	337	12.8	13.2
–	2	–	50	–	61.1	–	61.1	235	–	2	–	2	200	354	–	16.8

低温截止阀
Low temperature globe valve



应用规范

1、设计、制造按BS1873、JIS B2071、JIS B2081
2、结构长度按ASME B16.10 JIS B2002
3、连接端法兰尺寸按Class150、300、600按ASME B16.5
JIS 10K、20K按JIS B2212、JIS B2214
4、压力温度基准按ASME B16.34
5、阀门检查和试验按API598、BS6755、JIS B2003
6、主体材料：LCB、CF8、CF8M、CF3、CF3M

Application Specification

1. Design manufacture according to BS1873, JIS B2071, JIS B2081
2. Face to face accrding to ASME B16.10, JIS B2002
3. End flange dimension according to Class150,300,600 to ASME B16.5
JIS 10K, 20K to JIS B2212, JIS B2214
4. Pressure temperature to ASME B16.34
5. Valve inspection and test according to API598, BS6755, JIS B2003
6. Main material: LCB, CF8, CF8M, CF3, CF3M

注：阀门连接法兰及尺寸焊端尺寸可根据用户要求设计制造。
Note: The flange connection and butt weld size can be designed and manufacture according to customer's requirements.

主要外形连接尺寸和重量Main connection Dimensions & Weight

Class 150

规格 Specification	NPS	1/2	3/4	1	11/2	2	21/2	3	4	6	8	10	12
	DN	15	20	25	40	50	65	80	100	150	200	250	300
L		108	117	127	165	203	216	241	292	406	495	622	698
H	-46℃	405	405	425	460	526	555	582	622	740	820	1020	1280
	-101℃	405	405	425	460	586	620	655	690	820	900	1050	1310
	-196℃	405	405	425	460	586	620	655	690	820	900	1080	1340
W		150	150	180	200	250	250	300	300	820.3	400	550	600
WT (kg)	-46℃	6	11	14	28	29.5	35	40	70.5	119	200	269	350
	-101℃	7	12	15	30	31	39	47	72	122	204	275	357
	-196℃	8	13	17	31	33	41	48	74	125	208	280	478

Class 300

规格 Specification	NPS	1/2	3/4	1	11/2	2	21/2	3	4	6	8	10	12
	DN	15	20	25	40	50	65	80	100	150	200	250	300
L		152	178	203	229	267	292	318	356	444	559	622	711
H	-46℃	405	405	425	460	536	565	592	652	790	900	1030	1290
	-101℃	405	405	425	460	596	630	662	722	870	980	1060	1320
	-196℃	405	405	425	460	596	630	662	722	870	980	1090	1350
W		150	150	180	200	250	250	300	300	450	450	600	650
WT (kg)	-46℃	10	17	19	27	42.5	55	66	106	183	345	468	770
	-101℃	13	18	21	29	43.5	56	67	107	184	347	470	772
	-196℃	14	20	23	31	44.5	57	69	165	186	351	475	780

Class 600

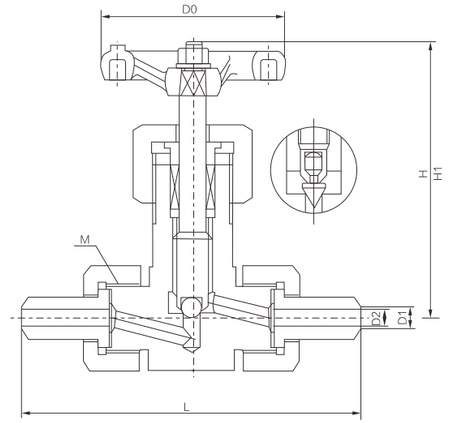
规格 Specification	NPS	1/2	3/4	1	11/2	2	21/2	3	4	6	8	10
	DN	15	20	25	40	50	65	80	100	150	200	250
L		165	191	216	241	292	330	356	432	559	660	787
H	-46℃	405	405	425	460	615	660	700	765	980	1480	1680
	-101℃	405	405	425	460	615	660	700	765	980	1480	1710
	-196℃	405	405	425	460	655	700	740	805	1030	1530	1740
W		150	150	180	200	250	250	400	400	550	600	750
WT (kg)	-46℃	16	18	20	31	46	65	84	145	313	418	980
	-101℃	17	19	21	35	47	67	86	148	320	426	1000
	-196℃	18	20	23	37	48	68	88	151	327	435	1020

订货号 Order Number (LCB.CF8.CF8M.CF3.CF3M)

主体材料 Material of body	压力级 Pressure Class	内件代号 Code of valve trim	
		22	29
		STL/STL	304/304
LCB	Class150	DJ1R22B	DJ1R29B
	Class300	DJ3R22B	DJ3R29B
	Class600	DJ6A22B	DJ6A29B
	10K	DJ1K22B	DJ1K29B
	20K	DJ2K22B	DJ2K29说B
CF8	Class150	DJ1R22P	DJ1R22P
	Class300	DJ3R22P	DJ3R22P
	Class600	DJ6A22P	DJ6A22P
	10K	DJ1K22P	DJ1K22P
	20K	DJ2K22P	DJ2K22P
CF8M	Class150	DJ1R22R	DJ1R22R
	Class300	DJ3R22R	DJ3R22R
	Class600	DJ6A22R	DJ6A22R
	10K	DJ1K22R	DJ1K22R
	20K	DJ2K22R	DJ2K22R
CF3	Class150	DJ1R22S	DJ1R22S
	Class300	DJ3R22S	DJ3R22S
	Class600	DJ6A22S	DJ6A22S
	10K	DJ1K22S	DJ1K22S
	20K	DJ2K22S	DJ2K22S
CF3M	Class150	DJ1R22L	DJ1R22L
	Class300	DJ3R22L	DJ3R22L
	Class600	DJ6A22L	DJ6A22L
	10K	DJ1K22L	DJ1K22L
	20K	DJ2K22L	DJ2K22L

说明：1、如连接端为对接焊，连接单元“R”或“A”项用“W”表示。
2、阀体材料“LCB”用“B”表示。

Instructions:1. If the end connection is butt welded, the connection unit"R" or "A" is expressed by "W".
2. The material of body "LCB" is expressed by "B".



应用规范

1、设计、制造按GB/T12224-2005 JB/T7747-1995
2、阀门检查和试验按GB/T13927-1992

Application Specification

1. Design manufacture according to GB/T12224-2005 JB/T7747-1995
2. Valve inspection and test according to GB/T13927-1992

主要性能规范 Main Performance & Specifications

型号 Model	公称压力(MPa) Nominal Pressure	试验压力Ps(MPa)Test Pressure			工作压力(MPa) Working Pressure	工作温度(℃) Working Temperature	适用介质 Suitable Medium
		壳体Shell	密封(液) Sealing(Liquid)	密封(气) Sealing(Gas)			
J2$\frac{1}{3}$W-16	1.6	2.4	1.76	0.6	1.6	t≤540	液化石油气、水、油品等 Liquid Petroleum Gas, Water, Oil, etc.
J2$\frac{1}{3}$W-40P	4.0	6.0	4.4	0.6	4.0		
J2$\frac{1}{3}$W-160	16.0	24.0	17.6	0.6	16.0	t≤425	
J2$\frac{1}{3}$W-320P	32.0	48.0	35.2	0.6	32.0		

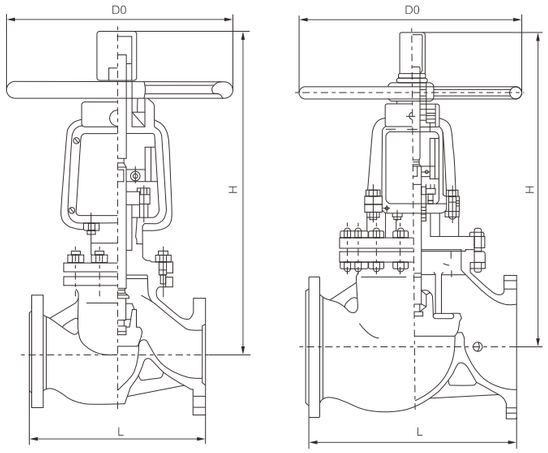
主要零件材料 Main Parts Materials

零件名称 Part Name	阀体、阀盖 Body, Bonnet	阀杆 Stem	填料 Packing
J2$\frac{1}{3}$W-16P	铬镍不锈钢 Chrome-nickel stainless steel	铬镍不锈钢 Chrome-nickel stainless steel	聚四氟乙烯 / 柔性石墨 PTFE / Flexible graphite
J2$\frac{1}{3}$W-160 J2$\frac{1}{3}$W-40	优质碳钢 High quality carbon steel	铬不锈钢 Chromium stainless steel	聚四氟乙烯 / 柔性石墨 PTFE / Flexible graphite

主要尺寸及重量 Main Dimensions and Weight

公称通径DN Nominal Diameter	尺寸(mm)Dimension							重量(kg)Weight
	D0	D1	D2	L	H1	H2	M	
6	70	14	6	140	96	106	20x1.5	0.9
10	80	18	10	160	115	125	24x1.5	1.18
15	100	22	15	180	122	132	30x2	2.0
20	110	28	18	220	156	166	36x2	3.5
25	140	33	22	230	169	180	42x2	4.3

氧气截止阀
Oxygen Globe Valve



应用规范

1、设计、制造按GB12235-2007
2、结构长度按GB12221-2005
3、连接法兰按JB/T79-2005
4、阀门检查和试验按GB13927

Application Specification

1. Design manufacture according to GB12235-2007
2. Face to face according to GB12221-2005
3. End flange dimension according to JB/T79-2005
4. Valve inspection and test according to GB13927

特点

1、产品所有零件均经脱脂处理，严格禁油；
2、产品采用密封包装、防止湿气和杂质进入阀内；
3、其它技术规范按《钢铁企业氧气管网的若干技术规定》。

Characteristic

1. All product parts are degreased which should be prohibited from oil strictly.
2. The product adopts sealed package to prevent humid air and impurities from entering the valve inside.
3. Conform to some technical provisions on oxygen pipeline network of iron and steel enterprises for other technical codes

主要零件材料及主要用途Main Parts Material and Application

零件名称 Parts	阀体/阀盖 Body/Bonnet	阀瓣 Disc	阀杆 Stem	阀杆螺母 Yoke nut	填料 Packing	垫片 Gasket
材料 Material	CF8	F304	F304	QAL9-4	PTFE	PTFE
	铜合金 Copper Alloy	F304	F304	QAL9-4	PTFE	PTFE

1.6MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

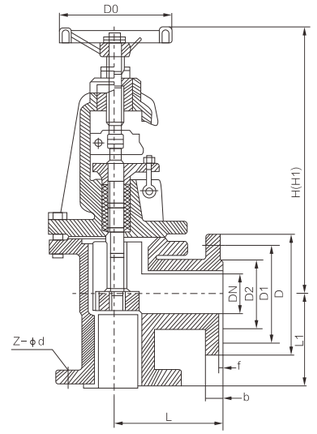
公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	650	750	850	950
H	mm	210	253	265	320	360	370	395	425	495	580	630	840	1050	1215	1350	1480
D0	mm	120	140	140	160	200	220	260	280	300	350	400	450	500	550	600	650
重量(kg)Weight	kg	5	6.5	7	13.5	16	32	45	60	82	107	134	268	449	663	750	1170

2.5MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	650	750	850	950
H	mm	210	253	265	320	360	370	395	425	495	580	630	840	1050	1215	1350	1480
D0	mm	120	140	140	160	200	220	260	280	300	350	400	500	600	700	800	900
重量(kg)Weight	kg	5	6.5	7	13.5	16	32	45	60	84	110	139	273	458	682	812	1205

4.0MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	350	480	600	650	750	850	950
H	mm	210	253	265	320	360	370	395	425	495	495	630	840	1050	1215	1350	1480
D0	mm	140	160	160	180	200	260	280	300	350	350	450	600	600	700	800	900
重量(kg)Weight	kg	5	6.5	7	13.5	16	32	45	60	84	84	139	278	468	699	837	1312



应用规范

1、设计、制造按GB12233
2、结构长度按GB12221/JB96
3、连接法兰按JB79/GB9113
4、阀门检查和试验按GB13927

Application Specification

1. Design manufacture according to GB12233
2. Face to face according to GB12221/JB96
3. End flange dimension according to B79/GB9113
4. Valve inspection and test according to GB13927

压力试验 Pressure testing

公称压力 Nominal Pressure PN(MPa)	试验压力(MPa)Test Pressure			
	壳体Shell	密封(水) Sealing(water)	密封(气) Sealing(Air)	上密封 Back Sealing
1.6	2.4	1.8	0.6	1.8
2.5	3.8	2.8	0.6	2.8
4.0	6.0	4.4	0.6	4.4
6.4	9.6	7.0	0.6	7.0
10.0	15.0	11.0	0.6	11.0
16.0	24.0	18.0	0.6	18.0

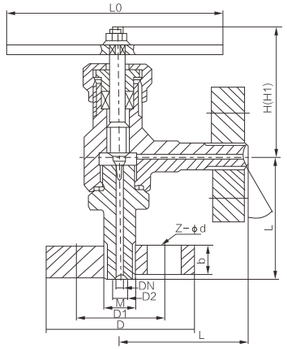
主要零件材料及性能 Material list for main parts and specification

壳体材料 Material of shell	适用介质 Suitable Medium	适用温度(℃) Applicable Temperature
铬镍钛钢(P型) Chromium nickel steel (P type)	硝酸类 Nitric Acid	≤200
铬镍钛钢(P型) Chromium nickel steel (P type)	醋酸类 Acetic Acid	≤200
铬钼钢(I型) Chromium molybdenum steel (I type)	水 / 蒸汽 / 油品等 Water / Steam / Oil	≤550

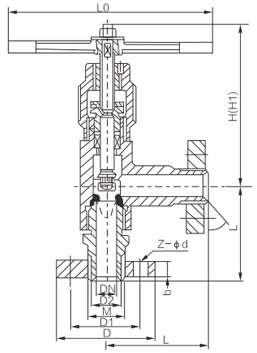
主要外形连接尺寸和重量Main connection Dimensions & Weight

公称压力 PN(MPa)	公称通径 DN(mm)	尺寸 Dimension(mm)								重量(kg) Weight
		L	D	D1	D2	b	Z-φd	H	D0	
2.5P/R 凸面法兰 RF Flange	25	100	115	85	65	16-2	4-14	100	220	236
	32	105	135	100	78	18-2	4-18	120	251	273
	40	115	145	110	85	18-3	4-18	140	283	306
	50	125	160	125	100	20-3	4-18	160	316	344
	65	145	180	145	120	22-3	8-18	180	353	383
	80	155	195	160	135	22-3	8-18	200	437	479
	100	175	230	190	160	24-3	8-23	240	479	529
	125	200	270	220	188	28-3	8-25	280	542	608
	150	225	300	250	218	30-4	8-25	320	605	680
	200	275	360	310	310	34-4	12-25	360	650	755

角式截止阀、节流阀系列
Angle type globe valve throttle valve series



DN3-15



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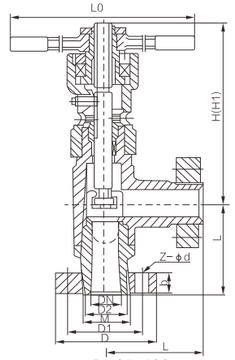


DN65-100

应用规范
1、设计、制造按GB12233
2、结构长度按GB12221/JB96
3、连接法兰按JB79/GB9113
4、阀门检查和试验按GB13927

Application Specification
1. Design manufacture according to GB12233
2. Face to face according to GB12221/JB96
3. End flange dimension according to B79/GB9113
4. Valve inspection and test according to GB13927

压力试验 Pressure testing

公称压力 Nominal Pressure PN(MPa)	试验压力(MPa)Test Pressure			
	壳体Shell	密封(水) Sealing(water)	密封(气) Sealing(Gas)	上密封 Back Sealing
1.6	2.4	1.8	0.6	1.8
2.5	3.8	2.8	0.6	2.8
4.0	6.0	4.4	0.6	4.4
6.4	9.6	7.0	0.6	7.0
10.0	15.0	11.0	0.6	11.0
16.0	24.0	18.0	0.6	18.0

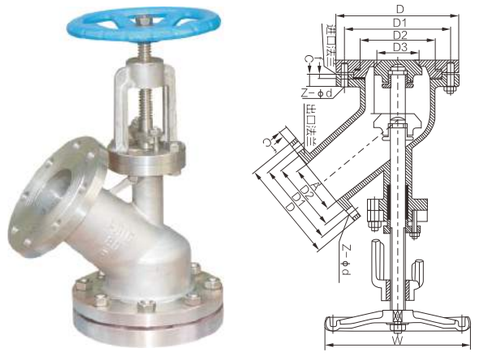
主要零件材料及性能 Material list for main parts and specification

壳体材料 Material of shell	适用介质 Suitable Medium	适用温度(℃) Applicable Temperature
铬镍钛钢(P型) Chromium nickel steel (P type)	硝酸类 Nitric Acid	≤200
铬镍钛钢(P型) Chromium nickel steel (P type)	醋酸类 Acetic Acid	≤200
铬钼钢(I型) Chromium molybdenum steel (I type)	水 / 蒸汽 / 油品等 Water / Steam / Oil	≤550

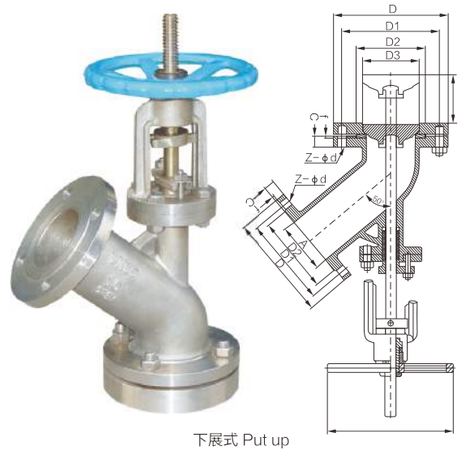
主要外形连接尺寸和重量Main connection Dimensions & Weight

型号 Model	公称通径 DN(mm)	尺寸 Dimension(mm)										重量(kg) Weight
		L	D	D1	M	D2	b	Z-φd	L0	H	H1	
AJ44Y-320 AL44Y-320	3	60	70	42	M14X1.5	10	15	3-16	100	71	77	1.25
	6	60	70	42	M14X1.5	10	15	3-16	150	80	94	1.25
J44Y-160 L44Y-160	10	90	95	60	M24X2	10	20	3-18	200	260	275	5.7
	15	105	95	60	M24X2	16	20	3-18	200	268	288	6.2
J44Y-320 L44Y-320	10	90	95	60	M24X2	10	20	3-18	200	260	275	5.7
	15	105	105	68	M33X2	17	20	3-18	200	268	288	6.8
J44Y-160 L44Y-160	25	120	105	68	M33X2	28	20	3-18	300	225	245	9.1
	32	135	115	80	M42X2	37	22	4-18	300	222	248	11
	40	165	165	115	M52X2	47	28	6-26	350	265	300	20
	50	190	165	115	M64X3	59	32	6-26	400	303	345	30
J44Y-320 L44Y-320	25	120	115	80	M42X2	35	22	4-18	300	225	245	10.8
	32	135	135	95	M48X2	41	25	4-22	300	222	248	13.5
	40	165	165	115	M64X3	58	32	6-26	350	265	300	23
	50	190	200	145	M80X3	70	40	6-29	400	303	345	39.2
GJ44H-160 GL44H-160	65	215	200	145	M80X3	73	40	6-29	710	430	490	81
	80	260	225	170	M100X3	93	50	6-33	810	520	600	138
	100	290	260	195	M125X4	115	60	6-36	850	595	685	223
GJ44H-320 GL44H-320	65	215	225	170	M100X3	90	50	6-33	710	430	490	93
	80	260	260	195	M125X4	112	60	6-36	810	520	600	158
	100	290	300	235	M155X4	130	75	8-39	850	595	285	228

HG5-89型上、下展式放料阀
HG5-89 Up/down feed valve



下展式 Put down



下展式 Put up

应用规范
1、设计、制造按ZBJ6006
2、结构长度按GB12221
3、连接法兰按ANSI B16.5

Application Specification
1. Design & manufacture according to ZBJ6006
2. Face to face according to GB12221
3. End flange dimension according to ANSI B16.5

主要零件材料Main Parts Material

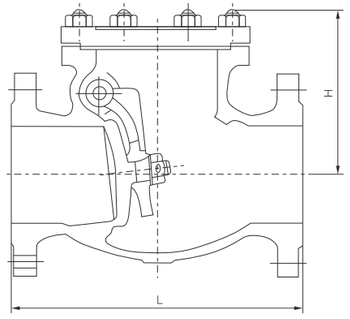
零件名称 Parts name	ZG1Cr18Ni9Ti系列	ZG00Cr18Ni10系列	ZG1Cr18Ni12Mo2Ti系列	ZG00Cr17Ni14Mo2系列	WCB系列
阀体/阀盖 Body/Bonnet	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12Mo2Ti	ZG00Cr17Ni14Mo2	WCB
阀杆Stem	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12Mo2Ti	ZG00Cr17Ni14Mo2	WCB
阀瓣Disc	ZG1Cr18Ni9Ti	ZG00Cr18Ni10	ZG1Cr18Ni12Mo2Ti	ZG00Cr17Ni14Mo2	WCB
垫片Gasket	304+PTFE	304+PTFE	316+PTFE	316L+PTFE	石墨Graphite+304
螺柱Stud	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	35CrMoA
螺母Nut	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	45

下展式放料阀 Put down feed valve

DN	上法兰Up flange		上法兰Up flange	下法兰Down flange	密封座 Sealed seat	
	D1	D2	D3	D4	D5	D6
25	115	85	135	100	70	40
32	135	100	145	110	75	55
40	145	110	160	125	100	65
50	165	125	180	145	85	70
65	180	145	195	160	135	90
80	195	160	215	180	155	130
100	215	180	245	210	195	135
125	245	210	280	245	180	145
150	280	240	335	295	210	185
200	335	295	405	355		

上展式放料阀 Put up feed valve

DN	上法兰Up flange		下法兰Down flange		密封座 Sealed seat	
	D1	D2	D3	D4	D5	D6
25	115	80	115	85		
32	135	100	135	100		
40	145	110	145	110	80	60
50	165	125	160	125	85	70
65	180	145	180	145	130	85
80	195	160	195	160	135	95
100	215	180	215	180	160	130
125	245	210	245	210	160	140
150	280	240	280	240	185	165
200	335	295	335	295		



应用规范

1、设计、制造按GB12236-2008
2、结构长度按GB12221-2005
3、连接法兰按JB/T79-1999
4、阀门检查和试验按API STD.598

Application Specification

1. Design manufacture according to GB12236-2008
2. Face to face according to GB12221-2005
3. End flange dimension according to JB/T79-1999
4. Valve inspection and test according to API STD.598

主要零件材料Main Parts Material

阀体 Body	阀盖 Bonnet	闸瓣 Disc	阀座 Seat	摇杆 Stem	销轴 Packing	适用介质 Applicable medium	适用温度(≤℃) Applicable temperature
WCB	WCB	WCB+Stellite 12	25+D507Mo	WCB	25Cr2Mo1VA	水 / 蒸汽 / 油品 Water / Steam / Oil	425
WC6	WC6	WC6+Stellite 12	WC6+Stellite6	WC6	25Cr2Mo1VA	水 / 蒸汽 / 油品 Water / Steam / Oil	540
WC9	WC9	WC9+Stellite 12	WC9+Stellite6	WC9	25Cr2Mo1VA	水 / 蒸汽 / 油品 Water / Steam / Oil	570
ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	ZG1Cr18Ni9Ti	1Cr18Ni9Ti	硝酸等腐蚀性介质 Corrosive medium like nitric acid	200
ZG1Cr18Ni12Mo2Ti	ZG1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	1Cr18Ni12Mo2Ti	醋酸等腐蚀性介质 Corrosive medium like acetic acid	200
ZG00Cr18Ni10	ZG00Cr18Ni10	ZG00Cr18Ni10	ZG00Cr18Ni10	ZG00Cr18Ni10	00Cr18Ni10	强氧化性介质 Medium with strong oxidizability	200
ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	ZG00Cr17Ni14Mo2	00Cr17Ni14Mo2	尿素等腐蚀性介质 Corrosive medium like urea	200

1.6MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500
L	mm	150	160	180	200	230	290	310	350	400	480	550	650	750	850	950	1150
H	mm	135	135	140	150	160	175	185	220	248	276	350	41	430	466	560	618
重量 Weight	kg	9	10	14	18	20.3	26	36	54.7	90.5	127.5	206	290	362	402	455	850

2.5MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500
L	mm	150	160	180	200	230	290	310	350	400	480	550	650	750	850	950	1150
H	mm	135	135	140	150	160	175	185	220	248	276	350	41	430	466	560	618
重量 Weight	kg	9	10	14	18	21.3	28.1	37.6	56.7	92	129.5	210	294	367	410	461	850

4.0MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500
L	mm	150	160	180	200	230	290	310	350	400	480	550	650	750	850	950	-
H	mm	135	135	280	312	321	325	355	415	460	510	700	975	1115	1250	1380	-
重量 Weight	kg	9	10	14	18	22	29	38	60.5	98	138.5	218	312	386	430	480	876

6.4MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	50	65	80	100	125	150	200	250	300	350	400	500
L	mm	300	340	380	430	500	550	650	775	900	1025	1150	1400
H	mm	192	207	207	235	265	297	357	405	465	514	568	620
重量 Weight	kg	-	-	-	-	-	-	-	-	-	-	-	-

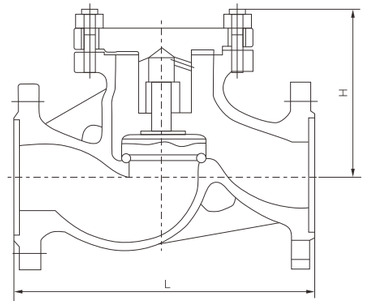
10.0MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	50	65	80	100	125	150	200	250	300
L	mm	300	340	380	430	500	550	650	775	900
H	mm	210	227	235	274	307	347	402	432	484
重量 Weight	kg	30	41	52	78	119	161	216	473	737

16.0MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	50	65	80	100	125	150	200
L	mm	300	340	380	430	500	550	650
H	mm	225	250	270	330	307	428	508
重量 Weight	kg	44	66	100	130	168	299	578

H41型升降止回阀
H41 Type lift check valve



应用规范
1、设计、制造按GB12236-2008
2、结构长度按GB12221-2005
3、连接法兰按JB/T79-1999
4、阀门检查和试验按API STD.598

Application Specification
1. Design manufacture according to GB12236-2008
2. Face to face according to GB12221-2005
3. End flange dimension according to JB/T79-1999
4. Valve inspection and test according to API STD.598

主体材质 Main material
CF8、CF3、CF8M、CF3M、WCB

1.6MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	–	–
H	mm	75	78	80	85	95	105	120	130	140	155	180	215	260	315	–	–
重量Weight	kg	3	4	5	7	9	10	20	30	39	50	70	161	251	395	–	–

2.5MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	–	–
H	mm	75	78	80	85	95	105	120	130	140	155	180	215	260	315	–	–
重量Weight	kg	3	4	5	7	9	10	20.5	32	42.5	58.5	88	182	288	425	–	–

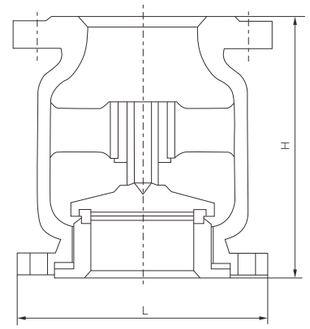
4.0MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	130	150	160	180	200	230	290	310	350	400	480	600	730	850	–	–
H	mm	85	88	90	95	110	125	140	150	160	185	220	250	295	375	–	–
重量Weight	kg	3.2	4.2	5.2	7.3	9.3	10	20.5	32	42.5	58.5	88	205	328	482	–	–

6.4MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	170	190	210	230	260	300	340	380	430	500	550	–	–	–	–	–
H	mm	110	110	125	152	168	170	188	205	230	–	–	–	–	–	–	–
重量Weight	kg	9	11	13	14	20	23	37	46	68	–	–	–	–	–	–	–

H42型升降止回阀
H42 Type lift check valve



应用规范
1、设计、制造按GB12236-2008
2、结构长度按GB12221-2005
3、连接法兰按JB/T79-1999
4、阀门检查和试验按API STD.598

Application Specification
1. Design manufacture according to GB12236-2008
2. Face to face according to GB12221-2005
3. End flange dimension according to JB/T79-1999
4. Valve inspection and test according to API STD.598

主体材质 Main material
CF8、CF3、CF8M、CF3M、WCB

1.6MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	80	90	100	110	120	140	160	185	210	275	300	380	–	–	–	–
D	mm	95	105	115	135	145	160	180	195	215	245	280	335	405	460	520	580
重量Weight	kg	–	–	–	–	–	7.9	11	12	19.5	36	47	65	–	–	–	–

2.5MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	80	90	100	110	120	140	160	185	210	275	300	380	–	–	–	–
D	mm	95	105	115	135	145	160	180	195	230	270	300	360	425	485	550	610
重量Weight	kg	–	–	–	–	–	7.9	11	12	20	38	48	70	–	–	–	–

4.0MPa 主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal diameter	DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	mm	105	105	105	150	160	170	180	200	210	275	300	380	–	–	–	–
D	mm	95	105	115	135	145	160	180	195	230	270	300	375	445	510	570	655
重量Weight	kg	–	–	–	–	–	7.9	11	12	20	38	48	70	–	–	–	–

压力等级Pressure: Class150~600

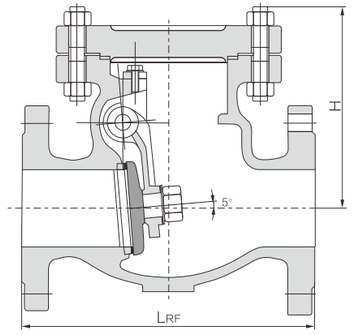
栓接阀盖 Bolted bonnet

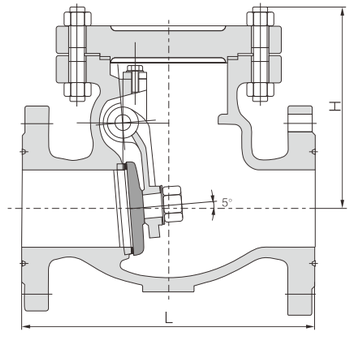
应用规范

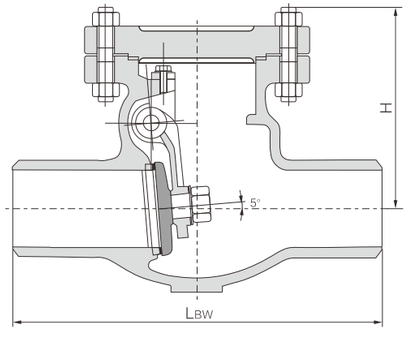
1、设计、制造按ANSI B16.34 BS1868
2、结构长度按ANSI B16.10
3、连接法兰按ANSI B16.5a
4、阀门检查和试验按API598

Application Specification

1. Design & manufacture according to ANSI B16.34 BS1868
2. Face to face according to ANSI B16.10
3. End flange dimension according to ANSI B16.5a
4. Valve inspection and test according to API598







主要外形连接尺寸和重量Main connection Dimensions & Weight

压力 Pressure	规格Size		尺寸Dimension(mm)				重量Weight(kg)		Cv
	mm	in	LRF	LBW	LRJ	H	RF	BW	
Class 150	40	11/2	165	165	178	147	13	9	–
	50	2	203	203	216	151	17	12	–
	65	21/2	216	216	229	164	23	15	–
	80	3	241	241	254	178	29	19	285
	100	4	292	292	305	190	40	27	520
	150	6	356	356	368	228	78	56	1245
	200	8	495	495	508	292	140	104	2280
	250	10	622	622	635	304	215	178	3570
	300	12	699	699	711	342	295	220	5300
	350	14	787	787	800	406	408	308	6500
	400	16	864	864	876	508	533	413	8615
	450	18	978	978	991	584	670	530	11500
	500	20	978	978	991	622	1000	830	14300
	600	24	1295	1295	1308	711	1950	1710	20865
	650	26	1295	1295	–	762	2300	2035	25165
	700	28	1448	1448	–	838	2500	2190	29513
	750	30	1524	1524	–	889	2600	2244	33910
	800	32	1727	1727	–	1016	2800	2345	43130
	900	36	1955	1955	–	1092	3200	2613	61570
Class 300	40	11/2	241	241	254	155	17	11	–
	50	2	267	267	283	161	20	12	–
	65	21/2	292	292	308	175	24	15	–
	80	3	318	318	333	203	45	29	285
	100	4	356	356	371	228	65	41	515
	150	6	445	445	460	279	115	75	1245
	200	8	533	533	549	342	215	156	2285
	250	10	622	622	638	381	310	220	3575
	300	12	711	711	727	431	470	350	5345
	350	14	838	838	854	482	550	386	6510
	400	16	864	864	879	508	870	574	8620
	450	18	978	978	994	584	1025	855	11155
	500	20	1016	1016	1035	660	1500	1175	13935
	600	24	1346	1346	1368	762	2500	2030	20420
	650	26	1346	1346	1372	762	2800	2275	25000
	700	28	1499	1499	1524	889	3000	2404	28750
	750	30	1594	1594	1619	977	3400	2710	33910
	800	32	1727	1727	–	1016	3700	2897	42230
	900	36	2083	2083	–	1143	4300	3330	61570
Class 600	50	2	292	292	295	161	34	25	–
	65	21/2	330	330	333	175	45	33	–
	80	3	356	356	359	203	60	44	285
	100	4	432	432	435	228	95	64	520
	150	6	559	559	562	304	200	134	1245
	200	8	660	660	664	406	275	175	2210
	250	10	787	787	791	469	450	280	3600
	300	12	838	838	841	533	615	415	6120
	350	14	889	889	892	609	850	550	6150
	400	16	991	991	994	660	1150	720	8070
	450	18	1092	1092	1095	774	1620	1120	10510
	500	20	1194	1194	1200	889	2000	1400	12855
	600	24	1397	1397	1407	965	3100	2220	18680
	650	26	1448	1448	1461	1016	3800	3010	24600
	700	28	1600	1600	1613	1066	4600	3724	29950
	750	30	1651	1651	1664	1168	5500	4528	34680

压力等级Pressure: Class600~2500

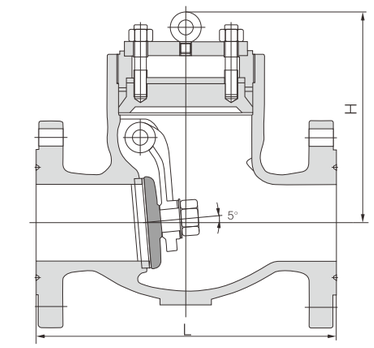
压力密封阀盖 Pressure sealed bonnet

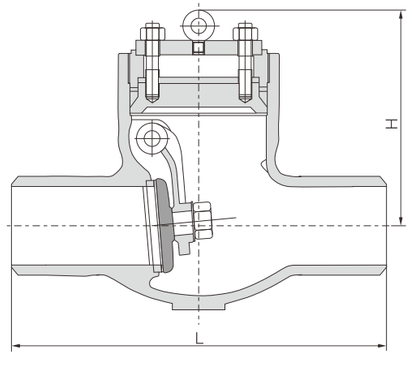
应用规范

1、设计、制造按ANSI B16.34 BS1868
2、结构长度按ANSI B16.10
3、连接法兰按ANSI B16.5a
4、阀门检查和试验按API598

Application Specification

1. Design & manufacture according to ANSI B16.34 BS1868
2. Face to face according to ANSI B16.10
3. End flange dimension according to ANSI B16.5a
4. Valve inspection and test according to API598



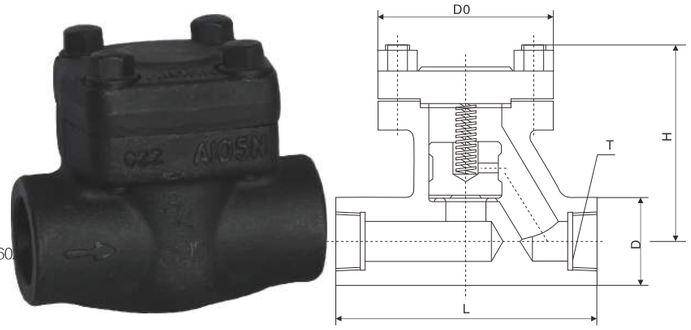


主要外形连接尺寸和重量Main Connection Dimensions & Weight

压力 Pressure	规格Size		尺寸Dimension(mm)				重量Weight(kg)		Cv
	mm	in	LRF	LBW	LRJ	H	RF	BW	
Class 600	50	2	292	178	295	225	30	22	–
	65	21/2	330	216	333	240	42	30	–
	80	3	356	254	359	254	64	48	285
	100	4	432	305	435	279	100	67	520
	150	6	559	457	562	368	176	110	1245
	200	8	660	584	664	393	305	205	2210
	250	10	787	711	791	457	495	325	3400
	300	12	838	812	841	584	680	480	5120
	350	14	889	889	892	609	914	600	6150
	400	16	991	991	994	685	1236	800	8070
	450	18	1092	1092	1095	736	1994	1490	10510
	500	20	1194	1194	1200	762	2293	1675	12855
	600	24	1397	1397	1407	889	3180	2300	18680
	650	26	1448	1448	1461	1016	3500	2710	24600
	700	28	1600	1600	1613	1066	4001	3125	29950
	750	30	1651	1651	1664	1168	4686	3710	34680
Class 900	50	2	368	216	371	225	40	30	–
	65	21/2	419	254	422	240	60	39	–
	80	3	381	305	384	254	116	90	260
	100	4	457	365	460	279	146	100	485
	150	6	610	508	613	381	345	245	1140
	200	8	737	660	740	533	595	425	2010
	250	10	838	787	841	558	915	675	3140
	300	12	965	914	968	609	1230	900	4590
	350	14	1029	991	1038	736	1635	1125	5565
	400	16	1130	1092	1140	762	2220	1600	7270
	450	18	1219	1219	1232	863	2840	2000	9575
	500	20	1321	1321	1334	939	3756	2700	11820
	600	24	1549	1549	1568	1066	6000	4100	17020
	650	26	1701	1701	1723	1143	6375	5100	–
	700	28	1828	1828	1850	1193	7229	5750	–
	750	30	2032	2032	2054	1270	8232	6510	–
Class 1500	50	2	368	216	371	225	68	48	–
	65	21/2	419	254	422	240	97	65	–
	80	3	470	305	473	254	112	90	240
	100	4	546	405	549	279	177	115	425
	150	6	705	559	711	405	395	250	1000
	200	8	832	711	841	567	710	470	1750
	250	10	991	864	1000	585	1210	800	2735
	300	12	1130	991	1146	630	1970	1350	3990
	350	14	1257	1067	1276	750	2600	1800	4800
	400	16	1384	1194	1407	787	3250	2200	6265
	450	18	1537	1537	1559	885	3960	2600	8255
	500	20	1664	1664	1686	960	4400	2700	10350
	600	24	1943	1943	1972	1120	6800	4100	14865
Class 2500	50	2	451	279	454	225	118	80	–
	65	21/2	508	330	514	249	150	102	–
	80	3	578	368	584	254	204	120	115
	100	4	673	457	683	279	352	220	195
	150	6	914	610	927	420	880	540	475
	200	8	1022	762	1038	570	1440	920	850
	250	10	1270	914	1292	1010	2652	1692	1350
	300	12	1422	1041	1445	1160	3756	2296	1970

内螺纹升降式锻钢止回阀
Female thread lift-type forged steel check valve

应用规范
1、设计、制造按ANSI B16.34;API 600; API 602
2、连接端尺寸:
(1)承插孔尺寸按ANSI B16.11,JIS B2306
(2)螺纹端尺寸按ANSI B1.20, ISO7/1,JIS B0203
3、阀门检查和试验按API 598
4、结构特征：B.B；OS&Y或W.B;OS&Y
5、材料：按ANSI/ASTM的规定
6、主体材料：A105,F5,F11,F22,304,304L,316,316L,LF2等



Application Specification
1.Design & manufacture according to ANSI B16.34;API600; API60
2.Dimensions of connection end:
(1)Socket bore dimensions to ANSI B16.11,JIS B2306
(2)End of thread dimensions to ANSI B1.20, ISO7/1,JIS B0203
3.Valve inspection and test according to API 598
4.Structure:B.B; OS&Y or W.B; OS&Y
5.Material:according to ANSI/ASTM
6.Main material:A105,F5,F11,F22,304,304L,316,316L,LF2 etc.

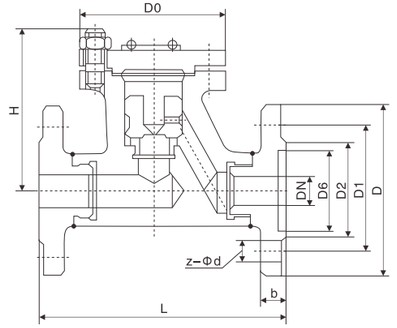
PN1.6、2.5、4.0MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	锥管螺纹 MRC/in	尺寸Dimension（mm）				重量(kg) Weight
		L	D	D0	H	
15	RC1/2	79	34	90	77	2.0
20	RC3/4	92	40	100	77	2.5
25	RC1	111	48	105	80	6
32	RC1 1/4	120	58	125	85	4
40	RC1 ½	152	67	135	95	6
50	RC2	172	77	150	105	9

PN6.4、10.0、16.0MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	锥管螺纹 MRC/in	尺寸Dimension（mm）				重量(kg) Weight
		L	D	D0	H	
15	RC1/2	110	34	95	77	2.5
20	RC3/4	130	40	105	77	3
25	RC1	140	48	110	80	3.5
32	RC1 1/4	160	58	135	85	4.5
40	RC1 ½	180	67	140	95	6.5
50	RC2	200	77	155	105	9.5

升降式锻钢止回阀
Lift-type forged steel check valve



应用规范
1、设计、制造按GB12235-2008
2、结构长度按GB12221
3、连接法兰按JB79
4、阀门检查和试验按API 598
5、结构特征：B.B；升降式
6、主体材料：A105；F5；F11；304；304L；316；316L；LF2等

Application Specification
1. Design & manufacture according to GB12235-2008
2. Face to face according to GB12221
3. Flange ends according to JB79
4. Valve inspection and test according to API 598
5. Structure: B.B; lift
6. Main material: A105; F5; F11; 304; 304L; 316; 316L; LF2 etc.

PN1.6MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	尺寸Dimension（mm）							重量(kg) Weight
	L	D	D1	D2	z-Φd	b-f	H	
10	130	90	60	40	4-14	16-2	77	3
15	130	95	65	45	4-14	14-2	77	3
20	150	105	75	55	4-14	14-2	77	4
25	160	115	85	65	4-14	14-2	80	5
32	180	135	100	78	4-18	16-2	85	7
40	200	145	110	85	4-18	16-2	95	9
50	230	160	125	100	4-18	16-2	105	10

PN2.5MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	尺寸Dimension（mm）							重量(kg) Weight
	L	D	D1	D2	z-Φd	b-f	H	
10	130	90	60	40	4-14	16-2	80	3
15	130	95	65	45	4-14	16-2	80	3.4
20	150	105	75	55	4-14	16-2	100	5
25	160	115	85	65	4-14	16-2	110	5.6
32	180	135	100	78	4-18	18-2	120	9.1
40	200	145	110	85	4-18	18-2	140	11.8
50	230	160	125	100	4-18	20-2	145	14.4

PN4.0MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	尺寸Dimension（mm）								重量(kg) Weight
	L	D	D1	D2	D3	z-Φd	b-f	H	
10	130	90	60	40	-	4-14	16-2	80	3
15	130	95	65	45	40	4-14	16-2	80	3.4
20	150	105	75	55	51	4-14	16-2	100	5
25	160	115	85	65	58	4-14	16-2	110	5.6
32	180	135	100	78	66	4-18	18-2	120	9.1
40	200	145	110	85	76	4-18	18-2	140	11.8
50	230	160	125	100	88	4-18	20-2	145	14.4

PN6.4MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

公称通径 Nominal Diameter	尺寸Dimension（mm）								重量(kg) Weight
	L	D	D1	D2	D3	z-Φd	b-f	H	
10	170	100	70	50	-	4-14	18-2	85	5.5
15	170	105	75	55	40	4-14	18-2	85	7
20	190	125	90	68	51	4-18	20-2	110	11
25	210	135	100	78	58	4-18	22-2	125	13
32	230	150	110	82	66	4-23	24-2	152	14
40	260	165	125	95	76	4-23	24-3	168	20
50	300	175	135	105	88	4-23	26-3	170	23

PN10.4MPa主要连接尺寸及重量 Main Connection Dimensions and Weight

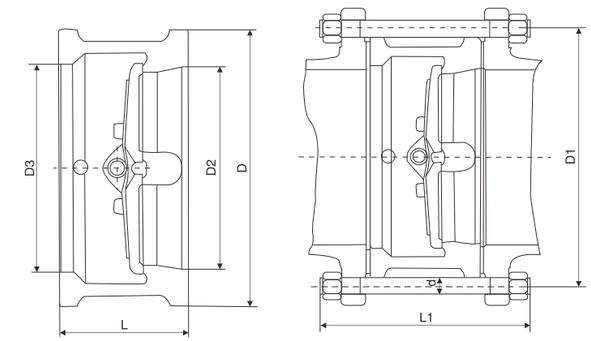
公称通径 Nominal Diameter	尺寸Dimension（mm）								重量(kg) Weight
	L	D	D1	D2	D3	z-Φd	b-f	H	
10	170	100	70	50	-	4-14	20-2	85	5.5
15	170	105	75	55	40	4-14	20-2	85	7
20	190	125	90	68	51	4-18	22-2	110	11
25	210	135	100	78	58	4-18	24-2	125	13
32	230	150	110	82	66	4-23	24-2	152	14
40	260	165	125	95	76	4-23	26-2	170	25
50	300	195	145	112	88	4-25	28-3	185	28

应用规范

1、设计、制造按GB1588.2-1994 API 594-2010
2、结构长度按GB/T12221-2005 API 594-2010
3、连接法兰按GB/T9113-2000 ANSIB16.1-2005
4、阀门检查和试验按GB13927-2008 API598-2009

Application Specification

1. Design & manufacture according to GB1588.2-1994 API 594-2010
2. Face to face according to GB/T12221-2005 API 594-2010
3. End flange dimension according to GB/T9113-2000 ANSIB16.1-2005
4. Valve inspection and test according to GB13927-2008 API598-2009



主要外形尺寸及重量 Main Dimensions and Weight

公称压力 PN(MPa)	公称通径 DN(mm)	尺寸Dimension（mm）				重量(kg) Weight	配管法兰(供参考) Pipeline flange(FYI)			
		L	D	D3	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Diameter of the bolt	螺栓长度L1 Length of bolt
1.0	50	60	108	56	51	2	125	4	M16	150
	65	67	128	73	65	3	145	4	M16	155
	80	73	142	88	80	4	160	8	M16	160
	100	73	162	108	102	6	180	8	M16	165
	125	83	192	132	127	8	210	8	M16	180
	150	98	218	160	152	13	240	8	M20	205
	200	127	273	210	203	24	295	8	M20	235
	250	146	328	266	254	35	350	12	M20	255
	300	181	378	310	305	48	400	12	M20	290
	350	184	438	355	350	78	460	16	M20	295
	400	198	489	405	400	106	515	16	M24	310
	450	203	539	455	450	135	565	20	M24	325
	500	219	594	505	500	165	620	20	M24	345
	600	222	696	605	600	260	725	20	M27	355
	700	305	811	700	695	360	840	24	M27	440
	800	305	918	800	796	540	950	24	M30	450
	900	368	1018	903	898	620	1050	28	M30	520
	1000	432	1124	1055	1050	880	1160	28	M33	590
	1200	524	1340	1205	1200	1380	1380	32	M36	695
1.6	50	60	108	56	51	2	125	4	M16	150
	65	67	128	73	65	3	145	4	M16	155
	80	73	142	88	80	4	160	8	M16	160
	100	73	162	108	105	6	180	8	M16	165
	125	83	192	132	127	8	210	8	M16	180
	150	98	218	160	152	13	240	8	M20	205
	200	127	273	210	203	24	295	12	M20	235
	250	146	329	266	254	37	355	12	M24	265
	300	181	383	310	305	50	410	12	M24	305
	350	184	444	355	350	80	470	16	M24	310
	400	198	498	405	400	110	525	16	M27	330
	450	203	558	455	450	145	585	20	M27	345
	500	219	618	505	500	180	650	20	M30	370
	600	222	732	605	600	280	770	20	M33	380
	700	305	802	700	695	380	840	24	M33	470
	800	305	912	800	796	560	950	24	M36	475
	900	368	1012	903	898	640	1050	28	M36	545
	1000	432	1126	1055	1050	900	1170	28	M39	620
	1200	524	1340	1205	1200	1400	1390	32	M45	735

止回阀 Check Valve

主要外形尺寸和重量Main Dimensions & Weight

公称压力 PN(MPa)	公称通径 DN(mm)	尺寸Dimension（mm）				重量(kg) Weight	配管法兰(供参考) Pipeline flange(FYI)			
		L	D	D3	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Diameter of the bolt	螺栓长度L1 Length of bolt
2.5	50	60	108	56	51	2	125	4	M16	150
	65	67	128	73	65	3	145	8	M16	160
	80	73	142	88	80	4	160	8	M16	170
	100	73	168	108	102	6	190	8	M20	180
	125	83	194	132	127	8	220	8	M24	205
	150	98	224	160	152	14	250	8	M24	220
	200	127	284	210	203	27	310	12	M24	255
	250	146	341	266	254	42	370	12	M27	285
	300	181	401	310	305	54	430	16	M27	325
	350	184	458	355	350	86	490	16	M30	340
	400	198	515	405	400	120	550	16	M33	360
	450	203	565	455	450	150	600	20	M33	375
	500	219	622	505	500	200	660	20	M33	395
	600	222	732	605	600	340	770	20	M36	410
	700	305	831	700	695	400	875	24	M39	500
	800	305	942	800	796	580	990	24	M45	520
	900	368	1040	903	898	660	1090	28	M45	590
	1000	432	1155	1055	1050	960	1210	28	M52	675
	1200	524	1365	1205	1200	1440	1420	32	M52	790
4.0	50	60	108	58	51	3	125	4	M16	150
	65	67	128	73	65	4	145	8	M16	160
	80	73	142	88	80	6	160	8	M16	170
	100	73	168	108	102	8	190	8	M20	180
	125	83	194	132	127	13	220	8	M24	205
	150	98	224	160	152	16	250	8	M24	220
	200	127	291	210	203	28	320	12	M27	270
	250	146	353	266	254	49	385	12	M30	300
	300	181	418	310	305	76	405	16	M30	345
	350	222	475	355	350	114	510	16	M33	400
	400	232	547	405	400	190	585	16	M36	425
	450	264	572	455	450	200	610	20	M36	470
	500	292	626	505	500	260	670	20	M39	505
	600	318	745	608	600	404	795	20	M45	575
6.4	50	60	114	58	51	4	135	4	M20	170
	65	67	138	73	65	5	160	8	M20	180
	80	73	148	88	80	7	170	8	M20	190
	100	79	174	108	102	10	200	8	M24	210
	125	105	211	132	127	16	240	8	M27	250
	150	135	248	162	152	20	280	8	M30	290
	200	165	310	212	200	38	345	12	M33	340
	250	213	362	266	250	62	400	12	M33	400
	300	229	422	310	305	100	460	16	M33	420
	350	273	487	355	350	160	525	16	M36	480
	400	305	541	405	400	260	585	16	M39	530

主要外形尺寸和重量Main Dimensions & Weight

公称压力 PN(MPa)	公称通径 DN(mm)	尺寸Dimension（mm）				重量(kg) Weight	配管法兰(供参考) Pipeline flange(FYI)			
		L	D	D3	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Diameter of the bolt	螺栓长度L1 Length of bolt
10.0	50	60	120	58	51	5	145	4	M24	190
	65	67	144	73	65	7	170	8	M24	200
	80	73	154	88	80	10	180	8	M24	210
	100	79	181	108	102	12	210	8	M27	230
	125	105	218	132	127	19	250	8	M30	270
	150	136	258	162	152	25	290	12	M30	310
	200	165	324	212	200	56	360	12	M33	360
	250	213	392	266	250	94	430	12	M36	430
	300	229	456	312	305	142	500	16	M39	470
	350	273	510	355	350	230	560	16	M45	540
	400	305	570	405	400	366	620	16	M45	590
16.0	50	70	142	56	51	8	165	8	M22	220
	65	83	162	73	65	11	190	8	M27	260
	80	83	176	90	80	16	205	8	M27	265
	100	102	208	108	102	19	240	8	M30	295
	125	110	247	136	127	33	285	8	M36	350
	150	159	280	162	150	40	318	12	M36	405
	200	206	356	212	203	84	400	12	M42	490
	250	241	435	266	250	146	485	12	M48	555
	300	292	520	312	305	230	570	16	M48	640
20.0	50	70	136	56	51	8	160	8	M22	230
	65	83	174	73	65	16	203	8	M27	270
	80	83	195	90	80	22	230	8	M30	285
	100	102	254	108	102	35	292	8	M36	345
	125	110	280	136	127	50	318	12	M36	375
	150	159	316	162	152	78	360	12	M42	450
	200	206	390	212	203	120	440	12	M48	530
	250	248	518	266	254	220	572	16	M52	625
25.0	50	70	124	56	51	8	150	8	M24	230
	65	83	154	73	65	14	180	8	M24	250
	80	83	171	90	80	20	200	8	M27	265
	100	102	203	108	102	28	235	8	M30	305
	125	110	243	136	127	44	275	12	M30	325
	150	159	285	162	152	70	320	12	M33	405
	200	206	359	212	203	110	400	12	M36	490
	250	248	443	266	254	200	490	16	M45	580
	300	305	540	312	305	350	590	16	M48	695

止回阀 Check Valve

主要外形尺寸和重量Main Dimensions & Weight

压力级 Pressure class	口径Bore		尺寸Dimension（mm）				重量(kg) Weight	配管法兰(供参考) Pipeline flange(FYI)				
	NPS	DN	L	D	D3	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Diameter of the bolt		螺栓长度L1 Length of bolt
										in	mm	
Class 150 PN2.0 MPa	1 1/2	40	60	83	45	38	2	98.5	4	1/2	M14	145
	2	50	60	103	56	51	2	120.5	4	5/8	M16	155
	2 1/2	65	67	122	73	65	3	139.5	4	5/8	M16	165
	3	80	73	135	88	80	4	152.5	4	5/8	M16	175
	4	100	73	173	108	102	6	190.5	8	5/8	M16	185
	5	125	86	195	132	127	8	216.5	8	3/4	M20	205
	6	150	98	220	160	152	13	241.5	8	3/4	M20	220
	8	200	127	277	210	203	25	298.5	8	3/4	M20	225
	10	250	146	337	266	254	39	362.0	12	7/8	M24	285
	12	300	181	407	310	305	54	432.0	12	7/8	M24	325
	14	350	184	448	355	350	80	476.0	12	1	M27	340
	16	400	191	512	405	400	117	540.0	16	1	M27	355
	18	450	203	547	455	450	138	578.0	16	1 1/8	M30	380
	20	500	219	604	505	500	163	635.0	20	1 1/8	M30	400
	24	600	222	715	605	600	331	749.5	20	1 1/4	M33	420
	26	650	222	722	650	630	360	744.5	36	3/4	M20	–
	28	700	305	773	700	700	380	795.5	40	3/4	M20	–
	30	750	305	824	750	746	425	846.0	44	3/4	M20	–
	32	800	305	878	800	796	560	900.0	48	3/4	M20	–
	36	900	368	983	894	874	640	1009.5	44	7/8	M24	–
	40	1000	432	1090	985	976	870	1120.5	44	1	M27	–
	42	1050	432	1142	1055	1050	960	1171.5	48	1	M27	–
	44	1100	432	1193	1070	1070	1150	1222	52	1	M27	–
	48	1200	524	1302	1205	1200	1400	1335.0	44	1 1/8	M30	–
	54	1350	591	1460	1315	1312	2245	1492	56	1 1/8	M30	–
	56	1400	591	1512	1370	1360	2830	1543	60	1 1/8	M30	–
	60	1500	660	1628	1470	1458	3200	1662	52	1 1/4	M33	–
	66	1650	787	1881	1663	1630	5345	1930.5	52	1 1/4	M45×3	–
	72	1800	851	2046	1818	1780	6100	2095.5	60	1 1/4	M45×3	–
	78	1950	927	2204	1973	1930	8185	2260.5	64	2	M52×3	–
	84	2100	1041	2369	2115	2080	10220	2425.0	64	2	M52×3	–

H76型对夹双瓣旋启式止回阀
H76 Wafer type double disc swing check valve

主要外形尺寸和重量Main Dimensions & Weight

压力级 Pressure class	口径Bore		尺寸Dimension（mm）				重量(kg) Weight	配管法兰(供参考) Pipeline flange(FYI)				
	NPS	DN	L	D	D3	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Diameter of the bolt		螺栓长度L1 Length of bolt
										in	mm	
Class 300 PN5.0 MPa	2	50	60	110	58	51	3	127.0	8	5/8	M16	175
	2 1/2	65	67	128	73	65	4	149.0	8	3/4	M20	195
	3	80	73	147	88	80	6	168.5	8	3/4	M20	210
	4	100	73	179	108	102	8	200.0	8	3/4	M20	215
	5	125	86	214	132	127	15	235.0	8	3/4	M20	235
	6	150	98	249	160	152	18	270.0	12	3/4	M20	250
	8	200	127	305	210	203	31	330.0	12	7/8	M24	300
	10	250	146	359	266	254	51	387.5	16	1	M27	335
	12	300	181	420	310	305	77	451.0	16	1 1/8	M30	385
	14	350	222	478	355	350	117	514.5	20	1 1/8	M30	430
	16	400	232	537	405	400	190	571.5	20	1 1/4	M33	455
	18	450	264	594	455	450	200	628.5	24	1 1/4	M33	495
	20	500	292	652	505	500	265	686.0	24	1 1/4	M33	535
	24	600	318	772	608	600	410	813.0	24	1 1/2	M39×3	585
	26	650	356	767	640	633	565	803	32	1 1/4	M33	–
	28	700	368	821	685	685	585	587	36	1 1/4	M33	–
	30	750	368	882	740	735	660	921.0	36	1 3/8	M36×3	–
	32	800	368	936	784	784	970	978	32	1 1/2	M39×3	–
	36	900	483	1044	880	873	1020	1089.0	32	1 5/8	M42×3	–
	40	1000	546	1146	985	976	1420	1191	40	1 5/8	M43×3	–
	42	1050	568	1196	1045	1035	1540	1244.5	36	13/4	M45×3	–
	48	1200	629	1365	1190	1166	2260	1415.0	40	1 7/8	M48×3	–
	54	1350	718	1526	1315	1312	3102	1578	48	1 7/8	M48×3	–
	60	1500	838	1704	1470	1458	4315	1768	40	2 1/4	M56×3	–
Class 600 PN11.0 MPa	2	50	60	110	58	51	4	127.0	8	5/8	M16	180
	2 1/2	65	67	128	73	65	5	149.0	8	3/4	M20	200
	3	80	73	147	88	80	8	168.5	8	3/4	M20	215
	4	100	79	191	108	102	11	216.0	8	7/8	M24	240
	5	125	105	239	136	127	20	267.0	8	1	M27	285
	6	150	136	264	162	152	26	292.0	12	1	M27	325
	8	200	165	318	212	200	55	349.0	12	1 1/8	M30	375
	10	250	213	398	266	250	95	432.0	16	1 1/4	M33	445
	12	300	229	455	312	305	140	489.0	20	1 1/4	M33	465
	14	350	273	490	355	337	223	527.0	20	1 3/8	M36×3	525
	16	400	305	562	400	387	360	603.0	20	1 1/2	M39×3	580
	18	450	362	610	450	438	395	654.0	20	1 5/8	M42×3	655
	20	500	368	680	500	489	518	724.0	24	1 5/8	M42×3	670
	24	600	438	786	600	591	836	838.0	24	1 7/8	M48×3	795
	26	650	457	457	640	633	980	914.5	28	1 7/8	M48×3	810
	28	700	483	483	690	684	1250	968	28	2	M52×3	850
	30	750	505	505	740	735	1420	1022.5	28	2	M52×3	905
	32	800	533	533	784	779	1700	1079.5	28	2 1/4	M56×3	925
	36	900	635	635	880	874	2200	1194	28	2 1/2	M64×3	1055
	40	1000	660	660	985	976	2650	1213	32	2 1/4	M56×3	–
	42	1050	702	702	1030	1020	3135	1283	28	2 1/2	M64×3	–
	48	1200	787	787	1170	1166	3755	1460.5	32	2 3/4	M70×3	–

止回阀 Check Valve

H76型对夹双瓣旋启式止回阀
H76 Wafer type double disc swing check valve

主要外形尺寸和重量Main Dimensions & Weight

压力级 Pressure class	口径Bore		尺寸Dimension（mm）				重量(kg) Weight	配管法兰(供参考) Pipeline flange(FYI)				
	NPS	DN	L	D	D3	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Diameter of the bolt		螺栓长度L1 Length of bolt
										in	mm	
Class 900 PN15.0 MPa	2	50	70	140	58	51	8	165.0	8	7/8	M24	230
	2 1/ 2	65	83	162	73	65	11	170.5	8	1	M27	255
	3	80	83	165	90	80	14	190.5	8	7/8	M24	245
	4	100	102	204	108	102	20	235.0	8	1 1/8	M30	290
	5	125	110	245	136	127	30	279.5	8	1 1/4	M33	315
	6	150	159	286	162	150	42	317.5	12	1 1/8	M30	370
	8	200	206	356	212	200	84	393.5	12	1 3/8	M36 × 3	445
	10	250	241	432	266	250	145	470.0	16	1 3/8	M36 × 3	495
	12	300	292	495	312	305	220	533.5	20	1 3/8	M36 × 3	565
	14	350	356	518	355	337	350	559.0	20	1 1/ 2	M39 × 3	655
	16	400	384	572	400	387	470	616.0	20	1 5/8	M42 × 3	695
	18	450	451	635	450	438	605	686.0	20	1 7/8	M48 × 3	805
	20	500	451	695	496	487	820	749.5	20	2	M52 × 3	825
	24	600	495	835	600	591	1050	901.5	20	2 1/ 2	M64 × 3	965
	26	650	533	879	630	617	1200	952.0	20	2 3/4	M70 × 3	995
	28	700	572	943	680	665	1460	1022.5	20	3	M76 × 3	1055
	30	750	635	1006	735	712	1600	1086	20	3	M76 × 3	1130
	32	800	660	1070	784	760	2050	1155.5	20	3 1/4	M82 × 3	1185
	36	900	718	1195	865	855	2607	1289	20	3 1/ 2	M90 × 3	1285
	40	1000	762	1246	965	950	2930	1340	24	3 1/ 2	M90 × 3	–
	42	1050	787	1296	1015	995	3310	1390.5	24	3 1/ 2	M90 × 3	–
	48	1200	851	1483	1160	1140	4415	1587.5	24	4	M100 × 3	–
Class 1500 PN26.0 MPa	2	50	70	140	58	51	8	165.0	8	7/8	M24	230
	2 1/ 2	65	83	162	73	65	11	190.5	8	1	M27	255
	3	80	83	172	90	80	19	203.0	8	1 1/ 8	M30	275
	4	100	102	207	108	102	26	241.5	8	1 1/4	M33	315
	5	125	110	252	136	127	51	292.0	8	1 1/ 2	M39 × 3	375
	6	150	159	280	162	150	68	317.5	12	1 3/8	M36 × 3	440
	8	200	206	350	212	200	130	393.5	12	1 5/8	M42 × 3	520
	10	250	248	433	266	254	210	482.5	12	1 7/8	M48 × 3	610
	12	300	305	518	312	305	384	571.5	16	2	M52 × 3	715
	14	350	356	576	355	337	550	635.0	16	2 1/4	M56 × 3	800
	16	400	384	639	400	387	635	705.0	16	2 1/ 2	M64 × 3	880
	18	450	468	701	438	430	790	774.5	16	1 3/4	M70 × 3	950
	20	500	533	756	487	478	1275	832	16	3	M76 × 3	1095
	24	600	559	897	578	570	2710	990.5	16	3 1/ 2	M90 × 3	1205
Class 2500 PN42.0 MPa	2	50	70	143	48	42	10	171.5	8	1	M27	260
	2 1/ 2	65	83	166	58	52	18	197.0	8	1 1/8	M30	305
	3	80	86	194	68	62	26	228.5	8	1 1/7	M33	330
	4	100	105	232	94	88	40	273.0	8	1 1/ 2	M39 × 3	380
	5	125	110	270	106	100	59	324.0	8	1 3/4	M45 × 3	435
	6	150	159	315	162	150	90	368.5	8	2	M52 × 3	530
	8	200	206	385	186	180	150	438.0	12	2	M52 × 3	620
	10	250	254	474	232	225	240	539.5	12	2 1/ 2	M64 × 3	775
	12	300	305	547	272	266	440	619.0	12	2 3/4	M70 × 3	882

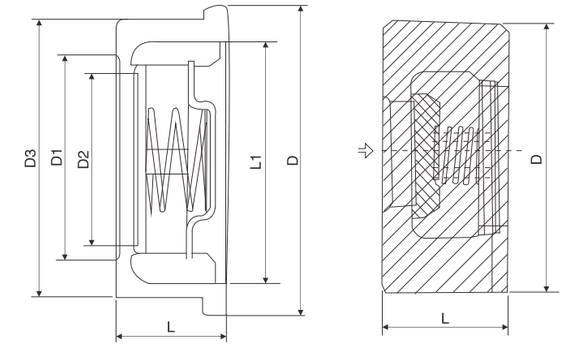
H71型对夹升降式止回阀
H71 Wafer type lift check valve

应用规范

1、设计、制造按GB1588.2-1994 API 594-2010
2、结构长度按GB/T12221-2005 API 594-2010
3、连接法兰按GB/T9113-2000 ANSIB16.1-2005
4、阀门检查和试验按GB13927-2008 API598-2009

Application Specification

1. Design manufacture according to GB1588.2-1994 API 594-2010
2. Face to face according to GB/T12221-2005 API 594-2010
3. End flange dimension according to GB/T9113-2000 ANSIB16.1-2005
4. Valve inspection and test according to GB13927-2008 API598-2009



主要外形尺寸和重量Main Dimensions & Weight

公称压力 PN(MPa)	公称通径 DN(mm)	尺寸Dimension（mm）			重量(kg) Weight	配管法兰(供参考) Pipeline flange(FYI)			
		L	D	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Diameter of the bolt	螺栓长度L1 Length of bolt
1.0 1.6	15	16	52	15	0.12	65	4	M12	75
	20	19	62	19	0.24	75	4	M12	90
	25	22	72	24	0.34	85	4	M12	90
	32	28	83	31	0.53	100	4	M16	100
	40	31.5	93	39	0.80	110	4	M16	105
	50	40	108	48	1.2	125	4	M16	125
	65	46	128	63	2.2	145	4	M16	130
	80	50	142	78	3.1	160	8	M16	135
	100	60	162	98	5.7	180	8	M16	150
	125	90	192	123	10	210	8	M16	180
	150	106	218	148	14	240	8	M20	210
	200	140	273	198	24	295	8	M20	240
	250	160	328	248	35	350	12	M20	260
2.5	15	16	52	15	0.12	65	4	M12	80
	20	19	62	19	0.24	75	4	M12	90
	25	22	72	24	0.34	85	4	M12	90
	32	28	83	31	0.53	100	4	M16	110
	40	31.5	93	39	0.80	110	4	M16	115
	50	40	108	48	1.2	125	4	M16	125
	65	46	128	63	2.2	145	8	M16	135
	80	50	142	78	3.1	160	8	M16	145
	100	60	168	98	7.0	190	8	M20	160
	125	90	194	123	12	220	8	M24	205
	150	106	224	148	15	250	8	M24	225
	200	140	284	198	26	310	12	M24	260
	250	160	341	248	40	370	12	M27	280
4.0	15	16	52	15	0.12	65	4	M12	80
	20	19	62	19	0.24	75	4	M12	90
	25	22	72	24	0.34	85	4	M12	90
	32	28	83	31	0.53	100	4	M16	110
	40	31.5	93	39	0.80	110	4	M16	115
	50	40	108	48	1.2	125	4	M16	125
	65	46	128	63	2.2	145	8	M16	135
	80	50	142	78	3.1	160	8	M16	145
	100	60	168	98	9	190	8	M20	160
	125	90	196	123	14	220	8	M24	205
	150	106	224	148	18	250	8	M24	225
	200	140	291	198	28	320	12	M27	275
	250	160	353	248	42	385	12	M30	295

主要外形尺寸和重量Main Dimensions & Weight

公称压力 PN(MPa)	公称通径 DN(mm)	尺寸Dimension（mm）			重量(kg) Weight	配管法兰(供参考) Pipeline flange(FYI)			
		L	D	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Diameter of the bolt	螺栓长度L1 Length of bolt
6.4	15	25	62	15	0.5	75	4	M12	100
	20	31.5	73	19	0.7	90	4	M16	115
	25	35.5	83	24	1.0	100	4	M16	130
	32	40	89	31	1.3	110	4	M20	140
	40	45	104	39	2.0	125	4	M20	150
	50	56	114	48	3.2	135	4	M20	160
	65	63	138	63	4.5	160	8	M20	170
	80	71	148	78	5	170	8	M20	180
	100	80	174	98	7	200	8	M24	200
	125	110	211	123	13	240	8	M27	245
	150	125	248	148	22	280	8	M30	270
	200	160	310	198	40	345	12	M33	325
	250	180	362	248	60	400	12	M33	350
10.0	15	25	62	15	0.6	75	4	M12	100
	20	31.5	73	19	1.0	90	4	M16	115
	25	35.5	83	24	1.3	100	4	M16	130
	32	40	89	31	1.6	110	4	M20	140
	40	45	104	39	2.5	125	4	M20	150
	50	56	120	48	3.8	145	4	M24	172
	65	63	144	63	6	170	8	M24	185
	80	71	154	78	7	180	8	M24	195
	100	80	181	98	10	210	8	M27	220
	125	110	218	123	18	250	8	M30	265
	150	125	258	148	30	290	12	M30	285
	200	160	324	198	56	360	12	M33	345
16.0	15	25	58	15	0.6	75	4	M16	105
	20	31.5	69	19	0.9	90	4	M20	120
	25	35.5	79	24	1.3	100	4	M20	135
	32	40	92	31	1.7	115	4	M22	145
	40	45	100	39	2.2	125	4	M24	155
	50	56	142	48	5.6	165	8	M22	165
	65	63	162	63	7.5	190	8	M27	175
	80	71	176	78	9	205	8	M27	185
	100	80	208	98	14	240	8	M30	210
	125	110	247	123	27	285	8	M36	250
	150	125	280	148	38	318	12	M36	280
	200	160	356	198	76	400	12	M42	300

主要外形尺寸和重量Main Dimensions & Weight

压力级 Pressure class	口径Bore		尺寸Dimension（mm）			重量(kg) Weight	配管法兰(供参考) Pipeline flange(FYI)				
	NPS	DN	L	D	D2		螺栓孔中心圆直径D1 Diameter of the bolt hole	螺栓数量 Number of the bolt	螺栓直径d Diameter of the bolt		螺栓长度L1 Length of bolt
									in	mm	
Class 150 PN2.0 MPa	1/2	15	16	46	15	0.12	60.5	4	1/2	M14	90
	3/4	20	19	56	19	0.24	70	4	1/2	M14	100
	/	25	22	65	24	0.34	79.5	4	1/2	M14	110
	1 1/4	32	28	74	31	0.53	89	4	1/2	M14	120
	1 1/2	40	31.5	84	39	0.80	98.5	4	1/2	M14	130
	2	50	40	103	48	1.2	120.5	4	5/8	M16	145
	2 1/2	65	46	122	63	2.2	139.5	4	5/8	M16	160
	3	80	50	135	78	3.1	152.5	4	5/8	M16	170
	4	100	60	173	98	5.8	190.5	8	5/8	M16	180
	5	125	90	195	123	12	216.0	8	3/4	M20	210
	6	150	106	220	148	17	241.5	8	3/4	M20	230
	8	200	140	277	198	29	298.5	8	3/4	M20	270
	10	250	160	337	248	35	362.0	12	7/8	M24	290
Class 300 PN5.0 MPa	1/2	15	25	52	15	0.3	66.5	4	1/2	M14	100
	3/4	20	31.5	65	19	0.46	82.5	4	5/8	M16	110
	/	25	35.5	72	24	0.6	89	4	5/8	M16	120
	1 1/4	32	40	81	31	0.8	98.5	4	5/8	M16	130
	1 1/2	40	45	94	39	1.5	114.5	4	3/4	M20	140
	2	50	56	110	48	2.4	127.0	8	5/8	M16	150
	2 1/2	65	63	128	63	3.0	149.0	8	3/4	M20	170
	3	80	71	148	78	4.0	168.5	8	3/4	M20	190
	4	100	80	179	98	5.5	200.0	8	3/4	M20	200
	5	125	110	214	123	13	235.0	8	3/4	M20	240
	6	150	125	249	148	22	270.0	12	3/4	M20	260
	8	200	160	305	198	36	330.0	12	7/8	M24	310
	10	250	180	359	248	40	387.5	16	1	M27	330
Class 600 PN11.0 MPa	1/2	15	25	52	15	0.3	66.5	4	1/2	M14	100
	3/4	20	31.5	65	19	0.46	82.5	4	5/8	M16	110
	/	25	35.5	72	24	0.6	89.0	4	5/8	M16	120
	1 1/4	32	40	81	31	0.8	98.5	4	5/8	M16	130
	1 1/2	40	45	94	39	1.5	114.5	4	3/4	M20	140
	2	50	56	110	48	2.4	127.0	8	5/8	M16	150
	2 1/2	65	63	128	63	3.0	149.0	8	3/4	M20	170
	3	80	71	147	78	4.0	168.5	8	3/4	M20	190
	4	100	80	191	98	5.5	216.0	8	3/4	M24	200
	5	125	110	239	123	13	267.0	8	3/4	M27	240
	6	150	125	264	148	22	292.0	12	3/4	M27	290
	8	200	160	318	198	36	349.0	12	7/8	M30	350
	10	250	180	398	248	40	432.0	16	1	M33	370
Class 900 PN15.0 MPa	1/2	15	25	62	15	0.6	82.5	4	3/4	M20	125
	3/4	20	31.5	69	19	0.9	89.0	4	3/4	M20	135
	/	25	35.5	77	24	1.2	101.5	4	7/8	M24	155
	1 1/4	32	40	87	31	1.5	111.0	4	7/8	M24	160
	1 1/2	40	45	97	39	2.0	124.0	4	1	M27	175
	2	50	56	140	48	5.5	165.0	8	7/8	M24	195
	2 1/2	65	63	162	63	7.5	190.5	8	1	M27	215
	3	80	71	165	78	8	190.5	8	7/8	M24	230
	4	100	80	204	98	14	235.0	8	1 1/8	M30	245
	5	125	110	245	123	27	279.5	8	1 1/4	M33	290
	6	150	125	286	148	41	317.5	12	1 1/8	M30	310
	8	200	160	356	198	76	393.5	12	1 3/8	M36	375

微阻缓闭止回阀
Damping slow-shut check valve

结构特点 Structural Characteristic

该阀用于给排水管道，安装在水泵出口处用来防止介质逆流和消除破坏性水锤，并能有效地减少阀门关闭锤压力，可保障管网安全运行。它具有阀瓣轻、开度大、节电效果显著，流体阻力小，水锤消除机构设计新颖，密封性能稳定可靠、耐磨损、使用寿命长、运行平稳、无振动、无噪声等特点。

The valve is designed for water supply and drainage pipelines to be mounted at the outlet of water pump to avoid the medium from neflexing and remove the destructive water hammer. Also it can effectively reduce the water hammer pressure from valve shut to ensure the safe operation of the pipeline network, It is featured by light disc, large opening, substantial power saving, small fluid resistance, novel design of water hammer removal mechanism, stable and reliable scalability, abrasion resistance, long service life, stable operation, being vibration-free and noiseless, etc.

应用规范

1、连接法兰按GB/T17241.6 GB/T9113
2、阀门检查和试验按GB/T13927 AP1598

Application Specification

1. End flange dimension according to GB/T17241.6 GB/T9113
2. Valve inspection and test according to GB/T13927 AP1598

主要技术参数 Main Technology Parameter

型号 Type	公称通径 DN(mm) Nominal diameter	公称压力 PN(MPa) Nominal pressure	试验压力 PS(MPa)		工作压力(MPa) Working pressure	介质温度(℃) Medium temperature	适用介质 Applicable medium
			壳体 Shell	密封 Sealing			
HH44X-T/H 16/10/25	50~800	1.0	1.5	1.1	1.0	0~80℃(根据用户要求可大200℃) Max.may up to 200℃ if required by user	水 / 弱腐蚀性介质 Water / medium with weak corrosion
HH44X-T/H		1.6	2.4	1.76	1.6		
HH44Z/X		2.5	3.75	2.75	2.5		

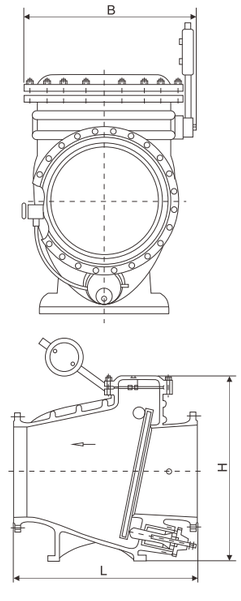
主要零件材料 Main Parts Material

零件名称 Parts	阀体 Body	阀盖 Bonnet	阀瓣 Disc
材料 Material	灰铸铁 / 铸钢 Grey cast iron Cast steel	钢板 / 橡胶组合件 Steel plate and rubber compound parts	不锈钢 Stainles steel

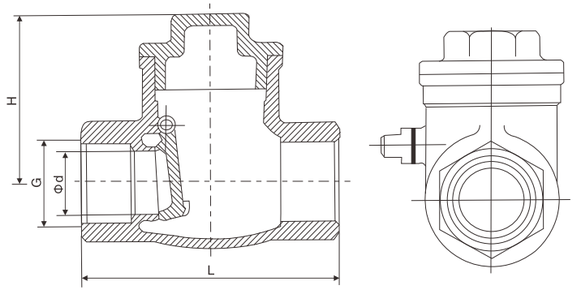
主要外形尺寸 Main External Form Dimensions

(法兰连接尺寸按JB/T78-94标准 Flang Ends STD:JB/T778-94)

公称压力 PN(MPa) Nominal pressure	公称通径DN(mm) Nominal diameter	尺寸Dimension (mm)		
		L	H	B
1.0 1.6 2.5	40	200	300	220
	50	230	300	270
	65	290	320	290
	80	310	350	300
	100	354	350	320
	125	400	380	340
	150	480	500	410
	200	500	580	450
	250	600	670	550
	300	700	730	580
	350	800	820	630
	400	900	920	700
	450	1000	850	800
	500	1100	1100	900
	600	1300	1200	990
	700	1400	1550	1120
	800	1500	1700	1300



内螺纹连接止回阀
Inside screw check valve



主要外形尺寸和重量Main Dimensions & Weight

公称通径DN(mm)	G	d	L	H	Cv	WT(kg)
H14W-16P H14W-16T H14W-25P H14W-25T						
15	1/2"	15	65	44	6.9	0.6
20	3/4"	20	80	53	16.3	0.8
25	1"	25	90	58	30.0	1.5
32	1 1/4"	32	105	62	49.0	2.0
40	1 1/2"	38	120	73	72.0	3.2
50	2"	50	141	78	130.0	5.0

公称通径DN(mm)	G	d	L	H	H1	□S	WT(kg)
H13W-10T H13T-10 H13W-10P H13W-10R							
15	1/2"	14	85	73	26	11	0.6
20	3/4"	16	90	95	34	14	1.0
25	1"	18	110	95	38	17	1.5
32	1 1/4"	20	130	107	45	19	2.5
40	1 1/2"	22	150	157	55	22	4
50	2"	24	170	186	74	27	7
65	2 1/2"	26	220	213	82	32	11.5
80	3"	30	250	202	125	36	16.5
100	4"	30	300	290	135	46	22

1	2	3	4	5	6	7

阀体材料代号：C-碳钢 P-CF8/1Cr18Ni9 R-CF8M/1Cr18Ni12Mo2Ti
PL-CF3 RL-CF3M
Code of body material: C-Carbon steel P-CF8/1Cr18Ni9
R-CF8M/1Cr18Ni12Mo2Ti PL-CF3 RL-CF3M

公称压力值代号 Code of nominal pressure

密封面材料代号：H-不锈钢 F-四氟阀座 X/J-橡胶阀座
Code of structure type: H-Stainless steel F-Four fluorine seat X/J-Rubber seat

结构形式代号：3-三偏心结构
Code of structure type: 3-Three partiality structure

连接形式代号：7-对夹式 4-法兰式 6-对焊式
Connection type code: 7-Wafer 4-Flange 6-Butt welding

传动方式代号：3-蜗轮传动 9-电动 6-气动
Actuator mode code: 3-Worm gear 9-Electric 6-Pneumatic

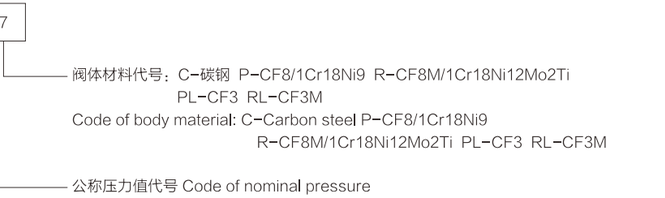
阀门类型代号：D-蝶阀
Valve type code: D-Butterfly valve

例一、D373H-25C表示：
1. 蝶阀(D) 2. 蜗轮传动(3) 3. 对夹式连接(7) 4. 三偏心结构(3) 5. 不锈钢密封圈(H) 6. 公称压力2.5MPa(25) 7. 碳钢阀体(C)
Example 1: D373H-25C Means
1. Butterfly valve(D) 2. Worm gear drive(3) 3. Wafer connection(7) 4. Three partiality structure(3) 5. Stainless steel seal(H)
6. Nominal pressure 2.5MPa(25) 7. Carbon steel body(C)

例二、D943F-16P表示：
1. 蝶阀(D) 2. 电动(9) 3. 法兰连接(4) 4. 三偏心结构(3) 5. 四氟阀座(F) 6. 公称压力1.6MPa(16) 7. 不锈钢钢阀体(P)
Example 1: D373H-25C Means
1. Butterfly valve(D) 2. Electric operated(9) 3. Flange connection(4) 4. Three partiality structure(3) 5. Four fluorine seat(F)
6. Nominal pressure 1.6MPa(16) 7. Stainless steel body(P)

用途 Application

蝶阀适用于食品、医药、石油化工、工业环保及高层建筑和管道上作调节流量和截断流体最佳装置。
The butterfly valve is applicable for food, pharmacy, petrochemical industry, industrial environmental rotection, high-rise and pipeline as the best device for regulating the flow and cutting off the fluid.

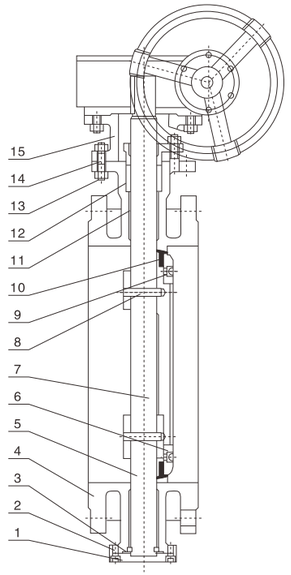


多层次密封结构
Multi-level seal structure

弹性密封结构
Flexible seal structure

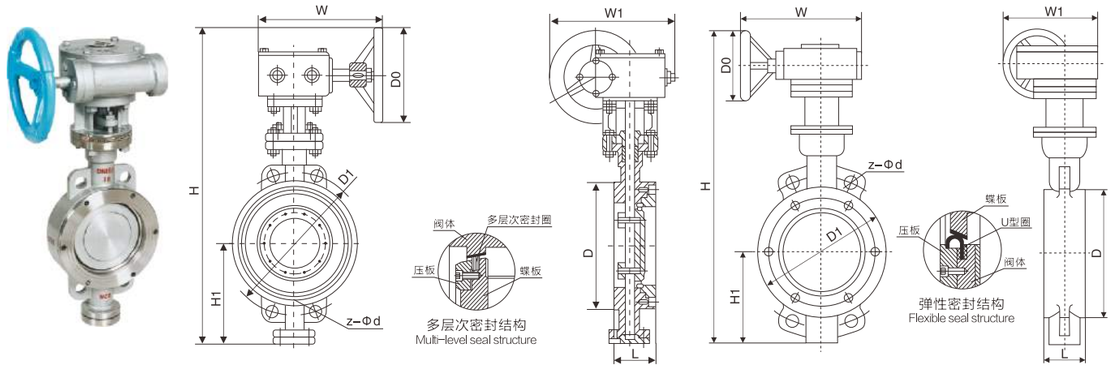
结构特点 Structure Characteristics

蝶阀系吸收、消化国外技术，并结合国内用户意见和生产中积累的经验而精心研制的新一代产品。
1、采用三维偏心结构，阀体密封圈采用多层次结构或弹性金属圈，使蝶板同阀体密封面均匀可靠接触，可达到气密封无泄漏。
2、结构独特、操作灵活、省力、方便，使用寿命长。
3、耐高温、耐腐蚀、耐磨损的三维偏心。
The butterfly valve is a new generation of product carefully developed through assimilating and digesting foreign technologies and combining suggestions of domestic users and experience accumulated during production.
1. With a 3D eccentric structure, the sealing ring of valve body adopts a multi-level structure or flexible eyelet so that the disc can contact the sealing surface of valve body uniformly and reliably, achieving no leakage of airtight seal.
2. With a unigue structure, easy and flexible for operation with labor saving and long service life.
3. 3D eccentricity, resistant to high temperature, corrosion and abrasion.



主要零件材料Main Parts Material

序号 No.	零件名称 Parts	材料标准 Material Standard							
		碳钢 Carbon steel		不锈钢 Stainless steel					
		GB	ASTM	GB		ASTM			
1	底盖 Bottom cover plate	25#	A216-WCB	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	F304	F316	F304L	F316
2	底盖螺钉 Bottom cover stud	35CrMoA	A193-B7	1Cr17Ni2	1Cr17Ni2	A193-B8M	A193-B8M	A193-B8M	A193-B8M
3	底盖垫片 Bottom cover gasket	石墨 Graphite		石墨 Graphite		石墨 Graphite			
4	阀体 Body	WCB	A216-WCB	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
5	阀杆 Stem	2Cr13	A182-F316	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	F304	F316	F304L	F316L
6	压圈 Board	2Cr13	A240-316	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	F304	F316	F304L	F316L
7	蝶板 Disc	WCB	A351-CF8M	ZG1Cr18Ni9Ti	ZG1Cr18Ni12Mo2Ti	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
8	销轴 Stem taper plins	2Cr13	A276-316	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	304	316	304L	316L
9	蝶板螺钉 Disc stud	35CrMoA	A193-B8M	1Cr17Ni2	1Cr17Ni2	A193-B8M	A193-B8M	A193-B8M	A193-B8M
10	密封圈 Seal ring	石墨+304 Graphite+304		石墨+304 Graphite+304		石墨+304 Graphite+304	石墨+316 Graphite+316	石墨+304L Graphite+304L	石墨+316L Graphite+316L
11	衬套 Bush	铜合金 Copper alloy		304+PTFE		304+PTFE	316+PTFE	304L+PTFE	316L+PTFE
12	填料 Packing	石墨 Graphite		石墨 Graphite		石墨 Graphite			
13	支架螺母 Yoke nut	45	A194-2H	0Cr18Ni9	0Cr18Ni9	A194-8M	A194-8M	A194-8M	A194-8M
14	支架螺柱 Yoke stud	35CrMoA	A193-B7	1Cr17Ni2	1Cr17Ni2	A193-B8M	A193-B8M	A193-B8M	A193-B8M
15	支架 Yoke	WCB	A216-WCB	WCB	WCB	A216-WCB	A216-WCB	A216-WCB	A216-WCB



应用规范

1、设计、制造：GB/T12238-2008
2、结构长度：GB/T12221-2005
3、连接法兰：GB9113-2000
4、阀门检查和试验：GB/T13927-92

Application Specification

1. Design and manufacture according to GB/T12238-2008
2. Face to face according to GB/T12221-2005
3. End flange dimension according to GB9113-2000
4. Valve inspection and test according to GB/T13927-92

主要外形尺寸和重量Main Dimensions & Weight

D373$^{H}_{F}$-10C(P.R.V)

通径DN Diameter	尺寸 Dimensions(mm)									重量(kg) Weight
	L	D1	D	z-Φd	H	H1	W	W1	D0	
50	43	125	102	4-18	360	112	200	200	160	13
65	46	145	122	4-18	380	115	200	200	160	16
80	49	160	133	8-18	455	120	220	200	160	21
100	64	180	158	8-18	490	140	240	200	160	26
125	70	210	184	8-18	490	170	260	200	160	31
150	76	240	212	8-22	630	180	280	280	240	35
200	89	295	268	8-22	690	210	320	280	240	41
250	114	350	320	12-22	830	240	360	280	240	54
300	114	400	370	12-22	930	290	460	420	310	65
350	127	460	430	16-22	1010	320	500	420	310	100
400	140	515	482	16-26	1070	350	540	420	310	180
450	152	565	532	20-26	1140	380	580	420	310	210
500	152	620	585	20-26	1200	410	620	420	310	250
600	154	725	685	20-30	1340	470	660	420	310	370
700	165	840	800	24-30	1600	550	750	550	400	460
800	190	950	905	24-33	1780	640	800	550	400	590
900	203	1050	1005	28-33	1920	710	850	550	400	730
1000	216	1160	1110	28-36	1960	770	1000	750	500	920
1200	254	1380	1330	32-39	2360	875	1050	750	500	1200
1400	279	1590	1530	36-42	2530	970	800	890	-	1460
1600	318	1820	1750	40-48	2640	1100	800	890	-	1850
1800	356	2020	1950	44-48	2800	1200	830	920	-	2080
2000	406	2230	2150	48-48	3100	1290	850	940	-	2660

主要外形尺寸和重量Main Dimensions & Weight

D373$^{H}_{F}$-16C(P.R.V)

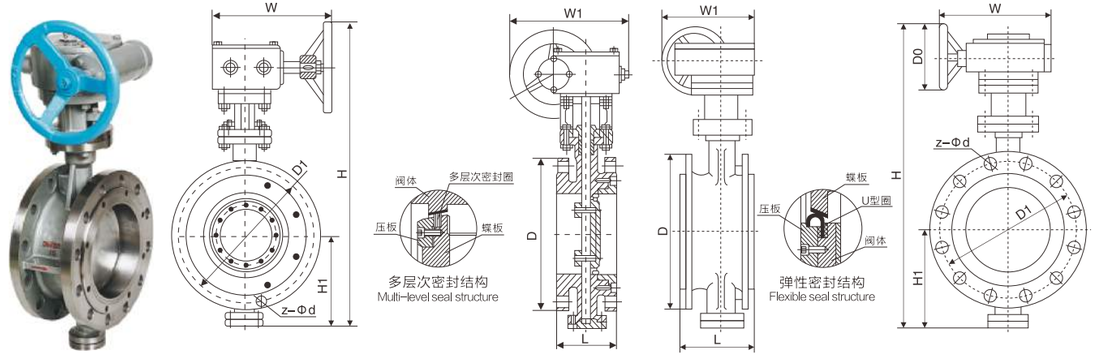
通径DN Diameter	尺寸 Dimensions(mm)									重量(kg) Weight
	L	D1	D	z-Φd	H	H1	W	W1	D0	
50	43	125	102	4-18	360	112	200	200	160	15
65	46	145	122	4-18	380	115	200	200	160	17
80	49	160	133	8-18	455	120	220	200	160	23
100	64	180	158	8-18	490	140	240	200	160	28
125	70	210	184	8-18	490	170	260	200	160	34
150	76	240	212	8-22	630	180	280	280	240	38
200	89	295	268	12-22	690	210	320	280	240	44
250	114	355	320	12-26	830	240	360	280	240	58
300	114	410	370	12-26	930	290	460	420	310	73
350	127	470	430	16-26	1010	320	500	420	310	150
400	140	525	482	16-30	1070	350	540	420	310	240
450	152	585	532	20-30	1140	380	580	420	310	280
500	152	650	585	20-33	1200	410	620	420	310	350
600	154	770	685	20-36	1340	470	660	420	310	470
700	165	840	800	24-36	1600	550	750	550	400	600
800	190	950	905	24-39	1780	640	800	550	400	700
900	203	1050	1005	28-39	1920	710	850	550	400	840
1000	216	1170	1110	28-42	1960	770	1000	750	500	1100
1200	254	1390	1330	32-48	2360	875	1050	750	500	1300
1400	279	1590	1530	36-48	2530	970	800	890	-	1470
1600	318	1820	1750	40-56	2640	1100	800	890	-	1870

D373$^{H}_{F}$-25C(P.R.V)

通径DN Diameter	尺寸 Dimensions(mm)									重量(kg) Weight
	L	D1	D	z-Φd	H	H1	W	W1	D0	
50	43	125	102	4-18	360	112	200	200	160	15
65	46	145	122	8-18	380	115	200	200	160	17
80	49	160	133	8-18	455	120	220	200	160	23
100	64	190	158	8-22	490	140	240	200	160	28
125	70	220	184	8-26	490	170	260	200	160	35
150	76	250	212	8-26	630	180	280	280	240	40
200	89	310	268	12-26	690	210	320	280	240	50
250	114	370	330	12-30	830	240	360	280	240	68
300	114	430	390	16-30	930	290	460	420	310	80
350	127	490	450	16-33	1010	320	500	420	310	155
400	140	550	505	16-36	1070	350	540	420	310	250
450	152	600	555	20-36	1140	380	580	420	310	300
500	152	660	610	20-36	1200	410	620	420	310	370
600	154	770	720	20-39	1340	470	660	420	310	490
700	165	875	820	24-42	1600	550	750	550	400	630
800	190	990	930	24-48	1780	640	800	550	400	720
900	203	1090	1030	28-48	1920	710	850	550	400	870
1000	216	1210	1140	28-56	1960	770	1000	750	500	1150

D373$^{H}_{F}$-40C(P.R.V)

通径DN Diameter	尺寸 Dimensions(mm)									重量(kg) Weight
	L	D1	D	z-Φd	H	H1	W	W1	D0	
50	43	125	102	4-18	360	112	200	200	160	16
65	46	145	122	8-18	380	115	200	200	160	18
80	64	160	133	8-18	455	120	220	200	160	25
100	64	190	158	8-22	490	140	280	200	160	30
125	70	220	184	8-26	490	170	280	200	160	37
150	76	250	212	8-26	630	180	280	280	240	44
200	89	320	268	12-30	690	210	280	280	240	55
250	114	385	330	12-33	825	240	280	280	240	73
300	114	450	390	16-33	908	290	450	420	310	85
350	127	510	450	16-36	960	320	450	420	310	160
400	140	585	505	16-39	1330	350	450	437	310	260



应用规范

1、设计、制造：GB/T12238-2008
2、结构长度：GB/T12221-2005
3、连接法兰：GB9113-2000
4、阀门检查和试验：GB/T13927-92

Application Specification

1. Design and manufacture according to GB/T12238-2008
2. Face to face according to GB/T12221-2005
3. End flange dimension according to GB9113-2000
4. Valve inspection and test according to GB/T13927-92

主要外形尺寸和重量Main Dimensions & Weight

D343$^{H}_{F}$-10C(P.R.V)

通径DN Diameter	尺寸 Dimensions(mm)											重量(kg) Weight
	L	D	D1	D2	z-Φd	b	H	H1	W	W1	D0	
50	108	165	125	99	4-18	20	360	112	200	200	160	30
65	112	185	145	118	4-18	20	380	115	200	200	160	37
80	114	200	160	132	8-18	20	455	120	220	200	160	45
100	127	220	180	156	8-18	22	490	140	240	200	160	74
125	140	250	210	184	8-18	22	490	170	260	200	160	100
150	140	285	240	211	8-22	24	630	180	280	280	240	110
200	152	340	295	266	8-22	24	690	210	320	280	240	150
250	165	395	350	319	12-22	26	830	240	360	280	240	190
300	178	445	400	370	12-22	26	930	290	460	420	310	230
350	190	505	460	429	16-22	26	1010	320	500	420	310	290
400	216	565	515	480	16-26	26	1070	350	540	420	310	350
450	222	615	565	530	20-26	28	1140	380	580	420	310	450
500	229	670	620	582	20-26	28	1200	410	620	420	310	550
600	267	780	725	682	20-30	34	1340	470	660	420	310	710
700	292	895	840	794	24-30	34	1600	550	750	550	400	850
800	318	1015	950	901	24-33	36	1780	640	800	550	400	1100
900	330	1115	1050	1001	28-33	38	1920	710	850	550	400	1300
1000	410	1230	1160	1112	28-36	38	1960	770	1000	750	500	1600
1200	470	1455	1380	1328	32-39	44	2360	875	1050	750	500	1980
1400	530	1675	1590	1530	36-42	48	2530	970	800	890	600	2760
1600	600	1915	1820	1750	40-48	52	2640	1100	800	890	600	3470
1800	670	2115	2020	1950	44-48	56	2800	1200	830	920	700	4200
2000	760	2325	2230	2150	48-48	60	3100	1290	850	940	700	5360

主要外形尺寸和重量Main Dimensions & Weight

D343$^{H}_{F}$-16C(P.R.V)

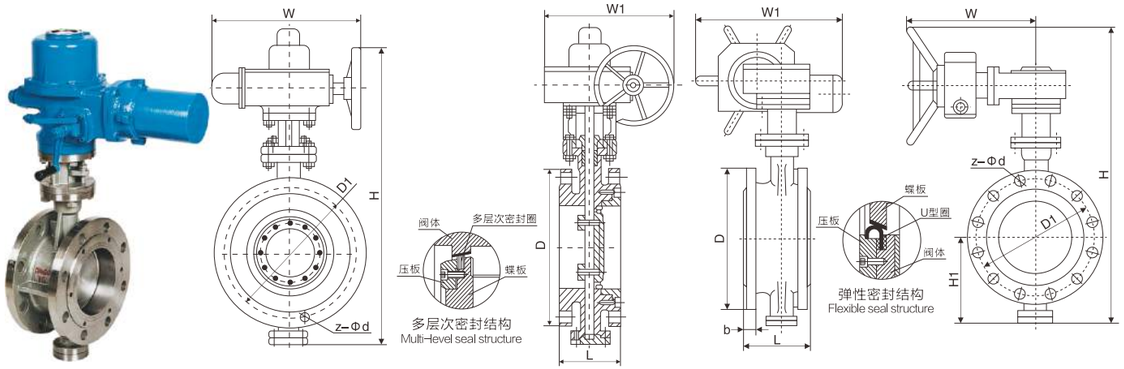
通径DN Diameter	尺寸 Dimensions(mm)											重量(kg) Weight
	L	D	D1	D2	z-Φd	b	H	H1	W	W1	D0	
50	108	165	125	99	4-18	20	360	112	200	200	160	30
65	112	185	145	118	4-18	20	380	115	200	200	160	37
80	114	200	160	132	8-18	20	455	120	220	200	160	45
100	127	220	180	156	8-18	22	490	140	240	200	160	75
125	140	250	210	184	8-18	22	490	170	260	200	160	105
150	140	285	240	211	8-22	24	630	180	280	280	240	115
200	152	340	295	266	12-22	24	690	210	320	280	240	160
250	165	405	355	319	12-26	26	830	240	360	280	240	220
300	178	460	410	370	12-26	28	930	290	460	420	310	260
350	190	520	470	429	16-26	30	1010	320	500	420	310	340
400	216	580	525	480	16-30	32	1070	350	540	420	310	410
450	222	640	585	530	20-30	40	1140	380	580	420	310	490
500	229	715	650	582	20-33	44	1200	410	620	420	310	605
600	267	840	770	682	20-36	44	1340	470	660	420	310	780
700	292	910	840	794	24-36	50	1600	550	750	550	400	960
800	318	1025	950	901	24-39	52	1780	640	800	550	400	1050
900	330	1125	1050	1001	28-39	54	1920	710	850	550	400	1500
1000	410	1255	1170	1112	28-42	56	1960	770	1000	750	500	1800
1200	470	1485	1390	1328	32-48	44	2360	875	1050	750	500	2300
1400	530	1690	1590	1530	36-48	48	2530	970	800	890	600	2900
1600	600	1930	1820	1750	40-58	52	2640	1100	800	890	600	3820

D343$^{H}_{F}$-25C(P.R.V)

通径DN Diameter	尺寸 Dimensions(mm)											重量(kg) Weight
	L	D	D1	D2	z-Φd	b	H	H1	W	W1	D0	
50	108	165	125	99	4-18	20	360	112	200	200	160	34
65	112	185	145	118	8-18	22	380	115	200	200	160	40
80	114	200	160	132	8-18	24	455	120	220	200	160	50
100	127	235	190	156	8-22	24	490	140	240	200	160	84
125	140	270	220	184	8-26	26	490	170	260	200	160	110
150	140	300	250	211	8-26	28	630	180	280	280	240	120
200	152	360	310	274	12-26	30	690	210	320	280	240	165
250	165	425	370	330	12-30	32	830	240	360	280	240	240
300	178	485	430	389	16-30	34	930	290	460	420	310	320
350	190	555	490	448	16-33	38	1010	320	500	420	310	430
400	216	620	550	503	16-36	40	1070	350	540	420	310	560
450	222	670	600	548	20-36	46	1140	380	580	420	310	620
500	229	730	660	609	20-36	48	1200	410	620	420	310	730
600	267	845	770	720	20-39	58	1340	470	660	420	310	990
700	292	960	875	820	24-42	50	1600	550	750	550	400	1150
800	318	1085	990	928	24-48	54	1780	640	800	550	400	1500
900	330	1185	1090	1028	28-48	58	1920	710	850	550	400	1800
1000	410	1320	1210	1140	28-55	62	1960	770	1000	750	500	2200

D343$^{H}_{F}$-40C(P.R.V)

通径DN Diameter	尺寸 Dimensions(mm)											重量(kg) Weight
	L	D	D1	D2	D6	z-Φd	b	H	H1	W	W1	D0	
50	150	165	125	99	88	4-18	20	360	112	200	200	160	37
65	170	185	145	118	110	8-18	22	380	115	200	200	160	43
80	180	200	160	132	121	8-18	24	455	120	220	200	160	54
100	190	235	190	156	150	8-22	24	490	140	240	200	160	90
125	200	270	220	184	176	8-26	26	490	170	260	200	160	115
150	210	300	250	211	204	8-26	28	630	180	280	280	240	125
200	230	375	320	284	260	12-30	34	690	210	320	280	240	172
250	250	450	385	345	313	12-33	38	830	240	360	280	240	248
300	270	515	450	409	364	16-33	42	930	290	460	420	310	330
350	290	580	510	465	422	16-36	46	1010	320	500	420	310	440
400	310	660	585	535	474	16-39	50	1070	350	540	420	310	572



应用规范

1、设计、制造：GB/T12238-2008
2、结构长度：GB/T12221-2005
3、连接法兰：GB9113-2000
4、阀门检查和试验：GB/T13927-92

Application Specification

1. Design and manufacture according to GB/T12238-2008
2. Face to face according to GB/T12221-2005
3. End flange dimension according to GB9113-2000
4. Valve inspection and test according to GB/T13927-92

主要外形尺寸和重量Main Dimensions & Weight

D943$^{H}_{F}$-10C(P.R.V)

通径DN Diameter	尺寸 Dimensions(mm)										重量(kg) Weight
	L	D	D1	D2	z-Φd	b	H	H1	W	W1	
50	108	165	125	99	4-18	20	412	112	250	255	48
65	112	185	145	118	4-18	20	432	115	250	255	55
80	114	200	160	132	8-18	20	450	120	250	255	63
100	127	220	180	156	8-18	22	485	140	250	255	92
125	140	250	210	184	8-18	22	532	170	250	255	110
150	140	285	240	211	8-22	24	667	180	300	315	130
200	152	340	295	266	8-22	24	787	210	300	315	160
250	165	395	350	319	12-22	26	823	240	300	315	210
300	178	445	400	370	12-22	26	908	290	300	315	250
350	190	505	460	429	16-22	26	964	320	300	315	320
400	216	565	515	480	16-26	26	1022	350	300	315	380
450	222	615	565	530	20-26	28	1390	380	575	714	450
500	229	670	620	582	20-26	28	1450	410	575	714	560
600	267	780	725	682	20-30	34	1640	470	656	810	720
700	292	895	840	794	24-30	34	1844	550	656	810	860
800	318	1015	950	901	24-33	36	2040	640	656	810	1100
900	330	1115	1050	1001	28-33	38	2255	710	785	863	1300
1000	410	1230	1160	1112	28-36	38	2380	770	785	863	1570
1200	470	1455	1380	1328	32-39	44	2640	875	785	863	2100
1400	530	1675	1590	1530	36-42	48	2830	970	810	890	2760
1600	600	1915	1820	1750	40-48	52	2940	1150	810	890	3470
1800	670	2115	2020	1950	44-48	56	3000	1230	830	930	4200
2000	760	2325	2230	2150	48-48	60	3100	1290	830	940	5360

主要外形尺寸和重量Main Dimensions & Weight

D943$^{H}_{F}$-16C(P.R.V)

通径DN Diameter	尺寸 Dimensions(mm)										重量(kg) Weight
	L	D	D1	D2	z-Φd	b	H	H1	W	W1	
50	108	165	125	99	4-18	20	412	112	250	255	48
65	112	185	145	118	4-18	20	432	115	250	255	55
80	114	200	160	132	8-18	20	450	120	250	255	63
100	127	220	180	156	8-18	22	485	140	250	255	92
125	140	250	210	184	8-18	22	532	170	250	255	110
150	140	285	240	211	8-22	24	667	180	300	315	130
200	152	340	295	266	12-22	24	787	210	300	315	180
250	165	405	355	319	12-26	26	823	240	300	315	230
300	178	460	410	370	12-26	28	908	290	300	315	280
350	190	520	470	429	16-26	30	964	320	300	315	330
400	216	580	525	480	16-30	32	1022	350	300	315	420
450	222	640	585	548	20-30	40	1390	380	575	714	530
500	229	715	650	609	20-33	44	1450	410	575	714	630
600	267	840	770	720	20-36	44	1640	470	656	810	810
700	292	910	840	794	24-36	50	1844	550	656	810	990
800	318	1025	950	901	24-39	52	2040	640	656	810	1200
900	330	1125	1050	1001	28-39	54	2255	710	785	863	1600
1000	410	1255	1170	1112	28-42	56	2380	770	785	863	1900
1200	470	1485	1390	1328	32-48	44	2640	875	785	863	2500
1400	530	1690	1590	1530	36-48	48	2830	970	810	890	2900
1600	600	1930	1820	1750	40-56	52	2940	1150	810	890	3820

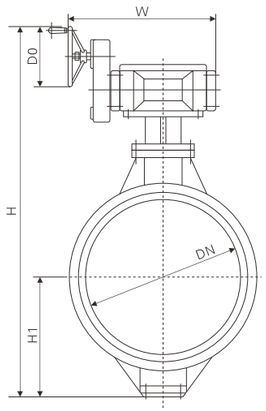
D943$^{H}_{F}$-25C(P.R.V)

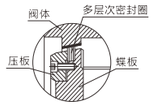
通径DN Diameter	尺寸 Dimensions(mm)										重量(kg) Weight
	L	D	D1	D2	z-Φd	b	H	H1	W	W1	
50	108	165	125	99	4-18	20	412	112	250	255	50
65	112	185	145	118	8-18	22	432	115	250	255	58
80	114	200	160	132	8-18	24	450	120	250	255	65
100	127	235	190	156	8-22	24	485	140	250	255	105
125	140	270	220	184	8-26	26	532	170	250	255	120
150	140	300	250	211	8-26	28	667	180	300	315	140
200	152	360	310	274	12-26	30	787	210	300	315	180
250	165	425	370	330	12-30	32	823	240	300	315	260
300	178	485	430	389	16-30	34	908	290	300	315	340
350	190	555	490	448	16-33	38	964	320	300	315	450
400	216	620	550	503	16-36	40	1022	350	300	315	590
450	222	670	600	548	20-36	46	1390	380	575	714	660
500	229	730	660	609	20-36	48	1450	410	575	714	780
600	267	845	770	720	20-39	58	1640	470	656	810	1100
700	292	960	875	820	24-42	50	1844	550	656	810	1200
800	318	1085	990	928	24-48	54	2040	640	656	810	1600
900	330	1185	1090	1028	28-48	58	2255	710	785	863	1900
1000	410	1320	1210	1140	28-55	62	2380	780	785	863	2300

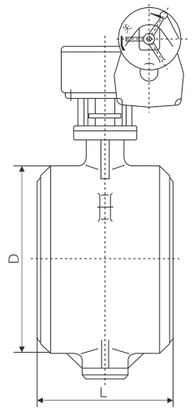
D943$^{H}_{F}$-40C(P.R.V)

通径DN Diameter	尺寸 Dimensions(mm)											重量(kg) Weight
	L	D	D1	D2	D6	z-Φd	b	H	H1	W	W1	
50	150	165	125	99	88	4-18	20	412	112	250	255	55
65	170	185	145	118	110	8-18	22	432	115	250	255	65
80	180	200	160	132	121	8-18	24	450	120	250	255	80
100	190	235	190	156	150	8-22	24	485	140	250	255	110
125	200	270	220	184	176	8-26	26	532	170	250	255	128
150	210	300	250	211	204	8-26	28	667	180	300	315	150
200	230	375	320	284	260	12-30	34	787	210	300	315	190
250	250	450	385	345	313	12-33	38	823	240	300	315	272
300	270	515	450	409	364	16-33	42	908	290	300	315	350
350	290	580	510	465	422	16-36	46	964	320	300	315	465
400	310	660	585	535	474	16-39	50	1022	350	300	315	605

对焊式金属密封蝶阀
Butt-weld metal sealing butterfly valve







应用规范

1、设计、制造：GB/T12238-2008
2、结构长度：GB/T12221-2005
3、对焊连接：GB12224
4、阀门检查和试验：GB/T13927-92

Application Specification

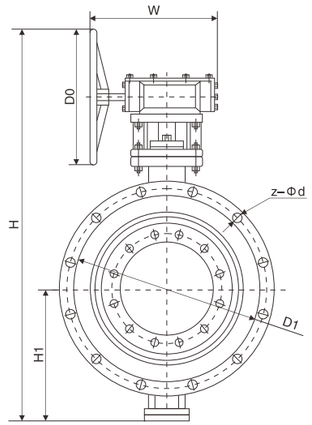
1. Design & manufacture according to GB/T12238-2008
2. Face to face according to GB/T12221-2005
3. End welding dimension according to GB12224
4. Valve inspection and test according to GB/T13927-92

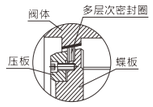
主要外形尺寸和重量Main Dimensions & Weight

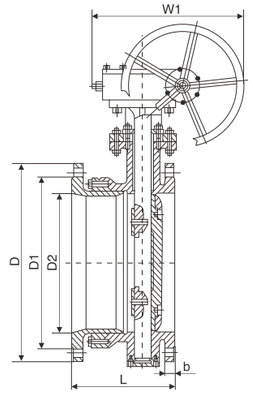
D363H-16C

公称通径 Nominal diameter		尺寸 Dimensions(mm)					
in	DN(mm)	L	D	D0	H	H1	W
4	100	190	110	157	376	100	194
5	125	200	135	205	410	113	268
6	150	210	161	205	468	130	268
8	200	230	222	205	586	205	268
10	250	250	278	235	638	235	306
12	300	270	330	235	734	275	306
14	350	290	382	296	827	309	416
16	400	310	432	296	924	346	416
18	450	330	484	296	1045	392	416
20	500	350	535	400	1128	427	475
24	600	390	636	400	1372	509	475
28	700	430	726	400	1590	572	475
32	800	470	826	440	1722	638	592
36	900	510	926	440	2025	700	592
40	1000	550	1028	440	2155	765	592
48	1200	630	1228	500	2360	860	640
56	1400	710	1428	500	2636	986	640
64	1600	790	1628	500	2906	1106	640

伸缩型金属密封蝶阀
Telescopic pattern metal sealing butterfly valve







产品特点及用途 Product characteristic and application

本蝶阀是一种一阀两用的产品，集伸缩器和法兰式蝶阀于一体。它能在一定范围内可轴向伸缩，有利于管道热胀冷缩、消除管道振动及在一定角度范围内克服管道对接不同轴而产生的偏移，能极大地方便阀门管路的安装与拆卸，提高经济效益。适用于食品、饮料、医药、纯净管路及工业环保、水处理、高层建筑、给排水管路作启闭或调节介质流量之用。

The butterfly valve is a kind of dual-purpose product which integrates expansion piece and flange butterfly valve. It is fiexible axially within a certain range, which is helpful for the pipeline to expand when hot and shrink when cold, remove the pipeline vibrancy and overcome the deflection caused by the disalignment of pipeline connection within a certain angle range, which is extremely easy for installation and disassembly of the valve pipeline and thus improves the economic performance. It is applicable for food, beverage, pharmacy, purification pipeline and industrial environmental protection, water treatment, highrise, water supply and drainage pipeline for on/off or regulation of medium flow.

应用规范

1、设计、制造：GB/T12238-2008
2、结构长度：GB/T12221-2005
3、连接法兰：GB9113-2000
4、阀门检查和试验：GB/T13927-92

Application Specification

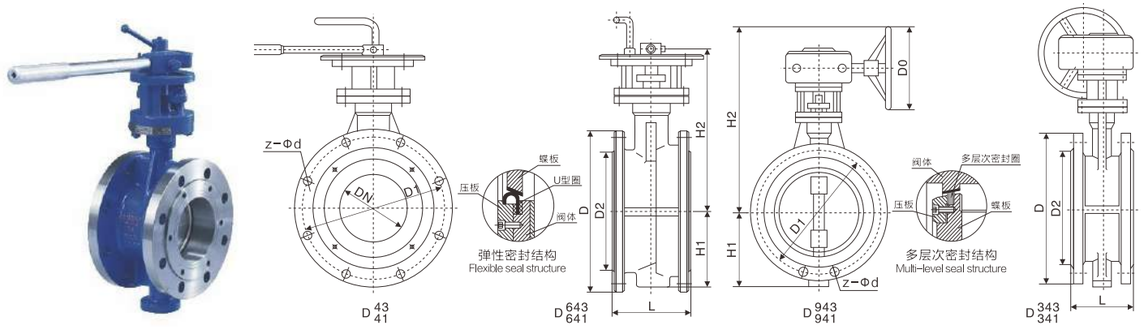
1. Design & manufacture according to GB/T12238-2008
2. Face to face according to GB/T12221-2005
3. End flange dimension according to GB9113-2000
4. Valve inspection and test according to GB/T13927-92

主要外形尺寸和重量Main Dimensions & Weight

SD343H-10C

公称通径 Nominal diameter	尺寸 Dimensions(mm)													重量(kg) Weight
	L	Lmax	Lmin	D	D1	D2	D0	b	H	H1	W	W1	z-Φd	
50	150	163	138	165	125	99	157	20	360	112	195	185	4-18	17
65	170	188	158	185	145	118	157	20	380	115	195	185	4-18	19
80	180	192	162	200	160	132	157	20	455	120	195	185	8-18	20
100	190	225	180	220	180	156	157	22	490	140	195	185	8-18	25
125	200	235	190	250	210	184	205	22	490	170	268	250	8-18	34
150	210	240	195	285	240	211	205	24	630	180	268	250	8-22	67
200	230	265	215	340	295	266	235	24	690	210	305	300	8-22	88
250	250	285	235	395	350	319	235	26	830	240	305	300	12-22	113
300	270	302	252	445	400	370	296	26	930	290	415	400	12-22	120
350	290	321	271	505	460	429	296	26	1010	320	415	400	16-22	144
400	310	343	283	565	515	480	296	26	1070	350	415	400	16-26	180
450	330	360	300	615	565	530	400	28	1140	380	475	420	20-26	230
500	350	380	320	670	620	582	400	28	1200	410	475	420	20-26	280
600	390	425	365	780	725	682	400	34	1340	470	475	420	20-30	370

ANSI美标法兰连接金属硬密封蝶阀
ANSI Flange connection metal sealing butterfly valve



应用规范

1、设计、制造：MSS-SP-68
2、结构长度：ISO5752第13系列
3、连接法兰：ANSI B16.5
4、阀门检查和试验：API598

Application Specification

1. Design and manufacture according to MSS-SP-68
2. Face to face according to ISO5752 of 13th series
3. End flange dimension according to ANSI B16.5
4. Valve inspection and test according to API598

主要外形尺寸和重量Main Dimensions & Weight

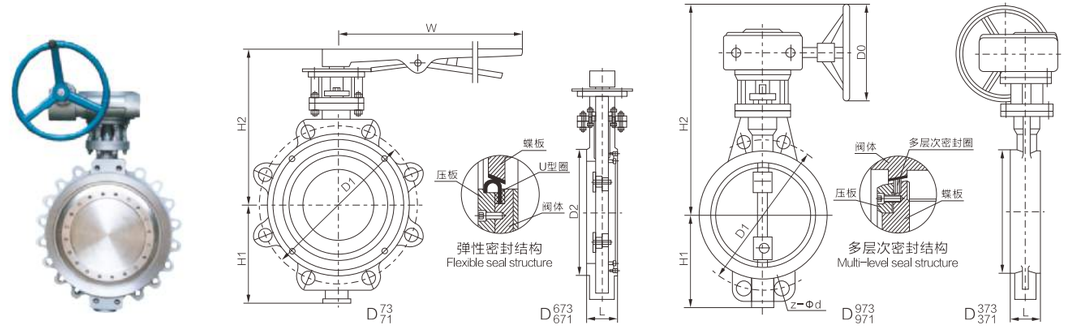
D43H-150Lb、D343H-150Lb

公称通径 Nominal diameter		尺寸 Dimensions(mm)										重量(kg) Weight	
		L	D	D1	D2	b	z-Φd	D0	H1	H2			
in	mm									D41	D341	D41	D341
1 1/2	38	106	127	98.4	73	14.5	4-15	140	76	198	248	7	11
2	51	108	152	120.7	92	16	4-19	140	85	202	254	9	12
2 1/2	64	112	178	139.7	105	18	4-19	160	95	222	278	11.5	16
3	76	114	191	152.4	127	19.5	4-19	160	106	246	312	13	20
4	102	127	229	190.5	157	24	8-19	180	114	270	330	16.5	23
5	127	140	254	215.9	186	24	8-22	180	130	294	368	22	29
6	152	140	279	241.3	216	25.5	8-22	230	148	326	404	30.5	40.5
8	203	152	343	298.5	270	29	8-22	230	176	-	496	-	81
10	254	165	406	362.0	324	30.5	12-25	280	210	-	558	-	108
12	305	178	483	431.8	381	32	12-25	310	238	-	632	-	135
14	337	190	533	476.3	413	35	12-29	310	270	-	672	-	188
16	387	216	597	539.8	470	37	16-29	310	302	-	714	-	255
18	438	222	635	577.9	533	40	16-32	380	332	-	768	-	340
20	489	229	699	635.0	584	43	20-32	380	370	-	828	-	445
24	591	267	813	749.5	692	48	20-35	450	432	-	952	-	578

D43H-300Lb、D343H-300Lb

公称通径 Nominal diameter		尺寸 Dimensions(mm)										重量(kg) Weight	
		L	D	D1	D2	b	z-Φd	D0	H1	H2			
in	mm									D41	D341	D41	D341
1 1/2	38	140	156	114.3	73	21	4-22	140	76	198	248	10	14
2	51	150	165	127.0	92	22.5	8-19	140	85	202	254	11	15
2 1/2	64	170	191	149.2	105	25.5	8-22	180	95	222	288	15	20
3	76	180	210	168.3	127	29	8-22	180	106	246	322	17.5	25
4	102	190	254	200.0	157	32	8-22	230	122	278	355	21.5	29
5	127	200	279	235.0	186	35	8-22	230	140	304	392	28.5	36
6	152	210	318	269.9	216	37	12-22	280	156	336	428	39	50
8	203	230	381	330.2	270	41.5	12-25	280	186	-	520	-	96.5
10	254	250	445	387.4	324	48	16-29	310	220	-	574	-	127
12	305	270	521	450.8	381	51	16-32	380	250	-	668	-	159.5
14	337	290	584	514.4	413	54	20-32	380	288	-	708	-	222.5
16	387	310	648	571.5	470	57.5	20-35	380	322	-	750	-	298
18	438	330	711	628.6	533	60.5	24-35	450	348	-	802	-	399
20	489	350	775	685.8	584	63.5	24-35	450	378	-	862	-	523
24	591	390	914	812.8	692	70	24-41	560	434	-	1006	-	672

ANSI 美标对夹连接金属硬密封蝶阀
ANSI Wafer connection metal sealing butterfly valve



应用规范

1、设计、制造：MSS-SP-68
2、结构长度：ISO5752第13系列
3、连接法兰：ANSI B16.5
4、阀门检查和试验：API598

Application Specification

1. Design and manufacture according to MSS-SP-68
2. Face to face according to ISO5752 of 13th series
3. End flange dimension according to ANSI B16.5
4. Valve inspection and test according to API598

主要外形尺寸和重量Main Dimensions & Weight

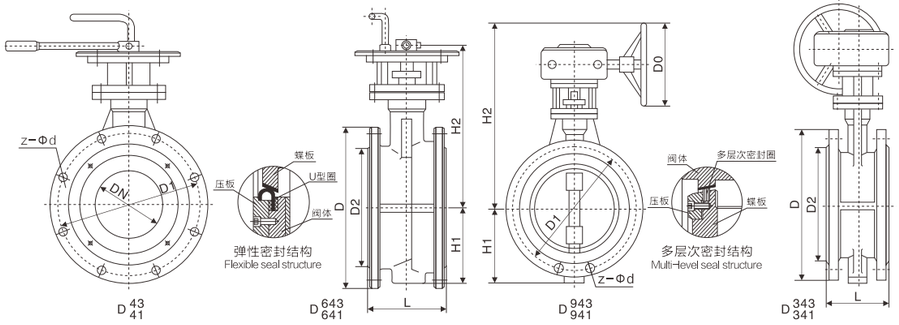
D73H-150Lb D373H-150Lb

公称通径 Nominal diameter		尺寸Dimension(mm)								重量(kg) Weight	
		L	D1	D2	z-ϕd	D0	H1	H2			
in	mm							D73	D373	D73	D373
11/2	38	33	98.4	73	4-15	140	76	200	250	3.5	7
2	51	46	120.7	92	4-19	140	85	208	260	5	8.5
21/2	64	46	139.7	105	4-19	160	95	228	284	6	11
3	76	48	152.4	127	4-19	160	106	256	322	8.5	15.5
4	102	54	190.5	157	8-19	180	114	278	338	11.5	18.5
5	127	55	215.9	186	8-22	180	130	298	372	16	22.5
6	152	57	241.3	216	8-22	230	148	326	404	20.5	28
8	203	64	298.5	270	8-22	230	176	-	496	-	50
10	254	71	362.0	324	12-25	280	210	-	558	-	64
12	305	81	431.8	381	12-25	310	238	-	632	-	80
14	337	92	476.3	413	12-29	310	270	-	672	-	104
16	387	102	539.8	470	16-29	310	302	-	714	-	137.5
18	438	114	577.9	533	16-32	380	332	-	768	-	177.5
20	489	127	635.0	584	20-32	380	370	-	828	-	227
24	591	154	749.5	692	20-35	450	432	-	952	-	306.5

D73H-300Lb D373H-300Lb

公称通径 Nominal diameter		尺寸Dimension(mm)								重量(kg) Weight	
		L	D1	D2	z-ϕd	D0	H1	H2			
in	mm							D73	D373	D73	D373
11/2	38	33	114.3	73	4-22	140	76	200	250	-	8.5
2	51	43	127.0	92	8-19	140	85	208	260	-	9.5
21/2	64	46	149.2	105	8-22	180	95	228	294	-	12
3	76	48	168.3	127	8-22	180	106	256	332	-	17
4	102	54	200.0	157	8-22	230	122	285	364	-	20
5	127	55	235.0	186	8-22	230	140	308	396	-	24.5
6	152	59	269.9	216	12-22	280	156	336	430	-	30.5
8	203	73	330.2	270	12-25	280	186	-	522	-	54
10	254	83	387.4	324	16-29	310	220	-	574	-	68
12	305	92	450.8	381	16-32	380	250	-	668	-	86
14	337	117	514.4	413	20-32	380	288	-	708	-	112
16	387	133	571.5	470	20-35	380	322	-	750	-	148
18	438	149	628.6	533	24-35	450	348	-	804	-	190
20	489	159	685.8	584	24-35	450	378	-	862	-	242
24	591	181	812.8	692	24-41	560	434	-	1008	-	326

JIS 日标法兰连接金属硬密封蝶阀
JIS Flange connection metal sealing butterfly valve



应用规范

1、设计、制造：JIS B2032
2、结构长度：ISO5752第13系列
3、连接法兰：JIS B22.12、JIS B2214
4、阀门检查和试验：JIS B2003-1987

Application Specification

1. Design & manufacture according to JIS B2032
2. Face to face according to ISO5752 of 13th series
3. End flange dimension according to JIS B22.12、JIS B2214
4. Valve inspection and test according to JIS B2003-1987

主要外形尺寸和重量Main Dimensions & Weight

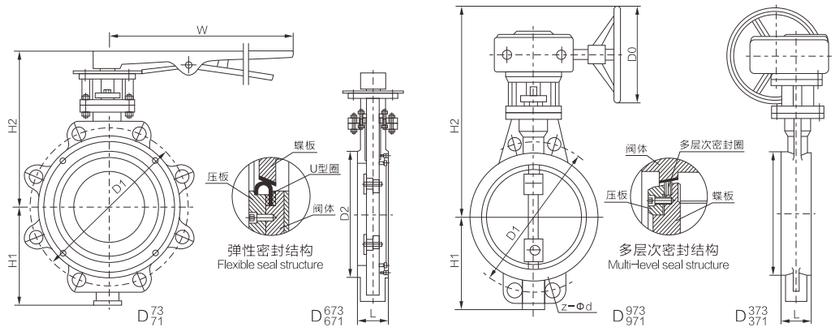
D43H-10K D343H-10K

公称通径 Nominal diameter		尺寸Dimension(mm)										重量(kg) Weight	
		L	D	D1	D2	b	z-φd	D0	H1	H2			
in	mm									D43	D343	D43	D343
11/2	40	106	140	105	81	16	4-19	140	76	198	248	8	11.5
2	50	108	155	120	96	16	4-19	140	85	202	254	9	12.5
21/2	65	112	175	140	116	18	4-19	160	95	222	278	12	17
3	80	114	185	150	126	18	8-19	160	106	246	312	14	21
4	100	127	210	175	151	18	8-19	180	114	270	330	17.5	24.5
5	125	140	250	210	182	20	8-23	180	130	294	368	23.5	30.5
6	150	140	280	240	212	22	8-23	230	148	326	404	32	42.5
8	200	152	330	290	262	22	12-23	230	176	-	496	-	86
10	250	165	400	355	324	24	12-25	280	210	-	558	-	114
12	300	178	445	400	368	24	16-25	310	238	-	632	-	142
14	350	190	490	445	413	26	16-25	310	270	-	672	-	198
16	400	216	560	510	475	28	16-27	310	302	-	714	-	268
18	450	222	620	565	530	30	20-27	380	332	-	768	-	358
20	500	229	675	620	585	30	20-27	380	370	-	828	-	468
24	600	267	795	730	690	32	24-33	450	432	-	952	-	608

D43H-20K D343H-20K

公称通径 Nominal diameter		尺寸Dimension(mm)										重量(kg) Weight	
		L	D	D1	D2	b	z-φd	D0	H1	H2			
in	mm									D43	D343	D43	D343
11/2	40	106	140	105	81	18	4-19	140	76	198	248	9.5	13
2	50	108	155	120	96	18	8-19	140	85	202	254	10.5	14
21/2	65	112	175	140	116	20	8-19	180	95	222	288	14	19
3	80	114	200	160	132	22	8-23	180	106	246	322	16.5	23.5
4	100	127	225	185	160	24	8-23	230	122	278	355	20.5	27.5
5	125	140	270	225	195	26	8-25	230	140	304	392	27	34
6	150	140	305	260	230	28	12-25	280	156	336	428	37	47.5
8	200	152	350	305	275	30	12-25	280	186	-	520	-	92
10	250	165	430	380	345	34	12-27	310	220	-	574	-	121
12	300	178	480	430	395	36	16-27	380	250	-	668	-	152
14	350	190	540	480	440	40	16-33	380	288	-	708	-	212
16	400	216	605	540	495	46	16-33	380	322	-	750	-	284
18	450	222	675	605	560	48	20-33	450	348	-	802	-	380
20	500	229	730	660	615	50	20-33	450	378	-	862	-	498
24	600	267	845	770	720	54	24-39	560	434	-	1006	-	640

JIS 日标对夹连接金属硬密封蝶阀
JIS Wafer connection metal sealing butterfly valve



应用规范

1、设计、制造：JIS B2032
2、结构长度：ISO5752第13系列
3、连接法兰：JIS B22.12、JIS B2214
4、阀门检查和试验：JIS B2003-1987

Application Specification

1. Design & manufacture according to JIS B2032
2. Face to face according to ISO5752 of 13th series
3. End flange dimension according to JIS B22.12、JIS B2214
4. Valve inspection and test according to JIS B2003-1987

主要外形尺寸和重量Main Dimensions & Weight

D73H-10K D373H-10K

公称通径 Nominal diameter		尺寸Dimension(mm)								重量(kg) Weight	
		L	D1	D2	z-φd	D0	H1	H2			
in	mm							D73	D373	D73	D373
11/2	40	33	105	81	4-19	140	76	200	250	4	7.5
2	50	46	120	96	4-19	140	85	208	260	5	8.5
21/2	65	46	140	116	4-19	160	95	228	284	6	11
3	80	48	150	126	8-19	160	110	256	322	8.5	15.5
4	100	54	175	151	8-19	180	122	278	338	11.5	18.5
5	125	55	210	182	8-23	180	138	298	372	16	22.5
6	150	57	240	212	8-23	230	158	326	404	20.5	28
8	200	64	290	262	12-23	230	188	-	496	-	50
10	250	71	355	324	12-25	280	224	-	558	-	64
12	300	81	400	368	16-25	310	254	-	632	-	80
14	350	92	445	413	16-25	310	288	-	672	-	104
16	400	102	510	475	16-27	310	320	-	714	-	138
18	450	114	565	530	20-27	380	350	-	768	-	178
20	500	127	620	585	20-27	380	388	-	828	-	228
24	600	154	730	690	24-33	450	404	-	952	-	308

蝶阀 Butterfly Valve

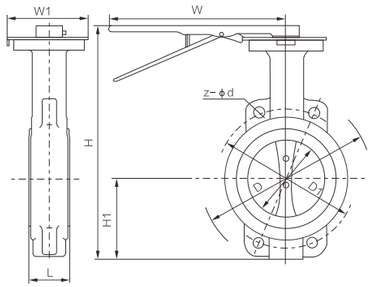
手动、蜗轮传动对夹式软密封蝶阀
Manual / worm wheel driving wafer connection soft sealing butterfly valve

应用规范

1、设计、制造：GB/Y12238−2008
2、结构长度：GB/T 12221−2005
3、连接法兰：GB4216.4−84;GB9115.8−2000
4、阀门检查和试验：GB/T13927−92

Application Specification

1. Design and manufacture according to GB/Y12238−2008
2. Face to face according to GB/T 12221−2005
3. End flange dimension according to GB4216.4−84;GB9115.8−2000
4. Valve inspection and test according to GB/T13927−92



性能规范

阀体材料：铸铁、碳钢、不锈钢等
密封圈材料：丁腈橡胶X1 −46~+121℃
氨丁橡胶X2 −29~99℃
丁腈橡胶X3 −23~+82℃
氯丁橡胶X4 −23~+150℃
聚四氟乙烯塑料F4 10~+150℃
适用介质：淡水、污水、海水、空气、蒸汽、食品、药品，各种油类、酸类、碱类、盐类等

Function Norm

Valve body material: Cast iron, carbon steel, stainless steel etc.
Seal ring material: Chemigum X1−46~+121℃
Ammonia buna X2 −29~+99℃
Chemigum X3 −23~+82℃
Neoprene X4 −23~+150℃
PTFE plastic F4 10~+150℃
Applicable medium: fresh water, sewage, seawater, air, steam, food, medicine, various oil products, acid products, alkali products, salty products, etc.

主要外形尺寸Main Dimensions

D71X/J−6/10(C.R.P.Z)

公称通径DN(mm) Nominal diameter	尺寸Dimension(mm)								
	L	D	D1	D2	z−φd	H	H1	W	W1
50	43	165	125	99	4−18	235	63	270	65
65	46	185	145	118	4−18	250	70	270	65
80	46	200	160	132	8−18	275	83	270	65
100	52	220	180	156	8−18	316	105	270	65
125	56	250	210	184	8−18	340	115	310	65
150	56	285	240	211	8−22	376	137	310	65
200	60	340	295	266	8−22	472	164	365	90

D2/371X/J−6/10(C.R.P.Z)

公称通径DN(mm) Nominal diameter	尺寸Dimension(mm)									
	L	D	D1	D2	z−φd	H	H1	W	W1	D0
50	43	165	125	99	4−18	305	62	192	125	150
65	46	185	145	118	4−18	325	69	192	125	150
80	46	200	160	132	8−18	345	85	192	125	150
100	52	220	180	156	8−18	385	105	192	125	150
125	56	250	210	184	8−18	410	114	192	125	150
150	56	285	240	211	8−22	445	138	192	125	150
200	60	340	295	266	8−22	570	165	280	165	220
250	68	395	350	319	12−22	645	205	280	165	220
300	78	445	400	370	12−22	735	228	335	175	280
350	78	505	460	429	16−22	765	250	335	175	280
400	102	565	515	480	16−26	878	288	425	210	320
450	114	615	565	530	20−26	935	325	425	210	320
500	127	670	620	582	20−26	995	345	425	210	320
600	154	780	725	682	20−30	1130	410	425	210	320
700	165	895	840	794	24−30	1475	490	620	320	400
800	190	1015	950	901	24−33	1532	530	620	320	400
900	203	1115	1050	1001	28−33	1652	580	620	320	400
1000	216	1230	1160	1112	28−36	1764	645	620	400	400
1200	254	1455	1380	1328	32−39	1998	760	620	400	400

注：1、以上蝶阀的密封试验压力DN50−DN800为1.0MPa；DN900−DN1000为0.6MPa；DN1200以上为0.25MPa
2、以上蝶阀的连接尺寸均按1.0MPa标准制造，如用户特殊要求需要，签订合同时应详细注明。

Note: 1. The seal testing pressure of the above butterfly valve is 1.0MPa for DN50−DN800, 0.6MPa for DN900−DN1000 and 0.25MPa for DN1200 above.
2. The connection size for the above butterfly is manufactured by the standard 1.0MPa, in case of special requirements by users, details should be noted in the contract.

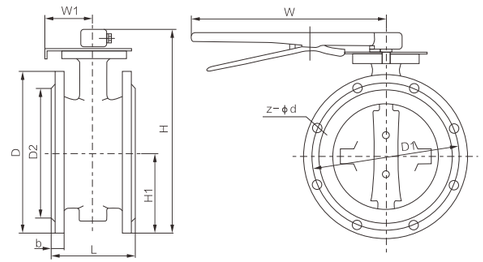
手动、蜗轮传动法兰式软密封蝶阀
Manual / worm wheel driving flange soft sealing butterfly valve

应用规范

1、设计、制造：GB/T12238−2008
2、结构长度：GB/T 12221−2005
3、连接法兰：GB4216.4−84;GB9115.8−2000
4、阀门检查和试验：GB/T13927−92

Application Specification

1. Design and manufacture according to GB/T12238−2008
2. Face to face according to GB/T 12221−2005
3. End flange dimension according to GB4216.4−84;GB9115.8−2000
4. Valve inspection and test according to GB/T13927−92



性能规范

阀体材料：铸铁、碳钢、不锈钢等
密封圈材料：丁腈橡胶X1 −46~+121℃
氨丁橡胶X2 −29~99℃
丁腈橡胶X3 −23~+82℃
氯丁橡胶X4 −23~+150℃
聚四氟乙烯塑料F4 10~+150℃
适用介质：淡水、污水、海水、空气、蒸汽、食品、药品，各种油类、酸类、碱类、盐类等

Function Norm

Valve body material: Cast iron, carbon steel, stainless steel etc.
Seal ring material: Chemigum X1−46~+121℃
Ammonia buna X2 −29~+99℃
Chemigum X3 −23~+82℃
Neoprene X4 −23~+150℃
PTFE plastic F4 10~+150℃
Applicable medium: fresh water, sewage, seawater, air, steam, food, medicine, various oil products, acid products, alkali products, salty products, etc.

主要外形尺寸Main Dimensions

D41X/J−6/10(C.R.P.Z)

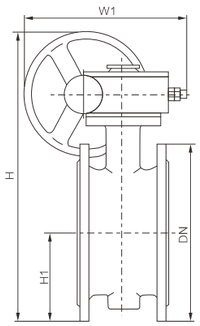
公称通径DN(mm) Nominal diameter	尺寸Dimension(mm)										重量(kg) Weight
	L	D	D1	D2	b	z−φd	H	H1	W	W1	
50	108	165	125	99	20	4−18	238	82.5	270	65	8.5
65	112	185	145	118	20	4−18	258	92.5	270	65	9.5
80	124	200	160	132	20	8−18	278	100	270	65	11
100	127	220	180	156	22	8−18	295	110	270	65	15
125	140	250	210	184	22	8−18	308	125	310	65	21
150	140	285	240	211	24	8−22	635	142.5	310	65	24
200	152	340	295	266	24	8−22	510	170	365	90	41

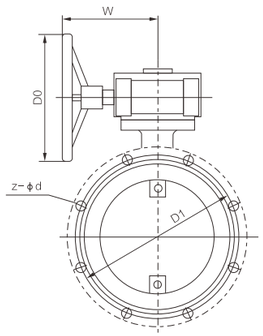
D2/341X/J−6/10(C.R.P.Z)

公称通径DN(mm) Nominal diameter	尺寸Dimension(mm)										重量(kg) Weight
	L	D	D1	D2	b	z−φd	H	H1	W	W1	D0	
50	108	165	125	99	20	4−18	305	82.5	192	125	150	13
65	112	185	145	118	20	4−18	325	92.5	192	125	150	14
80	124	200	160	132	20	8−18	345	100	192	125	150	15
100	127	220	180	156	22	8−18	385	110	192	125	150	19
125	140	250	210	184	22	8−18	410	125	192	125	150	25
150	140	285	240	211	24	8−22	445	142.5	192	125	150	27
200	152	340	295	266	24	8−22	570	170	280	165	220	48
250	250	395	350	319	26	12−22	645	192.5	280	165	220	68.5
300	270	445	400	370	26	12−22	735	222.5	335	175	280	90.5
350	290	505	460	429	26	16−22	765	252.5	355	175	280	110
400	310	565	515	480	26	16−26	878	282.5	425	210	320	140
450	330	615	565	530	28	20−26	935	307.5	425	210	320	180
500	350	670	620	582	28	20−26	995	335	425	210	320	215
600	390	780	725	682	34	20−30	1130	390	425	210	320	290
700	430	895	840	794	34	24−30	1475	447.5	620	320	400	560
800	470	1015	950	901	36	24−33	1532	507.5	620	320	400	910
900	510	1115	1050	1001	38	28−33	1650	557.5	620	320	400	1500
1000	550	1230	1160	1112	38	28−36	1768	615	620	400	400	1750
1200	630	1455	1380	1328	44	32−39	1990	727.5	620	400	400	2180

注：1、以上蝶阀的密封试验压力DN50−DN800为1.0MPa；DN900−DN1000为0.6MPa；DN1200以上为0.25MPa
2、以上蝶阀的连接尺寸均按1.0MPa标准制造，如用户特殊要求需要，签订合同时应详细注明。

Note: 1. The seal testing pressure of the above butterfly valve is 1.0MPa for DN50−DN800, 0.6MPa for DN900−DN1000 and 0.25MPa for DN1200 above.
2. The connection size for the above butterfly is manufactured by the standard 1.0MPa, in case of special requirements by users, details should be noted in the contract.





用途及特点 Usage and characteristic

本阀采用阀体同质材料加工成密封圈，采用蜗轮传动。一般适用于工业、环保等管路作通风型调节介质流量之用。

The butterfly valve has a seal ring with the same material as that of the valve body and adopts the worm gear actuator, which is generally applicable for such pipelines as for industries and environmental protection as a ventilation type to regulate the medium flow.

应用规范

1、设计、制造：GB/T12238-89
2、结构长度：GB/T 12221-89
3、连接法兰：GB4216.4-84;GB9115.8-88
4、阀门检查和试验：GB/T13927-92

Application Specification

1. Design and manufacture according to GB/Y12238-89
2. Face to face according to GB/T 12221-89
3. End flange dimension according to GB4216.4-84;GB9115.8-88
4. Valve inspection and test according to GB/T13927-92

主要技术参数 Main Technology Parameter

公称通径DN(mm)Nominal Diameter		50~2000		
公称压力PN(MPa)Nominal Pressure		0.05	0.25	0.6
试验压力PS(MPa) Testing Pressure	强度试验 Strength test	0.075	0.375	0.9
	密封试验 Sealing test	≤1.5%泄漏量 Leakage amounts		
适用温度(℃) Applicable Temperature		-40~570℃		
适用介质 Applicable Medium		煤气、含尘气体、烟道气等 Coal gas, dusty gas and flue-gas etc.		

主要零件材料Main Parts Material

零件名称 Parts	材料 Material
阀体 Body	铸钢、不锈钢、铬镍钼钛钢、钛钢、铬钼矾钢 Cast steel, Stainless steel, Cr-Ni-Mo-Ti steel, Cr-Mo-alum steel
阀板 Disc	铸钢、不锈钢、铬镍钼钛钢、钛钢、铬钼矾钢 Cast steel, Stainless steel, Cr-Ni-Mo-Ti steel, Cr-Mo-alum steel
阀杆 Stem	碳钢、不锈钢、2Cr13、铬镍钼钛钢 Cast steel, Stainless steel, 2Cr13, Cr-Mo-alum steel
阀座 Seat	与阀体相同 Same as body
镶插杆 Mounted with bayonet	氟塑料、柔性石墨 Fluorine plastics, flexible graphite

主要外形尺寸和重量Main Dimensions & Weight

D941H-0.5~6C

公称通径DN(mm) Nominal diameter	尺寸Dimension(mm)									重量(kg) Weight
	L	D	D1	z-ϕd	H	H1	W	W1	D0	
50	108	140	110	4-14	286	70	125	193	150	14
65	112	160	130	4-14	306	80	125	193	150	15
80	124	190	150	4-18	334	95	125	193	150	17
100	127	210	170	4-18	354	105	125	193	150	20
125	140	240	200	8-18	384	120	125	193	150	25
150	140	265	225	8-18	409	132.5	125	193	150	29
200	152	320	280	8-18	593	160	165	283	220	47
250	165	375	335	12-18	650	187.5	165	283	220	67
300	178	440	395	12-22	715	220	165	283	220	78
350	190	490	445	12-22	814	245	175	334	280	96
400	216	541	495	16-22	863	270	175	334	280	130
450	222	595	550	16-22	918	297.5	175	334	280	142
500	229	645	600	20-22	1016	322.5	210	425	320	191
600	267	755	705	20-26	1128	377.5	210	425	320	230
700	292	860	810	24-26	1233	430	210	425	320	250
800	218	975	920	24-30	1344	487.5	210	425	320	320
900	330	1075	1120	24-30	1560	537.5	320	620	400	410
1000	410	1175	1120	28-30	1600	587.5	320	620	400	510
1200PN0.6	470	1405	1340	32-33	1890	702.5	320	620	400	720
1200PN0.25	470	1375	1320	32-30	1860	687.5	320	620	400	700
1400	530	1420	-	36-30	2670	-	-	-	-	1270
1600	600	1620	-	40-33	2810	-	-	-	-	1730
1800	670	1820	-	44-39	3020	-	-	-	-	2750
2000	760	2020	-	48-42	3220	-	-	-	-	3050

主要特点

1、全通径，浮动/固定球
2、中法兰螺栓连接
3、防冲出阀杆
4、美标结构改进型
5、启闭定位机构
6、蜗轮操作选配
7、标准法兰连接
8、对焊连接

Chief Features

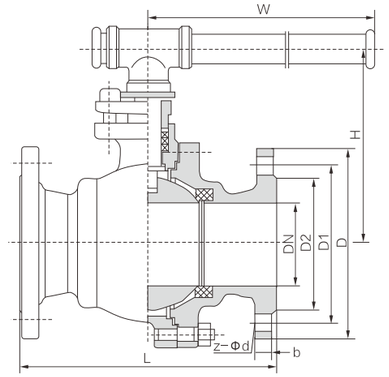
1.Full port, floating or trunnion mounted type
2.Bolted bonnet
3.Blow out proof stem
4.Structure improve on API
5.Opening and closing position
6.Available with wormgear operator
7.Flanged ends
8.Butt-welding ends

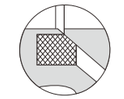
产品规范 Product Specification

设计规范 Design Spec	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test & Inspection	产品标识 Marking	供货规范 Supply
GB/T 12237 JB/T 7745	GB/T12221 JB/T7745	JB/T79	JB/T9092	GB/T12220	JB/T7928
API 608 API6D	ANSI B16.10 API6D	ANSI B16.5	API598 API6D	MSS SP-25 API6D	API608 API6D

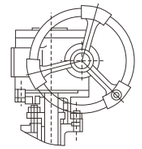
主要零件材料 Main Part Material

零件名称 Part Name	零部件材料 Part Material					
	JB/T7298			API608/API6D		
阀体、阀盖 Body/Bonnet	WCB	25	ZG1Cr18Ni9Ti	WCB	A105	CF8M
球体 Ball	2Cr13	2Cr13	1Cr18Ni9Ti	A182-F304	A182-F304	A182-F316
阀杆 Stem	2Cr13	2Cr13	1Cr18Ni9Ti	A182-F6a	A182-F6a	A182-F316
阀座 Seat Ring	25		1Cr18Ni9Ti	A105		A182-F316
密封圈 Seat	PTFE		R.PTFE	PTFE		R.PTFE
填料 Packing	聚四氟乙烯 PTFE+FPM			聚四氟乙烯 PTFE+FPM		
垫片 Gasket	18-8/柔性石墨/18-8/Flexible Graphite+聚四氟乙烯 PTFE+FPM					
螺栓 Bolt	35	35	1Cr18Ni9Ti	A193-B7	A193-B7	A193-B8M
适用温度 Applicable Temp.	-29~212℃	-40~121℃		-29~121℃	-40~121℃	
适用介质 Applicable Medium	水、油品、天然气 Water,Oil,Gas		硝酸类 Nitric Acid	水、油品、天然气 Water,Oil,Gas		硝酸类 Nitric Acid





防火结构
Fire safe



蜗轮传动
Worm gear operation

主要外形和连接尺寸 Main External and Connection Dimension

产品型号 Type	公称通径 DN	PN1.6MPa								WT(kg)
		L	D	D1	D2	b	Z-ϕd	H	W	
Q41F-16C Q41F-16P Q641F-16C Q641F-16P Q9B41F-16C Q9B41F-16P	15	130	95	65	45	14	4-14	78	140	3
	20	140	105	75	55	14	4-14	84	160	4
	25	150	115	85	65	14	4-14	95	180	5
	32	165	135	100	78	16	4-18	150	250	9
	40	180	145	110	85	16	4-18	150	300	11
	50	200	160	125	100	16	4-18	170	350	15
	65	220	180	145	120	18	4-18	195	350	19
	80	250	195	160	135	20	8-18	215	400	27
	100	280	215	180	155	20	8-18	250	500	38
	125	320	245	210	185	22	8-18	265	600	58
	150	360	280	240	210	24	8-23	270	800	81
	200	400	335	295	265	26	12-23	330	800	95
	250	533	405	355	320	30	12-25	450	1300	140

球阀 Ball valve

法兰球阀
Flange ball valve

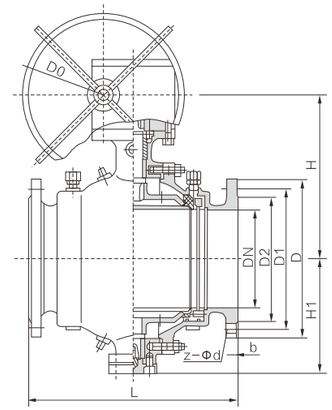
主要外形和连接尺寸 Main External and Connection Dimension

产品型号 Type	公称通径 DN	PN2.5MPa								WT(kg)
		L	D	D1	D2	b	Z-φd	H	W	
Q41F-25C Q41F-25P Q641F-25C Q641F-25P Q9B41F-25C Q9B41F-25P	15	130	95	65	45	16	4-14	103	100	3
	20	140	105	75	55	16	4-14	112	160	4
	25	150	115	85	65	16	4-14	123	160	6
	32	165	135	100	78	18	4-18	150	250	10
	40	180	145	110	85	18	4-18	156	250	14
	50	200	160	125	100	20	4-18	172	350	20
	65	220	180	145	120	22	8-18	197	350	25
	80	250	195	160	135	22	8-18	222	450	30
	100	280	230	190	160	24	8-23	253	450	40
	125	320	270	220	188	28	8-25	275	600	65
	150	360	300	250	218	30	8-25	286	800	85
	200	400	360	310	278	34	12-25	340	1200	100
	250	533	425	370	332	36	12-30	470	1400	165

产品型号 Type	公称通径 DN	PN4.0MPa								WT(kg)
		L	D	D1	D2	b	Z-φd	H	W	
Q41F-40 Q41F-40P Q341F-40 Q341F-40P Q641F-40 Q641F-40P Q9B41F-40 Q9B41F-40P	15	130	95	65	45	16	4-14	103	100	3
	20	150	105	75	55	16	4-14	112	160	4
	25	160	115	85	65	16	4-14	123	160	6
	32	180	135	100	78	18	4-18	150	250	10
	40	200	145	110	85	18	4-18	156	250	14
	50	230	160	125	100	20	4-18	172	350	20
	65	290	180	145	120	22	8-18	197	350	25
	80	310	195	160	135	22	8-18	222	450	30
	100	350	230	190	160	24	8-23	253	450	40
	125	381	270	220	188	28	8-25	275	600	65
	150	403	300	250	218	30	8-25	286	800	85
	200	502	375	320	282	38	12-30	340	1200	100
	250	568	445	385	345	42	12-34	470	1400	165

产品型号 Type	公称通径 DN	PN6.4MPa								WT(kg)
		L	D	D1	D2	b	Z-φd	H	W	
Q41F-64 Q41F-64P Q341F-64 Q341F-64P Q641F-64 Q641F-64P Q9B41F-64 Q9B41F-64P	15	165	105	75	55	18	4-14	105	130	3.1
	20	190	125	900	68	20	4-18	125	130	4.9
	25	216	135	100	78	22	4-18	135	160	7.2
	32	229	150	110	82	24	4-23	150	160	8.7
	40	241	165	125	95	24	4-23	165	230	12.1
	50	292	175	135	105	26	4-23	175	230	16.7
	65	330	200	160	130	28	8-23	200	400	28.2
	80	356	210	170	140	30	8-23	210	400	36
	100	406	250	200	168	32	8-25	250	700	66
	125	508	295	240	202	36	8-30	295	1100	98
	150	559	340	280	240	38	8-34	340	1500	142

固定式球阀
Trunnion-mounted ball valve



耐火结构
Fire safe

防静电结构
Anti static safety

主要外形和连接尺寸 Main External and Connection Dimension

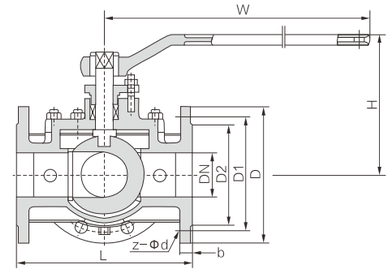
产品型号 Type	公称通径 DN	PN1.6MPa									WT(kg)
		L	D	D1	D2	b	Z-φd	H	H1	W	
Q47F-16C Q47F-16P Q67F-16C Q347F-16C Q347F-16P Q367F-16C Q647F-16C Q647F-16P Q667F-16C Q747F-16C Q747F-16P Q767F-16C Q9B47F-16C Q9B47F-16P Q9B67F-16C	50	178	160	125	100	16	4-18	177	120	-	15
	65	222	180	145	120	18	4-18	190	140	-	19
	80	241	195	160	135	20	8-18	210	150	-	27
	100	305	215	180	155	20	8-18	235	172	-	38
	125	356	245	210	185	22	8-18	350	215	-	58
	150	394	280	240	210	24	8-23	530	250	-	81
	200	457	335	295	265	26	12-23	620	290	600	140
	250	533	405	355	320	30	12-25	650	320	600	160
	300	610	460	410	375	30	12-25	780	360	600	205
	350	686	520	470	435	34	16-25	790	395	800	260
	400	762	580	525	485	36	16-30	920	450	800	390
	450	864	640	585	545	40	20-30	970	490	800	510
	500	914	705	650	608	44	20-34	1100	530	800	750
	600	1067	840	770	718	48	20-41	1150	590	800	1200
	700	1245	910	840	788	50	24-41	1850	700	800	2100

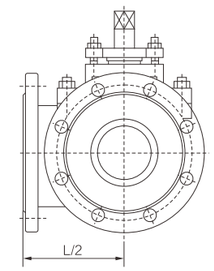
主要外形和连接尺寸 Main External and Connection Dimension

产品型号 Type	公称通径 DN	PN2.5MPa									WT(kg)
		L	D	D1	D2	b	Z-φd	H	H1	W	
Q47F-25 Q47F-25P Q67F-25	50	203	160	125	100	20	4-18	177	120	-	20
	65	222	180	145	120	22	8-18	190	140	-	25
	80	241	195	160	135	22	8-18	210	150	-	30
Q347F-25 Q347F-25P Q367F-25	100	305	230	190	160	24	8-23	235	172	-	40
	125	356	270	220	188	28	8-25	350	215	-	65
	150	394	300	250	218	30	8-25	530	250	-	85
Q647F-25 Q647F-25P Q667F-25	200	457	360	310	278	34	12-25	620	290	600	100
	250	533	425	370	332	36	12-30	650	320	600	182
	300	610	485	430	390	40	16-30	780	360	600	212
Q747F-25 Q747F-25P Q767F-25	350	686	550	490	448	44	16-34	790	395	800	288
	400	762	610	550	505	48	16-34	920	450	800	468
Q9B47F-25 Q9B47F-25P Q9B67F-25	450	864	660	600	555	50	20-34	970	490	800	587
	500	914	730	660	610	52	20-41	1100	530	800	863
	600	1067	840	770	718	56	20-41	1150	590	800	1396
	700	1346	955	875	815	60	24-48	1850	700	800	2415

产品型号 Type	公称通径 DN	PN4.0MPa										WT(kg)
		L	D	D1	D2	D6	b	Z-φd	H	H1	W	
Q47F-40 Q47F-40P Q67F-40	50	216	160	125	100	88	20	4-18	177	120	-	20
	65	241	180	145	120	110	22	8-18	190	140	-	25
	80	282	195	160	135	121	22	8-18	210	150	-	30
Q347F-40 Q347F-40P Q367F-40	100	305	230	190	160	150	24	8-23	235	172	-	40
	125	381	270	220	188	176	28	8-25	350	215	-	65
	150	403	300	250	218	204	30	8-25	530	250	-	85
Q647F-40 Q647F-40P Q667F-40	200	502	375	320	282	260	38	12-30	620	290	600	100
	250	568	445	385	345	313	42	12-34	650	320	600	182
	300	648	510	450	408	364	46	16-34	780	360	600	212
Q747F-40 Q747F-40P Q767F-40	350	762	570	510	465	422	52	16-34	790	395	800	288
	400	838	655	585	535	474	58	16-41	920	450	800	468
Q9B47F-40 Q9B47F-40P Q9B67F-40	450	914	680	610	560	524	60	20-41	970	490	800	587
	500	991	755	670	612	576	62	20-48	1100	530	800	863
	600	1143	890	795	730	678	62	20-54	1150	590	800	1396
	700	1346	995	900	835	768	68	24-54	1850	700	800	2415

产品型号 Type	公称通径 DN	PN6.4MPa										WT(kg)
		L	D	D1	D2	D6	b	Z-φd	H	H1	W	
Q47F-64 Q47F-64P Q67F-64	50	292	175	135	105	88	26	4-23	177	120	-	21
	65	330	200	160	130	110	28	8-23	190	140	-	28
	80	356	210	170	140	121	30	8-23	210	150	-	36
Q347F-64 Q347F-64P Q367F-64	100	432	250	200	168	150	32	8-25	235	172	-	66
	125	508	295	240	202	176	36	8-30	350	215	-	98
	150	559	340	280	240	204	38	8-34	530	250	600	142
Q647F-64 Q647F-64P Q667F-64	200	660	405	345	300	260	44	12-34	620	290	600	287
	250	787	470	400	352	313	48	12-41	650	320	600	540
	300	838	530	460	412	364	54	16-41	780	360	600	780
Q747F-64 Q747F-64P Q767F-64	350	889	595	525	475	422	60	16-41	790	395	800	1000
	400	991	670	585	525	474	66	16-48	920	450	800	1300
Q9B47F-64 Q9B47F-64P Q9B67F-64	450	1092	670	630	570	524	70	20-48	970	490	800	1700
	500	1194	800	705	640	576	70	20-54	1100	530	800	2100
	600	1397	930	820	750	678	76	20-58	1150	590	800	3400





主要外形和连接尺寸 Main External and Connection Dimension

产品型号 Type	公称通径 DN	PN1.6MPa								WT(kg)
		L	D	D1	D2	b	Z-φd	H	W	
Q44F-16C Q44F-16P Q644F-16C Q644F-16P Q944F-16C Q944F-16P Q45F-16C Q45F-16P Q645F-16C Q645F-16P Q945F-16C Q945F-16P	15	150	95	65	45	14	4-14	95	140	4
	20	160	105	75	55	14	4-14	105	160	5
	25	180	115	85	65	14	4-14	113	180	7
	32	200	135	100	78	16	4-18	135	250	12
	40	220	145	110	85	16	4-18	142	300	15
	50	240	160	125	100	16	4-18	154	350	20
	65	260	180	145	120	18	4-18	175	350	25
	80	280	195	160	135	20	8-18	190	400	36
	100	320	215	180	155	20	8-18	225	500	51
	125	380	245	210	185	22	8-18	245	600	77
	150	440	280	240	210	24	8-23	265	800	108
	200	550	335	295	265	26	12-23	305	800	126
	250	670	405	355	320	30	12-25	370	1300	186

球阀 Ball valve

主要外形和连接尺寸 Main External and Connection Dimension

产品型号 Type	公称通径 DN	PN2.5MPa								WT(kg)
		L	D	D1	D2	b	Z-φd	H	W	
Q44F-25 Q44F-25P Q644F-25 Q644F-25P Q944F-25 Q944F-25P Q45F-25 Q45F-25P Q645F-25 Q645F-25P Q945F-25 Q945F-25P	15	150	95	65	45	16	4-14	95	100	4
	20	160	105	75	55	16	4-14	105	160	5
	25	180	115	85	65	16	4-14	113	160	8
	32	200	135	100	78	18	4-18	135	250	13
	40	220	145	110	85	18	4-18	142	250	19
	50	240	160	125	100	20	4-18	154	350	27
	65	260	180	145	120	22	8-18	175	350	33
	80	280	195	160	135	22	8-18	190	450	40
	100	320	230	190	160	24	8-23	225	450	53
	125	380	270	220	188	28	8-25	245	600	86
	150	440	300	250	218	30	8-25	265	800	113
	200	550	360	310	278	34	12-25	305	1200	133
	250	670	425	370	332	36	12-30	370	1400	219

产品型号 Type	公称通径 DN	PN4.0MPa									WT(kg)
		L	D	D1	D2	D6	b	Z-φd	H	W	
Q44F-40 Q44F-40P Q644F-40 Q644F-40P Q944F-40 Q944F-40P Q45F-40 Q45F-40P Q645F-40 Q645F-40P Q945F-40 Q945F-40P	15	150	95	65	45	40	16	4-14	95	100	4
	20	160	105	75	55	51	16	4-14	105	160	5
	25	180	115	85	65	58	16	4-14	113	160	8
	32	200	135	100	78	66	18	4-18	135	250	13
	40	220	145	110	85	76	18	4-18	142	250	19
	50	240	160	125	100	88	20	4-18	154	350	27
	65	260	180	145	120	110	22	8-18	175	350	33
	80	280	195	160	135	121	22	8-18	190	450	40
	100	320	230	190	160	150	24	8-23	225	450	53
	125	380	270	220	188	176	28	8-25	245	600	86
	150	440	300	250	218	204	30	8-25	265	800	113
	200	550	375	310	282	260	38	12-30	305	1200	133
	250	670	455	370	345	313	42	12-34	370	1400	219

性能规范 Performance Specification

试验压力 Test Pressure

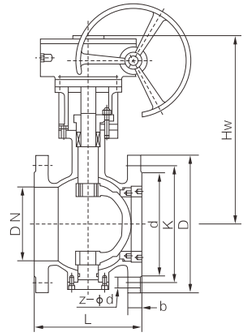
公称压力 Nominal Pressure	常温最大工作压力 Maximum Working Pressure at Room Temperature	壳体试验压力 Shells Test Pressure	气密封试验压力 Gas Seal Testing Pressure	高压密封试验压力 High-Pressure Sealing Test Pressure
1.6	1.6	2.4	0.6	1.76
2.5	2.5	3.8	0.6	2.75
4.0	4.0	6.0	0.6	4.4
6.4	6.4	9.6	0.6	7.1
Class150	2.0	3.0	0.6	2.2
Class300	5.0	7.5	0.6	5.5

使用范围 Uses Scopes

壳体材料 Shells Materials	阀座材料 Valve Seats Materials	适用温度 Applicable Temperature	适用介质 Applicable Medium
碳钢C型 C-type Carbon Steel	PTFE+不锈钢 PTFE+Stainless Steel	≤150℃	水、蒸汽、油品等 Water, Steam, Oil etc
	不锈钢 Stainless Steel	≤250℃	
铬镍钛钢P型 Chromium Nickel Titanium Steel P	PTFE+不锈钢 PTFE+Stainless Steel	≤150℃	硝酸类 Niter acids
	不锈钢 Stainless Steel	≤200℃	
铬镍钛钢R型 Chromium Nickel Titanium Steel R	PTFE+不锈钢 PTFE+Stainless Steel	≤150℃	醋酸类 Vinegar acids
	不锈钢 Stainless Steel	≤200℃	
铬镍钛钢I型 Chromium Nickel Titanium Steel I	本体+硬质合金 Main Bodies + Hard alloy	≤550℃	蒸汽、冶炼、能源 Steam, Smelting, Energy

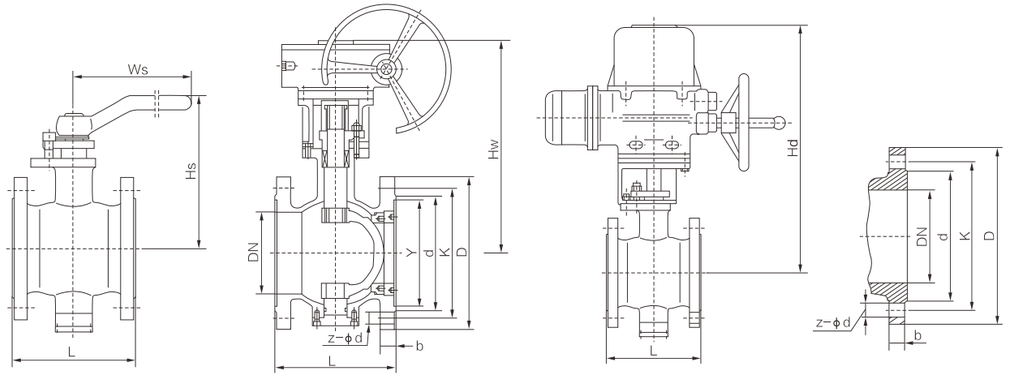
主要零件材料 Main Parts Materials

阀体、阀盖 Body,bonnet	GB	WCB	ZG1Cr18Ni9Ti	ZG0Cr18Ni12Mo2Ti	ZG15Cr1Mo1V
	ASTM	WCB	CF8	CF8M	WC9
球体 Ball	GB	ZG2Cr13	ZG1Cr18Ni9Ti/ 表面特殊处理 Surfaces Special Handling	ZG0Cr18Ni12Mo2Ti/ 表面特殊处理 Surfaces Special Handling	ZG15Cr1Mo1V/ 表面特殊处理 Surfaces Special Handling
	ASTM	CA15	CF8+HF	CF8M+HF	WC9+HF
阀杆Stem	GB	2Cr13	1Cr18Ni9Ti	0Cr18Ni12Mo2Ti	25Cr2Mo2V
	ASTM	420	304	316	F22a
阀座Seat	GB	PTFE 2Cr13	PTFE 1Cr18Ni9Ti	PTFE 0Cr18Ni12Mo2Ti	D517
	ASTM	PTFE 420	PTFE 304	PTFE 316	HF
填料 Packing	GB	PTFE 柔性石墨 Flexible Graphite	PTFE 柔性石墨 Flexible Graphite	PTFE 柔性石墨 Flexible Graphite	柔性石墨 Flexible Graphite
	ASTM	PTFE 柔性石墨 Flexible Graphite	PTFE 柔性石墨 Flexible Graphite	PTFE 柔性石墨 Flexible Graphite	柔性石墨 Flexible Graphite
螺栓 Bolt	GB	35	0Cr18Ni9	0Cr18Ni9	15Cr1Mo1V
	ASTM	A193 B7	A320-B8	A320-B8	A193 B16
螺母 Nuts	GB	45	0Cr18Ni9	0Cr18Ni9	20CrMo
	ASTM	A194 2H	A194-8	A194-8	A194-4



主要外形和连接尺寸 Main External and Connection Dimension

公称压力PN	公称通径DN	尺寸(mm)										
		L	D	K	d	Y	b	z-ϕd0	Ws	Hs	Hw	Hd
1.6MPa	50	124	165	125	100	–	16	4-18	230	164	260	310
	65	145	185	145	120	–	18	4-18	250	180	275	330
	80	165	200	160	135	–	20	8-18	300	200	300	360
	100	194	220	180	155	–	20	8-18	320	235	335	390
	125	210	250	210	185	–	22	8-18	400	260	355	405
	150	229	285	240	210	–	24	8-23	500	280	375	440
	200	243	340	295	265	–	26	12-23	800	320	410	470
	250	297	405	355	320	–	30	12-25	1000	355	485	550
	300	338	460	410	375	–	30	12-25	1200	400	530	595
	350	400	520	470	435	–	34	16-25	–	–	580	650
	400	400	580	525	485	–	36	16-30	–	–	650	730
	450	502	640	585	545	–	40	20-30	–	–	710	790
	500	533	715	650	608	–	44	20-34	–	–	760	840
	600	686	840	770	718	–	48	20-41	–	–	870	960
	700	762	910	840	788	–	50	24-41	–	–	910	1080
	800	864	1025	950	898	–	52	24-41	–	–	935	1125
	900	914	1125	1050	998	–	54	28-41	–	–	995	1255
	1000		1255	1170	1110	–	56	28-48	–	–	1080	1385
	1200		1485	1390	1325	–	58	32-54	–	–	1175	1490
	1400		1685	1590	1525	–	60	36-54	–	–	1280	1565
2.5MPa	50	124	165	125	1000	–	20	4-18	230	164	260	310
	65	145	185	145	120	–	22	8-18	250	180	275	330
	80	165	200	160	135	–	22	8-18	300	200	300	360
	100	194	230	190	160	–	24	8-23	320	235	335	390
	125	210	270	220	188	–	28	8-25	400	260	355	405
	150	229	300	250	218	–	30	8-25	500	280	375	440
	200	243	360	310	278	–	34	12-25	800	320	410	470
	250	297	425	370	332	–	36	12-30	1000	355	485	550
	300	338	485	430	390	–	40	16-30	1200	400	530	595
	350	400	555	490	448	–	44	16-34	–	–	580	650
	400	400	620	550	505	–	48	16-34	–	–	650	730
	450	502	670	600	555	–	50	20-34	–	–	710	790
	500	533	730	660	610	–	52	20-41	–	–	760	840
	600	686	845	770	718	–	56	20-41	–	–	870	960
	700	762	960	875	815	–	60	24-48	–	–	990	1080
	800	864	1085	990	930	–	64	24-48	–	–	935	1125
	900	914	1185	1090	1025	–	66	28-54	–	–	995	1255
	1000		1320	1210	1140		68	28-58	–	–	1080	1385
	1200		1520	1420	1350		72	32-58	–	–	1175	1490
	1400		1755	1640	1560		78	36-65	–	–	1280	1565



主要外形和连接尺寸 Main External and Connection Dimension

公称压力PN	公称通径DN	尺寸(mm)										
		L	D	K	d	Y	b	z-ϕd0	Ws	Hs	Hw	Hd
4.0MPa	50	124	165	125	100	88	20	4-18	250	180	275	325
	65	145	185	145	120	110	22	8-18	300	200	290	345
	80	165	200	160	135	121	22	8-18	320	220	315	375
	100	194	235	190	160	150	24	8-23	400	260	350	405
	125	210	270	220	188	176	28	8-25	500	290	370	420
	150	229	300	250	218	204	30	8-25	800	310	390	455
	200	245	375	320	282	260	38	12-30	1000	350	435	495
	250	297	450	385	345	313	42	12-34	1200	390	510	575
	300	338	515	450	408	364	46	16-34	–	–	555	620
	350	400	580	510	465	422	52	16-34	–	–	605	675
	400	400	660	585	535	474	58	16-41	–	–	675	755
	450	502	685	610	560	524	60	20-41	–	–	735	815
	500	533	755	670	612	576	62	20-48	–	–	785	870
6.4MPa	50	124	180	135	105	88	26	4-23	400	180	275	325
	65	145	205	160	130	110	28	8-23	500	200	290	345
	80	165	215	170	140	121	30	8-23	650	220	315	375
	100	194	250	200	168	150	32	8-25	800	260	350	405
	125	210	295	240	202	176	36	8-30	1000	290	370	420
	150	229	345	280	240	204	38	8-34	1200	310	390	455
	200	245	405	345	300	260	44	12-34	1400	350	435	495
	250	297	470	400	352	313	48	12-41	–	–	510	575
	300	338	530	460	412	364	54	16-41	–	–	555	620
	350	400	600	525	475	422	60	16-41	–	–	605	675
	400	400	670	585	525	474	66	16-48	–	–	675	760

球阀 Ball valve

结构特点及用途

1、压力损失小：全开时水损为零，流道完全畅通，且介质不会沉积在阀体中的腔内。
2、耐颗粒磨损：V形开口的球冠与金属阀座之间具有剪切作用，在关闭过程中，只在最后一刻球冠才靠向阀座，不形成磨擦，且阀座用耐磨的镍合金制成，不易被冲刷磨损，因而适用于含水量纤维、微小固体颗粒、浆等。
3、适合高流速介质：直通流道，坚固的偏心一曲轴使之适合高流速且无振动。
4、寿命长：无易损部件，由于偏心作用，阀门启闭时密封间无磨擦，则使用寿命长。
5、维修方便：阀门维修时不需从管路上拆下，只要打开阀盖即可进行维修。
6、广泛适用于水、污水、含水量微小固体颗粒、水、蒸汽、煤气、天然气、油品等。

Structural Characteristics and Uses

1.Little Pressure loss: Water loss is zero at full open, completely smooth flow, which will not be deposited on dielectric valve cavity.
2.Bears the particles attrition: V Shape opens the mouth between the ball crown and the metal valve seat the action is shear, in the closure process, only then depends on is last the moment ball crown to the valve seat, does no form the friction, also the valve seat makes with the wear-resisting nickel alloy, is not easily washed out the attrition, thus is suitable to contains the textile fiber, the small solid particle, the thick liquid and so on.
3.Suitable for high-velocity media: Direct flow, solid eccentric crank make it suitable for high speed without vibration.
4.Long life: no vulnerable parts, there is no friction between the sealing surface when the valve opens and close due to the function of the eccentric, therefore there is long life.
5.Easy maintenance: Valve repair without remove from the pipeline, as long as the valve cover is opened for maintenance.
6.Widely used in water, sewage containing tiny solid particles, water, steam, coal gas, natural gas, oil etc.

执行标准

1、设计和制造：GB/T12237-1989
2、检验和试验：GB/T13927-1992
3、法兰连接：GB/T9113.1-2000
4、结构长度：JD-2004

Implementation of the standards

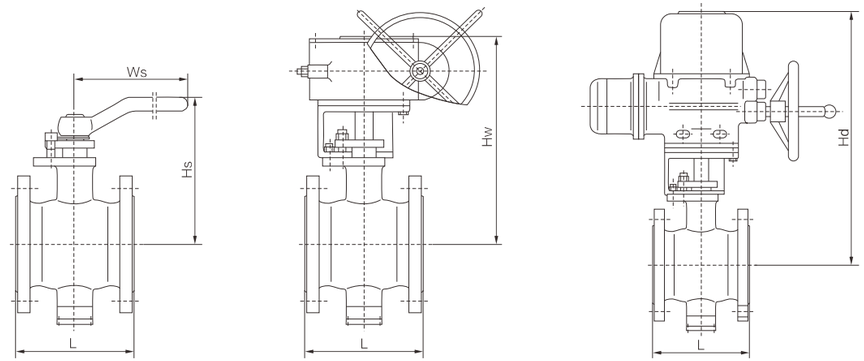
1.Design & manufacture: GB/T12237-1989
2.Inspection and testing: GB/T13927-1992
3.Flange connection: GB/T9113.1-2000
4.Face to face Dimension: JD-2004

主要零件材料Main Parts Material

阀体、阀盖 Body,bonnet	GB	WCB	ZG1Cr18Ni9Ti	ZG0Cr18Ni12Mo2Ti	ZG15Cr1Mo1V
	ASTM	WCB	CF8	CF8M	WC9
球体 Ball	GB	ZG2Cr13	ZG1Cr18Ni9Ti/ 表面特殊处理 Surfaces Special Handling	ZG0Cr18Ni12Mo2Ti/ 表面特殊处理 Surfaces Special Handling	ZG15Cr1Mo1V/ 表面特殊处理 Surfaces Special Handling
	ASTM	CA15	CF8+HF	CF8M+HF	WC9+HF
阀杆Stem	GB	2Cr13	1Cr18Ni9Ti	0Cr18Ni12Mo2Ti	25Cr2Mo2V
	ASTM	420	304	316	F22a
阀座seat	GB	PTFE 2Cr13	PTFE 1Cr18Ni9Ti	PTFE 0Cr18Ni12Mo2Ti	D517
	ASTM	PTFE 420	PTFE 304	PTFE 316	HF
填料 Packing	GB	PTFE 柔性石墨 Flexible Graphite	PTFE 柔性石墨 Flexible Graphite	PTFE 柔性石墨 Flexible Graphite	柔性石墨 Flexible Graphite
	ASTM	PTFE 柔性石墨 Flexible Graphite	PTFE 柔性石墨 Flexible Graphite	PTFE 柔性石墨 Flexible Graphite	柔性石墨 Flexible Graphite
螺栓 bolt	GB	35	0Cr18Ni9	0Cr18Ni9	15Cr1Mo1V
	ASTM	A193 B7	A320-B8	A320-B8	A193 B16
螺母 Nuts	GB	45	0Cr18Ni9	0Cr18Ni9	20CrMo
	ASTM	A194 2H	A194-8	A194-8	A194-4

上装偏心半球阀
Up-loaded eccentric ball valve

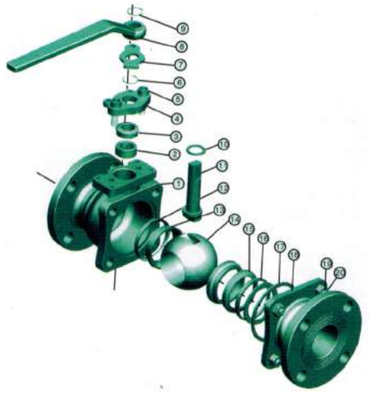
球阀 Ball valve



主要外形和连接尺寸 Main External and Connection Dimension

公称压力PN	公称通径DN	尺寸(mm)							
		L	D	K	d	b	z-φd0	Hw	Hd
1.0MPa	100	229	220	180	156	22	8-18	330	380
	125	254	250	210	184	22	8-18	345	405
	150	267	285	240	211	24	8-22	370	440
	200	292	340	295	266	24	8-22	405	470
	250	330	395	350	319	26	12-22	480	540
	300	356	445	400	370	26	12-22	520	580
	350	430	505	460	429	26	16-22	570	630
	400	530	565	515	480	26	16-26	630	710
	450	580	615	565	530	28	20-26	690	770
	500	660	670	620	582	28	20-26	740	820
	600	840	780	725	682	34	20-30	840	940
	700	900	895	840	794	34	24-30	960	1040
	800	1000	1015	950	901	36	24-33	1080	1180
	900	1100	1115	1050	1001	38	28-33	1190	1280
	1000	1200	1230	1160	1112	38	28-36	1310	1420
	1200	1300	1455	1380	1328	44	32-39	1420	1530
	1400	1500	1675	1590	1530	48	36-42	1540	1650
1.6MPa	100	229	220	180	156	22	8-18	330	380
	125	254	250	210	184	22	8-18	345	405
	150	267	285	240	211	24	8-22	370	440
	200	292	340	295	266	24	12-22	405	470
	250	330	405	355	319	26	12-26	480	540
	300	356	460	410	370	28	12-26	520	580
	350	430	520	470	429	30	16-26	570	630
	400	530	580	525	480	32	16-30	630	710
	450	580	640	585	548	40	20-30	690	770
	500	660	715	650	698	44	20-33	740	820
	600	840	840	770	720	54	20-36	840	940
	700	900	910	840	794	40	24-36	960	1040
	800	1000	1025	950	901	42	24-39	1080	1180
	900	1100	1125	1050	1001	44	28-39	1190	1280
	1000	1200	1255	1170	1112	46	28-42	1310	1420
	1200	1300	1485	1390	1328	52	32-48	1420	1530
	1400	1500	1685	1590	1530	58	36-48	1540	1650

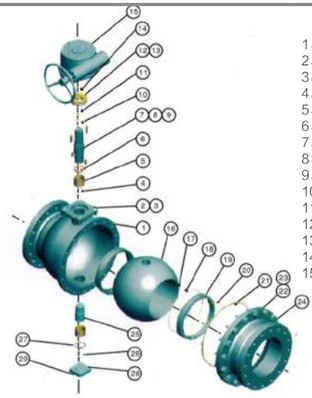
金属硬密封球阀
Metal seal ball valve



1、阀体 Body
2、填料 Packing
3、填料压套 Gland
4、填料压板 Packing Plate
5、螺钉 Blot
6、挡圈 Elastic ring
7、定位片 Localization Piece
8、扳手 Easing Lever
9、挡圈 Elastic ring
10、上密封垫 Back seat gasket
11、阀杆 Stem
12、阀座密封垫 Seat gasket
13、阀座 Seat
14、球体 Ball
15、压圈 Pressure washer
16、碟簧 Dish Spring
17、垫片 Gasket
18、阀盖 Bonnet
19、螺柱 Stud
20、螺母 Nut

配管法兰 Piping Flange	压力级或公称压力 Pressure Class or Nominal Pressure	法兰密封面 Flange Sealing Surface	常规产品型号(手动法兰连接金属密封浮动球阀) Conventional Model (Manual Flange Connection Metal Seal Floating Ball Valve)						
ASME B16.5	Class150	凸面 Convexes	Q41Y-A1C	Q41Y-A1P	Q41Y-A1P8	Q41Y-A1P3	Q41Y-A1R	Q41Y-A1R8	Q41Y-A1R3
	Class300		Q41Y-A3	Q41Y-A3P	Q41Y-A3P8	Q41Y-A3P3	Q41Y-A3R	Q41Y-A3R8	Q41Y-A3R3
	Class600		Q41Y-A6	Q41Y-A6P	Q41Y-A6P8	Q41Y-A6P3	Q41Y-A6R	Q41Y-A6R8	Q41Y-A6R3
	Class900		Q41Y-A9	Q41Y-A9P	Q41Y-A9P8	Q41Y-A9P3	Q41Y-A9R	Q41Y-A9R8	Q41Y-A9R3
	Class1500		Q41Y-A15	Q41Y-A15P	Q41Y-A15P8	Q41Y-A15P3	Q41Y-A15R	Q41Y-A15R8	Q41Y-A15R3
GB/T9112~9124 HG20615~20626 SH3406	PN20	凸面 Convexes	Q41Y-20C	Q41Y-20P	Q41Y-20P8	Q41Y-20P3	Q41Y-A20R	Q41Y-20R8	Q41Y-20R3
	PN50		Q41Y-50	Q41Y-50P	Q41Y-50P8	Q41Y-50P3	Q41Y-50R	Q41Y-50R8	Q41Y-50R3
	PN110		Q41Y-110	Q41Y-110P	Q41Y-110P8	Q41Y-110P3	Q41Y-110R	Q41Y-110R8	Q41Y-110R3
	PN150		Q41Y-150	Q41Y-150P	Q41Y-150P8	Q41Y-150P3	Q41Y-150R	Q41Y-150R8	Q41Y-150R3
	PN260		Q41Y-260	Q41Y-260P	Q41Y-260P8	Q41Y-260P3	Q41Y-260R	Q41Y-260R8	Q41Y-260R3
JB/T74~90 GB/T9112~9124 HG20592~20605	PN16	凸面 Convexes	Q41Y-16C	Q41Y-16P	Q41Y-16P8	Q41Y-16P3	Q41Y-16R	Q41Y-16R8	Q41Y-16R3
	PN25		Q41Y-25	Q41Y-25P	Q41Y-25P8	Q41Y-25P3	Q41Y-25R	Q41Y-25R8	Q41Y-25R3
	PN40	凹凸面 Concave Convexes	Q41Y-40	Q41Y-40P	Q41Y-40P8	Q41Y-40P3	Q41Y-40R	Q41Y-40R8	Q41Y-40R3
	PN63		Q41Y-63	Q41Y-63P	Q41Y-63P8	Q41Y-63P3	Q41Y-63R	Q41Y-63R8	Q41Y-63R3
	PN100		Q41Y-100	Q41Y-100P	Q41Y-100P8	Q41Y-100P3	Q41Y-100R	Q41Y-100R8	Q41Y-100R3
主要零件材料 Main Parts Materials	阀体 Valve Body		WCB A105	ZG1Cr18Ni9Ti 1Cr18Ni9Ti	CF8 304	CF3 304L	ZG1Cr18Ni12Mo2Ti 1Cr18Ni12Mo2Ti	CF8M 316	CF3M 316L
	阀杆 Valve Stem		2Cr13	1Cr18Ni9Ti	0Cr18Ni9 (304)	00Cr19Ni10 (304L)	1Cr18Ni12Mo2Ti	0Cr17Ni12Mo2 (316)	00Cr17Ni14Mo2 (316L)
	球体 Ball		2Cr13+镍基合金(或钨钴合金) 2Cr13+Nickel base alloy (or tungsten cobalt alloy)	1Cr18Ni9T1+镍基合金(或钨钴合金) 1Cr18Ni9T1 +Nickel base alloy (or tungsten cobalt alloy)	0Cr18Ni9Ti+镍基合金(或钨钴合金) 0Cr18Ni9Ti +Nickel base alloy (or tungsten cobalt alloy)	00Cr19Ni10+镍基合金(或钨钴合金) 00Cr19Ni10 +Nickel base alloy (or tungsten cobalt alloy)	1Cr18Ni12Mo2Ti+镍基合金(或钨钴合金) 1Cr18Ni12Mo2Ti +Nickel base alloy (or tungsten cobalt alloy)	0Cr17Ni12Mo2+镍基合金(或钨钴合金) 0Cr17Ni12Mo2 +Nickel base alloy (or tungsten cobalt alloy)	00Cr17Ni14Mo2+镍基合金(或钨钴合金) 00Cr17Ni14Mo2 +Nickel base alloy (or tungsten cobalt alloy)
	阀座 Valve Seat		2Cr13+硬质合金 2Cr13+hard alloy	1Cr18Ni9Ti +硬质合金 1Cr18Ni9Ti +Hard alloy	0Cr18Ni9 +硬质合金 0Cr18Ni9 +Hard alloy	00Cr19Ni10 +硬质合金 00Cr19Ni10 +Hard alloy	1Cr18Ni12Mo2Ti +硬质合金 1Cr18Ni12Mo2Ti +Hard alloy	0Cr17Ni12Mo2 +硬质合金 0Cr17Ni12Mo2 +Hard alloy	00Cr17Ni14Mo2 +硬质合金 00Cr17Ni14Mo2 +Hard alloy
	垫片 Gasket		304+柔性石墨缠绕垫片 304+Flexible graphite spiral wound gasket			304L+柔性石墨缠绕垫片 304L+Flexible graphite spiral wound gasket	316+柔性石墨缠绕垫片 316+Flexible graphite spiral wound gasket		316L+柔性石墨缠绕垫片 316L+Flexible graphite spiral wound gasket
	填料 Packing		柔性石墨 Flexible graphite						
适用工况 Applicable Working Conditions	适用介质 Applicable Medium		非腐蚀性介质或弱腐蚀性介质 Non-corrosive medium or weak-corrsive the medium	硝酸类腐蚀性介质 Niter acids corrosive medium		强氧化性介质 Strong oxidized medium	醋酸类腐蚀性介质 Niter acids corrosive medium		尿素类腐蚀性介质 Urea class corrosive medium
	适用温度 Applicable Temperature		≤425℃	≤540℃		≤425℃	≤540℃		≤455℃

金属硬密封球阀
Metal seal ball valve



1、阀体 Body
2、螺柱 Stud
3、螺母 Nut
4、O型圈 O-ring
5、轴套 Axle sleeve
6、隔圈 Washers
7、阀杆 Stem
8、键 Key
9、键 Key
10、O型圈 O-ring
11、垫片 Gasket
12、压盖 Gland
13、螺钉 Bolt
14、O型圈 O-ring
15、蜗轮蜗杆传动装置 Worm Gear
16、球体 Ball
17、密封圈 Seal circle
18、弹簧 Spring
19、阀座 Seat
20、O型圈 O-ring
21、垫片 Gasket
22、螺柱 Stud
23、螺母 Nut
24、阀盖 Bonnet
25、下轴 Lower Shaft
26、O型圈 O-ring
27、调整垫 Adjusts Pad
28、螺钉 Bolt
29、下端盖 Lower Cover

配管法兰 Piping Flange	压力级或公称压力 Pressure Class or Nominal Pressure	法兰密封面 Flange Sealing Surface	常规产品型号(法兰连接蜗轮蜗杆传动金属密封浮动球阀) Conventional Model (Flange connection worm gear operated metal seal floating ball valve)						
ASME B16.5	Class150	凸面 RF	Q347Y-A1C	Q347Y-A1P	Q347Y-A1P8	Q347Y-A1P3	Q347Y-A1R	Q347Y-A1R8	Q347Y-A1R3
	Class300		Q347Y-A3	Q347Y-A3P	Q347Y-A3P8	Q347Y-A3P3	Q347Y-A3R	Q347Y-A3R8	Q347Y-A3R3
	Class600		Q347Y-A6	Q347Y-A6P	Q347Y-A6P8	Q347Y-A6P3	Q347Y-A6R	Q347Y-A6R8	Q347Y-A6R3
	Class900		Q347Y-A9	Q347Y-A9P	Q347Y-A9P8	Q347Y-A9P3	Q347Y-A9R	Q347Y-A9R8	Q347Y-A9R3
	Class1500		Q347Y-A15	Q347Y-A15P	Q347Y-A15P8	Q347Y-A15P3	Q347Y-A15R	Q347Y-A15R8	Q347Y-A15R3
	Class2000		Q347Y-A25	Q347Y-A25P	Q347Y-A25P8	Q347Y-A25P3	Q347Y-A25R	Q347Y-A25R8	Q347Y-A25R3
GB/T9112~9124 HG20615~20626 SH3406	PN20	凸面 RF	Q347Y-20C	Q347Y-20P	Q347Y-20P8	Q347Y-20P3	Q347Y-A20R	Q347Y-20R8	Q347Y-20R3
	PN50		Q347Y-50	Q347Y-50P	Q347Y-50P8	Q347Y-50P3	Q347Y-50R	Q347Y-50R8	Q347Y-50R3
	PN110		Q347Y-110	Q347Y-110P	Q347Y-110P8	Q347Y-110P3	Q347Y-110R	Q347Y-110R8	Q347Y-110R3
	PN150		Q347Y-150	Q347Y-150P	Q347Y-150P8	Q347Y-150P3	Q347Y-150R	Q347Y-150R8	Q347Y-150R3
	PN260		Q347Y-260	Q347Y-260P	Q347Y-260P8	Q347Y-260P3	Q347Y-260R	Q347Y-260R8	Q347Y-260R3
	PN420		Q347Y-420	Q347Y-420P	Q347Y-420P8	Q347Y-420P3	Q347Y-420R	Q347Y-420R8	Q347Y-420R3
JB/T74~90 GB/T9112~9124 HG20592~20605 SH3406	PN16	凸面 RF	Q347Y-16C	Q347Y-16P	Q347Y-16P8	Q347Y-16P3	Q347Y-16R	Q347Y-16R8	Q347Y-16R3
	PN25		Q347Y-25	Q347Y-25P	Q347Y-25P8	Q347Y-25P3	Q347Y-25R	Q347Y-25R8	Q347Y-25R3
	PN40	凹凸面 MFM	Q347Y-40	Q347Y-40P	Q347Y-40P8	Q347Y-40P3	Q347Y-40R	Q347Y-40R8	Q347Y-40R3
	PN63		Q347Y-63	Q347Y-63P	Q347Y-63P8	Q347Y-63P3	Q347Y-63R	Q347Y-63R8	Q347Y-63R3
	PN100		Q347Y-100	Q347Y-100P	Q347Y-100P8	Q347Y-100P3	Q347Y-100R	Q347Y-100R8	Q347Y-100R3
	PN160		Q347Y-160	Q347Y-160P	Q347Y-160P8	Q347Y-160P3	Q347Y-160R	Q347Y-160R8	Q347Y-160R3
主要零件材料 Main Parts Materials	阀体 Body		WCB A105	ZG1Cr18Ni9Ti 1Cr18Ni9Ti	CF8 304	CF3 304L	ZG1Cr18Ni12Mo2Ti 1Cr18Ni12Mo2Ti	CF8M 316	CF3M 316L
	阀杆 Stem		2Cr13	1Cr18Ni9Ti	0Cr18Ni9 (304)	00Cr19Ni10 (304L)	1Cr18Ni12Mo2Ti	0Cr17Ni12Mo2 (316)	00Cr17Ni14Mo2 (316L)
	球体 Ball		2Cr13+镍基合金(或钨钴合金) 2Cr13+Nickel base alloy (or tungsten cobalt alloy)	1Cr18Ni9T1+镍基合金(或钨钴合金) 1Cr18Ni9T1 +Nickel base alloy (or tungsten cobalt alloy)	0Cr18Ni9Ti+镍基合金(或钨钴合金) 0Cr18Ni9Ti +Nickel base alloy (or tungsten cobalt alloy)	00Cr19Ni10+镍基合金(或钨钴合金) 00Cr19Ni10 +Nickel base alloy (or tungsten cobalt alloy)	1Cr18Ni12Mo2Ti+镍基合金(或钨钴合金) 1Cr18Ni12Mo2Ti +Nickel base alloy (or tungsten cobalt alloy)	0Cr17Ni12Mo2+镍基合金(或钨钴合金) 0Cr17Ni12Mo2 +Nickel base alloy (or tungsten cobalt alloy)	00Cr17Ni14Mo2+镍基合金(或钨钴合金) 00Cr17Ni14Mo2 +Nickel base alloy (or tungsten cobalt alloy)
	阀座 Seat		2Cr13+硬质合金 2Cr13+hard alloy	1Cr18Ni9Ti +硬质合金 1Cr18Ni9Ti +Hard alloy	0Cr18Ni9 +硬质合金 0Cr18Ni9 +Hard alloy	00Cr19Ni10 +硬质合金 00Cr19Ni10 +Hard alloy	1Cr18Ni12Mo2Ti +硬质合金 1Cr18Ni12Mo2Ti +Hard alloy	0Cr17Ni12Mo2 +硬质合金 0Cr17Ni12Mo2 +Hard alloy	00Cr17Ni14Mo2 +硬质合金 00Cr17Ni14Mo2 +Hard alloy
适用工况 Applicable Working Conditions	适用介质 Applicable Medium		非腐蚀性介质或弱腐蚀性介质 Non-corrosive medium or weak-corrsive the medium	硝酸类腐蚀性介质 Niter acids corrosive medium		强氧化性介质 Strong oxidized medium	醋酸类腐蚀性介质 Niter acids corrosive medium		尿素类腐蚀性介质 Urea class corrosive medium
	适用温度 Applicable Temperature	常温型 Nomal Temperature	≤180℃						
		高温型 High Temperature	≤425℃	≤540℃		≤425℃	≤540℃		≤455℃

主要特点

1、全通径，浮动/固定球
2、中法兰螺栓连接
3、防冲出阀杆
4、防火防静电结构
5、美标结构改进型
6、启闭定位机构
7、蜗轮操作选配
8、标准法兰连接

Chief Features

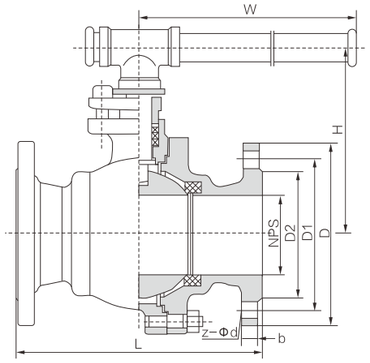
1.Full port, floating or trunnion mounted type
2.Bolted bonnet
3.Blow out proof stem
4.Fire durable and anti-static safety
5.Structure improve on API
6.Opening and closing position
7.Available with wormgear operator
8.Flanged ends

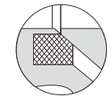
产品规范 Product Specification

设计规范 Design Spec	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test & Check	产品标识 Marking	供货规范 Supply
API608	ANSI B16.10	ANSI B16.5	API598	MSS SP-25	API608
API6D	API6D	ANSI B16.5	API6D	API6D	API6D

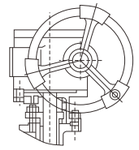
主要零件材料Main Parts Material

零件名称 Part Name	零部件材料 Part Material						
阀体 / 阀盖 Body / Bonnet	A216-WCB	A105	A352-LCB	A351-CF8	A351-CF8M	A351-CF3	A351-CF3M
球体 Ball	A182-F304	A182-F304	A182-F304	A182-F304	A182-F316	A182-F304L	A182-F316L
阀杆 Stem	A182-F6a	A182-F6a	A182-F6a	A182-F304	A182-F316	A182-F304L	A182-F316L
阀座 Seat Ring	A105			A182-F304	A182-F316	A182-F304L	A182-F316L
密封圈 Seat	PTFE			E.PTFE			
填料 Packing	聚四氟乙烯PTFE+FPM			聚四氟乙烯 PTFE+FPM			
垫片 Gasket	18-8/柔性石墨/18-8/Flexible Graphite+聚四氟乙烯 PTFE+FPM						
螺栓 Bolt	A193-B8			A193-B8M			
适用温度 Applicable Temp.	-29~212℃	-40~121℃		-40~121℃		-40~121℃	
适用介质 Applicable Medium	水 / 油品 / 天然气 Water / Oil / Gas			硝酸类 Nitric Acid		醋酸类 Acetic Acid	





防火结构
Fire safe



蜗轮传动
Worm gear operation

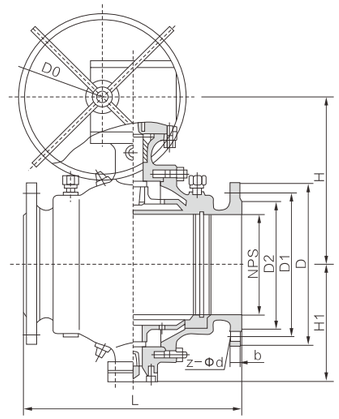
主要外形和连接尺寸 Main External and Connection Dimension

产品型号Type	NPS	DN	Class150Lb								WT(kg)
	in	mm	L	D	D1	D2	b	z-ϕd	H	W	
Q41F-150Lb Q41F-150LbP Q341F-150Lb Q341F-150LbP Q641F-150Lb Q641F-150LbP Q9B41F-150Lb Q9B41F-150LbP	1/2	15	108	89	60.3	34.9	11.2	4-15.8	55	130	2.3
	3/4	20	117	98	39.8	42.9	12.7	4-15.8	55	130	3.0
	1	25	127	108	79.4	50.8	14.3	4-15.8	70	160	4.5
	11/4	32	140	117	88.9	63.5	15.7	4-15.8	75	160	5.5
	11/2	40	165	127	98.4	73	17.5	4-15.8	90	200	7.0
	2	50	178	152	120.6	92.1	19.1	4-19	104	350	9.5
	21/2	65	190	178	139.7	104.8	22.3	4-19	153	400	15.0
	3	80	203	190	152.4	127	23.9	4-19	187	500	19
	4	100	229	229	190.5	157.2	23.9	8-19	206	500	33
	5	125	356	229	215.9	185.7	23.9	8-22.2	244	600	58
	6	150	394	279	241.3	215.9	25.4	8-22.2	252	600	93
	8	200	457	343	298.4	269.9	28.5	8-22.2	283	800	160
	10	250	533	406	362	323.8	30.2	12-25.4	345	800	200

主要外形和连接尺寸 Main External and Connection Dimension

产品型号Type	NPS	DN	Class300Lb								WT(kg)
	in	mm	L	D	D1	D2	b	z-ϕd	H	W	
Q41F-300Lb Q41F-300LbP	1/2	15	140	95	66.7	34.9	14.2	4-15.8	55	130	2.5
	3/4	20	152	117	82.6	42.9	15.7	4-19	55	130	3.5
	1	25	165	124	88.9	50.8	17.5	4-19	70	160	5.5
	11/4	32	178	133	98.4	63.5	19	4-19	75	160	8.0
	11/2	40	190	156	114.3	73	20.6	8-19	90	200	10.5
Q341F-150Lb Q341F-300LbP	2	50	216	165	127	92.1	22.4	8-22.2	104	350	14.5
	21/2	65	241	190	149.2	104.8	25.4	8-22.2	153	400	23.5
Q641F-300Lb Q641F-300LbP	3	80	283	210	168.3	127	28.4	8-22.2	187	500	30
Q9B41F-300Lb Q9B41F-300LbP	4	100	305	254	200	157.2	31.8	8-22.2	206	500	55
	5	125	381	279	235	185.7	35	12-22.2	244	600	81
	6	150	403	318	269.9	215.9	36.6	12-22.2	252	600	118
	8	200	502	381	330.2	269.9	41.1	12-25.4	283	800	200
	10	250	568	444	387.4	323.8	47.6	16-28.5	345	800	250

产品型号Type	NPS	DN	Class600Lb								WT(kg)
	in	mm	L	D	D1	D2	b	z-ϕd	H	W	
Q41F-600Lb Q41F-300LbP	1/2	15	165	95	66.7	34.9	14.2	4-15.8	70	-	3.8
	3/4	20	190	117	82.6	42.9	15.7	4-19	70	-	5.1
	1	25	216	124	88.9	50.8	17.5	4-19	75	-	7.2
	11/4	32	229	133	98.4	63.5	19	4-19	80	-	10.5
	11/2	40	241	156	114.3	73	20.6	4-22.2	98	-	17.6
Q341F-600Lb Q341F-600LbP	2	50	292	165	127	92.1	22.4	8-19	155	400	20
	21/2	65	330	190	149.2	104.8	25.4	8-22.2	205	400	32
Q641F-600Lb Q641F-600LbP	3	80	356	210	168.3	127	28.4	8-22.2	238	600	41
Q9B41F-600Lb Q9B41F-600LbP	4	100	632	273	215.9	157.2	31.8	8-25.4	276	600	70
	5	125	508	330	266.7	185.7	35	8-28.5	305	600	110
	6	150	559	356	292.1	215.9	36.6	12-28.5	322	800	150
	8	200	660	419	349.2	269.9	41.1	12-31.8	356	800	200
	10	250	787	508	431.8	323.8	47.6	16-35	400	800	280



耐火结构
Fire safe

防静电结构
Anti static safety

产品型号Type	NPS	DN	Class150Lb									WT(kg)
	in	mm	L	D	D1	D2	b	z-ϕd	H	H1	D0	
Q47F-150Lb Q47F-150LbP	2	50	178	152	120.6	92.1	19.1	4-19	177	120	-	15
	21/2	65	190	178	139.7	104.8	22.3	4-19	190	140	-	19
	3	80	203	190	152.4	127	23.9	4-19	210	150	-	27
	4	100	229	229	190.5	157.2	23.9	8-19	235	172	-	38
	5	125	356	229	215.9	185.7	23.9	8-22.2	350	195	-	58
	6	150	394	279	241.3	215.9	25.4	8-22.2	530	250	-	81
Q347F-150Lb Q347F-150LbP	8	200	457	343	298.4	269.9	28.5	8-22.2	620	290	600	140
Q647F-150Lb Q647F-150LbP	10	250	533	406	362	323.8	30.2	12-25.4	650	320	600	160
Q747F-150Lb Q747F-150LbP	12	300	610	483	431.8	381	31.8	12-25.4	780	360	600	205
Q9B47F-150Lb Q9B47F-150LbP	14	350	686	533	476.2	412.8	35	12-28.5	790	395	800	260
	16	400	762	597	539.8	469.9	36.6	16-28.5	920	435	800	390
	18	450	864	635	577	533.4	39.7	16-31.8	970	490	800	510
	20	500	914	689	635	584.2	42.9	20-31.8	1100	530	800	750
	24	600	1067	813	749.3	692.2	47.7	20-35	1150	590	800	1200

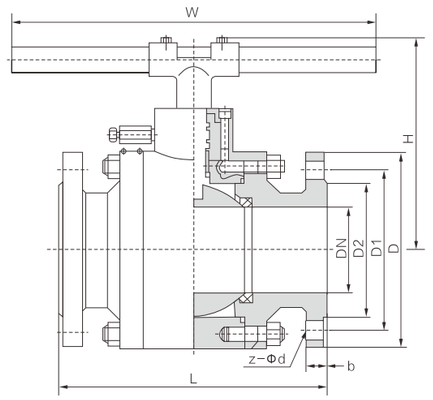
磅级固定式球阀
ANSI Trunnion-mounted ball valve

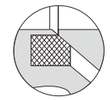
主要外形和连接尺寸 Main External and Connection Dimension

产品型号Type	NPS	DN	Class300Lb									WT(kg)
	in	mm	L	D	D1	D2	b	z-ϕd	H	H1	D0	
Q47F-300Lb Q47F-300LbP	2	50	216	165	127	92.1	22.4	8-22.2	177	120	-	20
	21/2	65	241	190	149.2	104.8	25.4	8-22.2	190	140	-	25
	3	80	283	210	168.3	127	28.4	8-22.2	210	150	-	30
	4	100	305	254	200	157.2	31.8	8-22.2	235	172	-	40
Q347F-300Lb Q347F-300LbP	5	125	381	279	235	185.7	35	12-22.25	350	195	-	65
	6	150	403	318	269.9	215.9	36.6	12-22.2	530	250	-	85
Q647F-300Lb Q647F-300LbP	8	200	502	381	330.2	269.9	41.1	12-25.4	620	290	-	100
	10	250	568	444	387.4	323.8	47.6	16-28.5	650	320	600	182
Q747F-300Lb Q747F-300LbP	12	300	648	521	450.8	381	50.8	16-31.8	780	360	600	212
	14	350	762	584	514.4	412.8	53.8	20-31.6	790	395	600	288
Q9B47F-300Lb Q9B47F-300LbP	16	400	838	648	571.5	469.8	57.2	20-35	920	435	800	468
	18	450	914	713	628.6	533.4	60.5	24-35	970	490	800	587
	20	500	991	775	685.8	584.2	63.5	24-35	1100	530	800	863
	24	600	1143	914	812.8	692.2	69.9	24-41.1	1150	590	800	1396

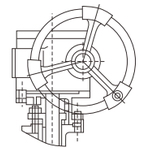
产品型号Type	NPS	DN	Class600Lb									WT(kg)
	in	mm	L	D	D1	D2	b	z-ϕd	H	H1	D0	
Q47F-600Lb Q47F-600LbP	2	50	292	165	127	92.1	25.4	8-19	177	120	-	26
	21/2	65	330	190	149.2	104.8	28.4	8-22.2	190	140	-	36
	3	80	356	210	168.3	127	31.85	8-22.2	210	150	-	56
	4	100	432	273	215.9	157.2	38.14	8-25.4	235	172	-	81
Q347F-600Lb Q347F-600LbP	5	125	508	330	266.7	185.7	44.5	8-28.5	350	195	-	120
	6	150	559	356	292.1	215.9	47.8	12-28.5	530	250	-	142
Q647F-600Lb Q647F-600LbP	8	200	660	419	349.2	269.9	55.6	12-31.8	620	290	-	287
	10	250	787	508	431.8	323.8	63.5	16-35	650	320	600	540
Q747F-600Lb Q747F-600LbP	12	300	838	559	489	381	66.5	20-35	780	360	600	780
	14	350	889	603	527	412.8	69.9	20-38.1	790	395	600	1000
Q9B47F-600Lb Q9B47F-600LbP	16	400	991	686	603.2	469.9	76.2	20-41.1	920	435	800	1300
	18	450	1092	743	654	533.4	82.6	20-44.5	970	490	800	1700
	20	500	1194	813	723.9	584.2	88.9	24-44.5	1100	530	800	2100
	24	600	1397	940	838.2	692.2	101.6	24-50.8	1150	590	800	3400

磅级锻钢球阀
ANSI Forged ball valve





防火结构
Fire safe



蜗轮传动
Worm gear operation

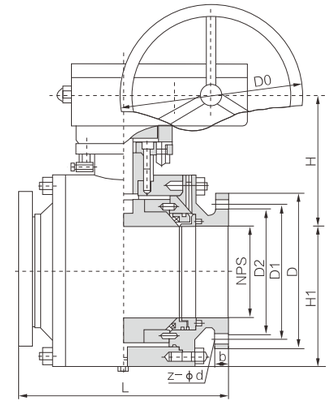
主要外形和连接尺寸 Main External and Connection Dimension

产品型号Type	NPS	DN	Class150Lb								WT(kg)
	in	mm	L	D	D1	D2	b	z-ϕd	H	W	
CQ41F-150Lb CQ41F-150LbP CQ341F-150Lb CQ341F-150LbP CQ641F-150Lb CQ641F-150LbP CQ9B41F-150Lb CQ9B41F-150LbP	1/2	15	108	89	60.3	34.9	11.2	4-15.8	59	130	2.3
	3/4	20	117	98	69.8	42.9	12.7	4-15.8	63	130	3.0
	1	25	127	108	79.4	50.8	14.3	4-15.8	75	160	4.5
	11/4	32	140	117	88.9	63.5	15.7	4-15.8	95	160	7.0
	11/2	40	165	127	98.4	73	17.5	4-15.8	107	160	9.5
	2	50	178	152	120.6	92.1	19.1	4-19	155	200	28
	21/2	65	190	178	139.7	104.8	22.3	4-19	164	200	39
	3	80	203	190	152.4	127	23.9	4-19	182	200	50
	4	100	229	229	190.5	157.2	23.9	8-19	226	300	70
	5	125	356	229	215.9	185.7	23.9	8-22.2	230	300	150
	6	150	394	279	241.3	215.9	25.4	8-22.2	250	500	210
	8	200	457	343	298.4	269.9	28.5	8-22.2	280	500	280
	10	250	533	406	362	323.8	30.2	12-25.4	320	600	400

主要外形和连接尺寸 Main External and Connection Dimension

产品型号Type	NPS	DN	Class300Lb								WT(kg)
	in	mm	L	D	D1	D2	b	z-φd	H	W	
CQ41F-300Lb CQ41F-300LbP CQ341F-300Lb CQ341F-300LbP CQ641F-300Lb CQ641F-300LbP CQ9B41F-300Lb CQ9B41F-300LbP	1/2	15	140	95	66.7	34.9	14.2	4-15.8	59	130	2.5
	3/4	20	152	117	82.6	42.9	15.7	4-19	63	130	3.5
	1	25	165	124	88.9	50.8	17.5	4-19	75	160	5.5
	11/4	32	178	133	98.4	63.5	19	4-19	95	160	10.5
	11/2	40	190	156	114.3	73	20.6	8-19	107	160	14.5
	2	50	216	165	127	92.1	22.4	8-22.2	155	200	28
	21/2	65	241	190	149.2	104.8	25.4	8-22.2	164	200	39
	3	80	283	210	168.3	127	28.4	8-22.2	182	200	50
	4	100	305	254	200	157.2	31.8	8-22.2	228	300	70
	5	125	381	279	235	185.7	35	12-22.2	230	300	150
	6	150	403	318	269.9	215.9	36.6	12-22.2	250	500	210
	8	200	502	381	330.2	269.9	41.1	12-25.4	280	500	280
	10	250	568	444	387.4	323.8	47.6	16-28.5	320	800	400

产品型号Type	NPS	DN	Class600Lb								WT(kg)
	in	mm	L	D	D1	D2	b	z-φd	H	W	
Q41F-600Lb Q41F-600LbP Q341F-600Lb Q341F-600LbP Q641F-600Lb Q641F-600LbP Q9B41F-600Lb Q9B41F-600LbP	1/2	15	165	95	66.7	34.9	14.2	4-15.8	59	130	7.5
	3/4	20	190	117	82.6	42.9	15.7	4-19	63	130	10.5
	1	25	216	124	88.9	50.8	17.5	4-19	75	160	14.5
	11/4	32	229	133	98.4	63.5	20.6	4-19	95	160	18.5
	11/2	40	241	156	114.3	73	22.4	4-22.2	107	200	25
	2	50	292	165	127	92.1	25.4	8-19	162	200	30
	21/2	65	330	190	149.2	104.8	28.4	8-22.2	205	300	45
	3	80	356	210	168.3	127	31.8	8-22.2	228	300	60
	4	100	632	273	215.9	157.2	38.1	8-25.4	240	500	115
	5	125	508	330	266.7	185.7	44.5	8-28.5	305	500	200
	6	150	559	356	292.1	215.9	47.8	12-28.5	353	600	250
	8	200	660	419	349.2	269.9	55.6	12-31.8	460	600	330
	10	250	787	508	431.8	323.8	63.5	16-35	550	800	480



耐火结构
Fire safe

防静电结构
Anti static safety

主要外形和连接尺寸 Main External and Connection Dimension

产品型号Type	NPS	DN	Class150Lb									WT(kg)
	in	mm	L	D	D1	D2	b	z-φd	H	H1	D0	
CQ47F-150Lb CQ47F-150LbP CQ347F-150Lb CQ347F-150LbP CQ647F-150Lb CQ647F-150LbP CQ747F-150Lb CQ747F-150LbP CQ9B47F-150Lb CQ9B47F-150LbP	2	50	178	152	120.6	92.1	19.1	4-19	160	85	-	28
	21/2	65	190	178	139.7	104.8	22.3	4-19	170	95	-	32
	3	80	203	190	152.4	127	23.9	4-19	200	110	-	44
	4	100	229	229	190.5	157.2	23.9	8-19	210	120	-	86
	5	125	356	229	215.9	185.7	23.9	8-22.2	350	175	-	155
	6	150	394	279	241.3	215.9	25.4	8-22.2	530	190	-	203
	8	200	457	343	298.4	269.9	28.5	8-22.2	575	230	600	273
	10	250	533	406	362	323.8	30.2	12-25.4	585	260	600	450
	12	300	610	483	431.8	381	31.8	12-25.4	730	300	600	583
	14	350	686	533	476.2	412.8	35	12-28.5	860	350	800	750
	16	400	762	597	539.8	469.9	36.6	16-28.5	935	395	800	1190
	18	450	864	635	577	533.4	39.7	16-31.8	975	440	800	2100
	20	500	914	689	635	584.2	42.9	20-31.8	1060	480	800	3100
	24	600	1067	813	749.3	692.2	47.7	20-35	1170	591	800	3980

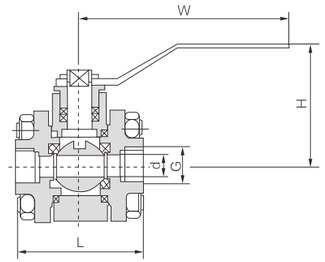
磅级锻钢固定球阀
ANSI Forged trunnion-mounted ball valve

主要外形和连接尺寸 Main External and Connection Dimension

产品型号Type	NPS	DN	Class300Lb									WT(kg)
	in	mm	L	D	D1	D2	b	z-ϕd	H	H1	D0	
CQ47F-300Lb Q47F-300LbP	2	50	216	165	127	92.1	22.4	8-22.2	160	85	-	30
	21/2	65	241	190	149.2	104.8	25.4	8-22.2	170	95	-	40
	3	80	282	210	168.3	127	28.4	8-22.2	200	110	-	52
	4	100	305	254	200	157.2	31.8	8-22.2	210	120	-	97
CQ347F-300Lb CQ347F-300LbP	5	125	381	279	235	185.7	35	12-22.25	350	175	600	158
	6	150	403	318	269.9	215.9	36.6	12-22.2	530	190	600	204
CQ647F-300Lb CQ647F-300LbP	8	200	502	381	330.2	269.9	41.1	12-25.4	575	230	600	322
	10	250	568	444	387.4	323.8	47.6	16-28.5	585	260	600	535
CQ747F-300Lb CQ747F-300LbP	12	300	648	521	450.8	381	50.8	16-31.8	730	300	800	775
	14	350	762	584	514.4	412.8	53.8	20-31.6	860	350	800	1210
CQ9B47F-300Lb CQ9B47F-300LbP	16	400	838	648	571.5	469.8	57.2	20-35	835	395	800	2300
	18	450	914	713	628.6	533.4	60.5	24-35	975	440	800	3400
	20	500	991	775	685.8	584.2	63.5	24-35	1060	480	800	4208
	24	600	1143	914	812.8	692.2	69.9	24-41.1	1170	591	800	5080

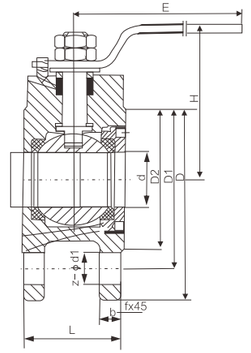
产品型号Type	NPS	DN	Class600Lb									WT(kg)
	in	mm	L	D	D1	D2	b	z-ϕd	H	H1	D0	
CQ47F-600Lb CQ47F-600LbP	2	50	292	165	127	92.1	25.4	8-19	160	85	-	45
	21/2	65	330	190	149.2	104.8	28.4	8-22.2	170	95	-	68
	3	80	356	210	168.3	127	31.85	8-22.2	200	110	600	153
	4	100	432	273	215.9	157.2	38.14	8-25.4	210	120	600	267
CQ347F-600Lb CQ347F-600LbP	5	125	508	330	266.7	185.7	44.5	8-28.5	350	175	600	330
	6	150	559	356	292.1	215.9	47.8	12-28.5	530	190	600	521
CQ647F-600Lb CQ647F-600LbP	8	200	660	419	349.2	269.9	55.6	12-31.8	575	230	800	773
	10	250	787	508	431.8	323.8	63.5	16-35	585	260	800	1072
CQ747F-600Lb CQ747F-600LbP	12	300	838	559	489	381	66.5	20-35	730	300	800	1880
	14	350	889	603	527	412.8	69.9	20-38.1	860	350	800	2650
CQ9B47F-600Lb CQ9B47F-600LbP	16	400	991	686	603.2	469.9	76.2	20-41.1	835	395	800	3677
	18	450	1092	743	654	533.4	82.6	20-44.5	975	440	800	4500
	20	500	1194	813	723.9	584.2	88.9	24-44.5	1060	480	800	5305
	24	600	1397	940	838.2	692.2	101.6	24-50.8	1170	591	800	5980

内螺纹球阀 Inside screw ball valve



产品型号Type 公称压力PN	公称通径DN	PN1.6/2.5/4.0MPa Class150Lb/Class300Lb					WT(kg)
		L	d	G	H	W	
Q11F-16C Q11F-16P Q11F-16R	10	65	8	3/8"	40	110	0.6
	15	75	11	1/2"	46	110	0.72
Q11F-25C Q11F-25P Q11F-25R	20	80	14	3/4"	54	110	0.9
	25	90	21	1"	64	140	1.7
Q11F-40C Q11F-40P Q11F-40R	32	110	25	11/4"	69	140	1.9
	40	120	32	11/2"	76	155	3.1
Q11F-150Lb Q11Y-300Lb	50	140	38	2	86	180	4.3

意式超薄球阀 Italian ultrathin ball valve



Size	1/2"	3/4"	1"	11/4"	11/2"	2"	21/2"	3"	4"	5"	6"
d	15	19	23.5	30	36	45	58	67	76	100	125
L	32	38.5	45	55	62	72	95	120	145	200	225
D	95	105	115	135	145	160	180	195	215	245	280
D1	65	75	85	100	110	125	145	160	180	210	240
D2	45	55	65	78	85	100	120	135	155	185	210
H	62	70	79	86	92	102	158	172	187	200	240
E	110	125	135	150	50	180	250	300	350	650	840
b	14	14	16	16	18	20	22	24	24	26	26
z-d1	4-14	4-14	4-14	4-18	4-18	4-18	4-18	8-18	8-18	8-18	8-23
f	2	2	2	3	3	3	3	3	3	3	3

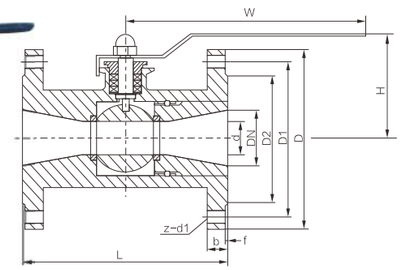
Q41F/M 广式法兰球阀
Q41F/M Guangdong style flange ball valve

执行标准

1、设计和制造：GB/T 12237-2008
2、检验和试验：GB/T 13927-2008
3、法兰连接：GB/T 9113
4、结构长度：GB/T 12221-2005

Implementation of the standards

1.Design and manufacture: GB/T 12237-2008
2.Inspetion and testing: GB/T 13927-2008
3.Flange connection: GB/T 9113
4.Face to face Dimension: GB/T 12221-2005



专利号：ZL201120100488.7

产品性能 Products Property

公称压力 Nominal Pressure	PN	2.5, 4	MPa
强度实验压力 Strength Testing pressure	PT	2.8, 6	
低压气密封试验压力 Set Testing Pressure		0.6	
高压密封试验压力 Seat Testing Pressure		2.8, 4.4	
适用介质 Applicable Media	Q41F-25/40R	Q41F-25/40P	Q41F-25/40
	水、油品、气 Water/Oil/Gas	氧化性介质 Oxidizing Medium	还原性介质 Reducing Medium
适用温度 Applicable Temperatrue	-40~210℃		

主要外形和连接尺寸 Main External and Connection Dimension

DN	d	L	b	f	D	D1	D2	z-d1	H	W
15	10	92	14	2	95	65	45	4-14	60	110
20	12.6	106	14	2	105	75	55	4-14	65	110
25	17	109	16	2	115	85	65	4-14	70	110
32	22	126	16	2	135	100	78	4-18	85	145
40	25	136	16	3	145	110	85	4-18	90	145
50	32	154	18	3	160	125	100	4-18	98	177
65	44	170	20	3	180	145	120	8-18	110	190
80	50	195	22	3	195	160	135	8-18	130	240
100	65	215	22	3	215	180	155	8-18	150	260

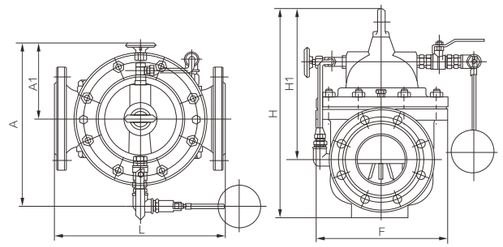
100X遥控浮球阀
100X Remote control floating ball valve

结构特点 Structural Characteristic

水力控制阀就是用水压控制的阀门，它由一个主阀(如图所示)及其附设的导管、导阀、针阀、球阀和压力表等组成。根据使用目的、功能及场所的不同可演变成遥控浮球阀、减压阀、缓闭止回阀、流量控制阀、泄压阀、水力电动控制阀等。水力控制阀分隔膜型和活塞型两类，工作原理相同，都是以上下游压力差△P为动力，由导阀控制，使隔膜(活塞)液压式差动操作，完全由水力自调节，从而使主阀阀盘完全开启或完全关闭或处于调节状态。当进行隔膜(活塞)上方控制室内的压力水被排到大气或下游低压区时，作用在阀盘底部和隔膜下方的压力值就大于上方的压力值，所以将主阀门盘推倒到完全开启的位置；当进入隔膜(活塞)上方控制室内的压力水不能排到大气或下游低压区时，作用在隔膜(活塞)上方的压力值就大于上方的压力值，所以就会把主阀阀盘压到完全关闭的位置；当隔膜(活塞)上方控制室内的压力值处于入口压力与出口压力中间时，主阀门盘就处于调节状态，其调节位置取决于导管系统中的针阀和可调导阀的联合控制作用。可调导阀可以通过下游的出口压力并随它的变化而开大或关小其自身的小阀口，从而改变隔膜(活塞)上方控制室的压力值，控制主阀阀盘的调节位置。

The hydraulic control valve is a kind of valve controlled by hydraulic pressure, which consists of a main valve (as shown in the figure) plus the additional guide tube, pilot valve, needle valve, ball valve, pressure gauge, etc. According to differences in application purpose, function and places, its derivatives include remote control floating ball valve, pressure reducing valve, slow-shut check valve, flow control valve, relief valve, hydraulic electric control valve, etc. The hydraulic control valve is divided into two kinds: diaphragm and piston, Both follow the same working principle, which are powered by the difference between the upstream pressure and the downstream pressure △P and controlled by the pilot valve, making the hydraulic differential operation of the diaphragm(piston) and the fully automatic hydraulic regulation so that the main valve disc is fully open, fully closed or in a state of regulation. When the hydraulic water going into the control cabinet over the diaphragm (piston) is discharged into the atmosphere of the lower pressure area downstream, the valve of pressure on the disc bottom and the downside below the diaphragm will be larger than that on the top so theat the main valve disc is pushed to the position of full opening; When the hydraulic water going into the control cabinet over the diaphragm (piston) is not discharged into the atmosphere or the lower pressure area downstream, the valve of pressure on the below the diaphragm will be larger than that on the top so that the main valve disc is pushed to the position of full closing; when the value of pressure in the control cabinet over the diaphragm (piston) is between and adjustable pilot valve in the conduit system. The adjustable pilot valve can adjust its valve let opening along the change of the downstream outlet pressure so as to change the value of pressure in the control cabinet over the diaphragm (piston) to control the regulating position of the main valve disc.

100X遥控浮球阀
100X Remote control floating ball valve



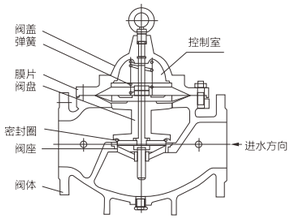


图1 主阀(隔膜阀)结构图
Figure1 Structural diagram of master valve (diaphragm type)

作用与用途：控制水塔或水池的液面，保养简单，灵活耐用。液位控制准确度高，水位不受水压干扰且开关紧密不漏水。

Function and purpose: to control the liquid level of the water tower or the pond,which is flexible, durable and easy for maintenance with a high accuracy of liquid level control and the liquid level free from interference by hydraulic pressure as well as airtight on/off with no water leakage.

压力等级：PN10、PN16、PN25
隔膜式：DN20~450
活塞式:DN500~750
介质温度:0~80℃

Pressure class:PN10,PN16,PN25
Diaphragm type: DN20~450
Piston type: DN500~750
Medium temperature:0~80℃

主要外形尺寸Main External Form Dimension
(法兰连接尺寸：PN10、PN16按GB4216，PN25按GB9113.4)

公称通径DN(mm) Nominal diameter	尺寸Dimension(mm)					
	L	A1	A	H1	H	F
20	150	130	325	179	212	116
25	160	130	325	179	212	116
32	180	130	325	179	212	116
40	200	140	335	210	265	168
50	203	140	335	210	265	168
65	216	140	335	215	310	180
80	241	145	345	245	350	210
100	292	155	365	305	460	284
125	330	165	385	365	520	310
150	356	180	410	415	570	370
200	495	205	465	510	840	463
250	622	225	505	560	890	525
300	698	245	545	658	1030	625
350	787	275	595	696	1090	705
400	914	285	625	735	1150	778
450	978	285	625	735	1150	778
500	978	410	780	750	1110	690
600	1230	456	888	850	1286	785

200X型减压阀 / 300X型缓闭止回阀
200X Pressure reducing valve / 300X Slow-shut check valve

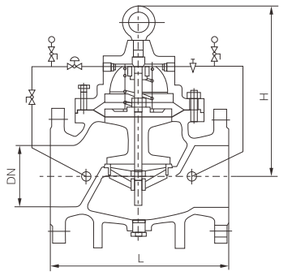
200X型减压阀 200X Pressure reducing valve

作用与用途：调节与控制主阀的出口压力，主阀出口压力不因进口压力变化而变化，亦不因主阀出口流量变化而改变其出口压力。可用于生活给水、消防系统及工业给水系统。

Function and purpose: to regulate and control the outlet pressure of the main valve which doesn't change along with the change of the inlet pressure or the outlet discharge of the main valve, It can be used for domestic water supply, fire systems and industrial water supply systems.

压力等级：PN10、PN16、PN25
隔膜式：DN20~450
活塞式:DN500~750
介质温度:0~80℃

Pressure class:PN10,PN16,PN25
Diaphragm type: DN20~450
Piston type: DN500~750
Medium temperature:0~80℃



主要外形尺寸Main External Form Dimension

公称通径DN(mm) Nominal diameter	尺寸Dimension(mm)		
	L	宽Width	H
20	150	245	195
25	160	254	208
32	180	263	222
40	200	272	237
50	203	282	254
65	216	292	272
80	241	310	282
100	292	330	303
125	330	358	344
150	356	385	385
200	495	438	437
250	622	490	532
300	698	550	600
350	787	617	677
400	914	693	764
450	978	778	862
500	978	873	972
600	1230	980	1096

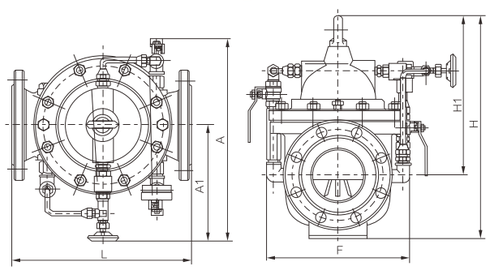
300X型缓闭止回阀 300X Slow-shut check valve

作用与用途：能够调控启闭速度的止回阀，在水泵启动或停止运行时，可配合现场调节至最佳开启或关闭速度。可用于高层建筑，减小水锤现象，以达到安全及安静的启闭效果

Function and purpose: a check valve to regulate and control the on/off speed which can regulate to the optimal on/off speed in accordance with the site when the water pump starts or stops running. It can be used for high-rise to reduce the water hammer to achieve safety and a quiet on/off effect

压力等级：PN10、PN16、PN25
隔膜式：DN20~450
活塞式:DN500~750
介质温度:0~80℃

Pressure class:PN10,PN16,PN25
Diaphragm type: DN20~450
Piston type: DN500~750
Medium temperature:0~80℃



主要外形尺寸Main External Form Dimension

公称通径DN(mm) Nominal diameter	尺寸Dimension(mm)					
	L	A1	A	H1	H	F
20	150	200	282	106	172	116
25	160	200	282	106	172	116
32	180	200	282	106	172	116
40	200	210	320	137	225	168
50	203	210	320	137	225	168
65	216	215	330	145	270	180
80	241	220	330	178	289	210
100	292	230	410	232	375	284
125	330	245	420	286	420	310
150	356	260	420	318	450	370
200	495	280	430	413	722	463
250	622	300	450	502	769	525
300	698	320	460	600	906	625
350	787	340	470	638	1480	705
400	914	360	480	677	1027	778
450	978	360	480	677	1027	778
500	978	410	780	750	1110	690
600	1230	456	888	850	1286	785

400XA型流量控制阀/500X型泄压阀
400XA flow control valve/500X relief valve

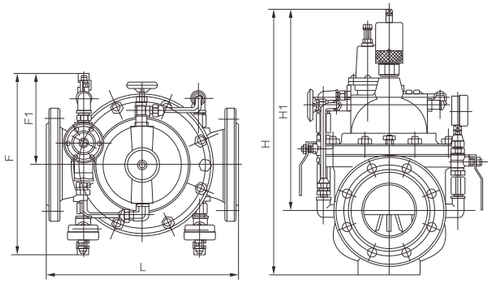
400XA型流量控制阀 400XA flow control valve

作用与用途：主阀安装在配水路需控制流量和压力的管路中，保持预定 流量不变，将过大流量限制在一个预定值，将上游高压减为下游低压。即使主阀上游的压力发生变化，也不会影响主阀下游的流量。

Function and purpose: the main valve is mounted in the section needing to control flow and pressure in the distributing pipeline to keep the preset flow unchanged limit an excessive flow at a preset value and reduce the upstream high pressure to the downstream low pressure. Even if the upstream pressure of the main valve changes, it will not affect the downstream flow of the main valve.

压力等级：PN10、PN16、PN25
隔膜式：DN20~450
活塞式:DN500~750
介质温度:0~80℃

Pressure class:PN10,PN16,PN25
Diaphragm type: DN20~450
Piston type: DN500~750
Medium temperature:0~80℃



主要外形尺寸Main External Form Dimension

公称通径DN(mm) Nominal diameter	尺寸Dimension(mm)				
	L	F1	F	H1	H
20	150	136	292	247	342
25	160	136	292	247	342
32	180	136	292	247	342
40	200	155	330	278	395
50	203	155	330	278	395
65	216	165	350	298	405
80	241	175	365	313	430
100	292	195	410	350	510
125	330	220	455	365	560
150	356	230	475	420	585
200	495	255	530	450	675
250	622	300	623	470	730
300	698	340	700	490	760
350	787	415	840	526	840
400	914	430	880	570	910
450	978	430	880	570	910

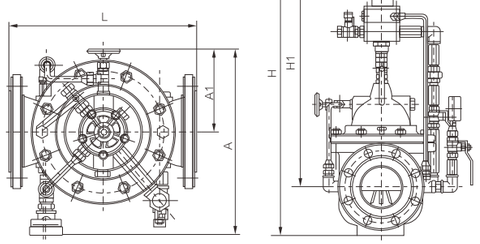
500X型泄压阀 500X relief valve

作用与用途：当给水管中压力超过汇压阀设定压力时，泄压阀开启，防止管线及设备因超压而损坏，可用于高压建筑消防测试循环系统之泄压用，以防止水压过高造成系统危险。

Function and purpose: when the pressure in the water supply pipe exceeds the preset pressure of the relief valve, the relief valve will work to avoid damages of the pipeline and equipment due to over pressure, which can be used for pressure relief of the fire control circulation testing system in high-pressure buildings to avoid dangers to the system due to excessive hydraulic pressure.

压力等级：PN10、PN16、PN25
隔膜式：DN20~450
活塞式:DN500~750
介质温度:0~80℃

Pressure class:PN10,PN16,PN25
Diaphragm type: DN20~450
Piston type: DN500~750
Medium temperature:0~80℃



主要外形尺寸Main External Form Dimension

公称通径DN(mm) Nominal diameter	尺寸Dimension(mm)				
	L	A1	A	H1	H
20	150	130	333	463	557
25	160	130	333	463	557
32	180	130	333	463	557
40	200	140	343	516	610
50	203	140	343	516	610
65	216	140	355	520	625
80	241	145	360	537	642
100	292	155	400	596	750
125	330	165	420	653	808
150	356	180	435	709	864
200	495	205	480	805	1135
250	622	225	530	855	1135
300	698	245	575	953	1325
350	787	275	620	990	1385
400	914	285	668	1030	1445
450	978	285	668	1030	1445
500	978	410	780	750	1110
600	1230	456	888	850	1286

JD745X多功能水泵控制阀
Multi-functional water pump control valve

用途 Usage

安装在高屋建筑给水系统以及其它给水系统的水泵出口管道上，防止介质倒流，防止水锤及水击现象的产生。一阀兼具电动阀、逆止阀和水锤消除器三种功能，可有效地提高供水系统的安全可靠性。

It is mounted on the water pump outlet pipeline of high-rise water supply systems and other water supply systems to avoid the reflux of the medium, water hammer and sound of water hammer. It integrates three functions: electric valve, check valve and water hammer arrester, which can improve safety and reliability of the water supply system effectively.

特点 Characteristic

1、消除水锤效果好。将缓开、速闭、缓闭消除水锤的技术原理一体化，防止开泵水锤和停泵水锤的产生。
2、操作方便。只需操作水泵电动启闭按钮，阀门即按照水泵操作规程实现自动开闭。
3、节能效果好。阀体采用了全能道流线型直流式设计，压力损失小，流量大，且体积小，重量轻。

1. Good effect of removing water hammer. Integrating the technical theory of removing water hammer by slow opening, quick shut and slow shut, it can avoid the water hammer during pump starting and stopping.
2. Easy operation. Just operate the on/off button of the water pump motor, and the valve will achieve automatic on/off according to operating instructions of water pump.
3. High energy saving. The valve body adopts an all-purpose-passage streamline straight-through design with small pressure loss and large flow, being compact and light.

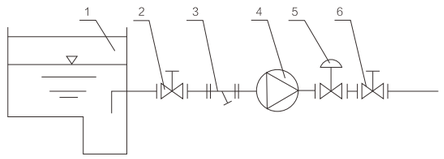
主要技术参数 Main Technology Parameter

1、公称压力 Nominal pressure:1.0MPa、1.6MPa、2.5MPa
2、最低动作压力 Min. working pressure: ≥0.04MPa
3、缓闭时间 Slow shut time:3~60s(可调 adjustable)
4、适用介质 Applicable medium:水Water
5、适用温度Applicable temperature:0~80℃

安装示意图 Scheme of installation

1、水池 2、弹性座封闸阀 3、过滤器 4、水泵
5、多功能水泵控制阀 6、弹性座封闸阀

1. Pond 2. Elastic seat seal gate valve 3. Filter 4. Water pump
5. Multi-functional water pump control valve 6. Elastic seat seal gate valve



主要外形尺寸Main External Form Dimension

DN	L	H	D			D1			n-d		
			1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
50	205	293	165	165	165	125	125	125	4-18	4-18	4-18
65	216	328	185	185	185	145	145	145	4-18/	4-18/	8-18
80	250	364	200	200	200	160	160	160	8-18	8-18	8-18
100	320	418	220	220	235	180	180	190	8-18	8-18	8-22
125	365	481	250	250	270	210	210	220	8-18	8-18	8-22
150	415	543	285	285	300	240	240	250	8-22	8-22	8-26
200	500	673	340	340	360	295	295	310	8-22	12-22	8-26
250	605	792	395	405	425	350	355	370	12-22	12-26	12-26
300	698	927	445	460	485	400	410	430	12-22	12-26	12-30
350	787	957	505	520	555	460	470	490	16-22	16-26	16-30
400	914	1188	565	580	620	515	525	550	16-26	16-30	16-33
450	978	1218	615	640	670	565	585	600	20-26	20-30	16-36
500	978	1256	670	715	730	620	650	660	20-26	20-33	20-36
600	1200	1600	780	840		725	770		20-30	20-36	20-36
700	1450	1750	895	910		840	840		24-30	24-36	
800	1560	1900	1015	1025		950	950		24-33	24-39	
900	1800	2100	1115			1050			28-33		
1000	2000	2400	1230			1160			28-36		

F745X遥控浮球阀
Remote control floating ball valve

用途 Usage

安装在水池、水塔地进水管道中。当水池水位达到预设定水位时，阀门自动关闭；当水位下降时，阀门自动打开开启补水。

It is mounted in the inlet pipeline of pond or water tower. When the pond water reaches the preset level, the valve will shut automatically; When the water level falls, it will open automatically to start feeding water.

特点 Characteristic

1、关闭严密可靠。采用牢固的O型环密封，利用液压控制原理，使滑盘关闭力与进水压成正比，密封可靠性高。
2、过流量大。阀体采用全通道流线型设计，流体阻力小，流量大。
3、运行安全。利用水力操作，可自动控制水塔或水池的液面，液位制准确度高。
4、使用维护方便。主阀安装在水池外面，调试检查方便，维修简单。

1. Airtight and reliable shut. It adopts the secure O-ring for seal by utilizing the hydraulic control theory to make the shut force of sliding disc proportional to the water inlet pressure, thus having a high sealing reliability.
2. Large flow through. The valve body adopts an all-purpose-passage streamline design with small fluid resistance and large flow.
3.Safe running. It operates by utilizing the hydraulic power to control the liquid level of water tower or pond automatically with a high control accuracy of liquid level.
4. Easy operation and maintenance. The main valve is mounted outside the pond, easy for debugging, check and maintenance.

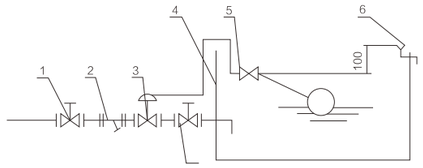
主要技术参数 Main Technology Parameter

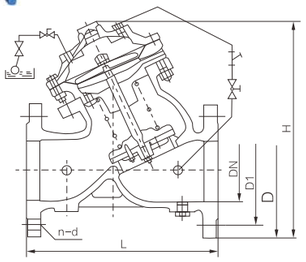
1、公称压力 Nominal pressure:1.0MPa、1.6MPa、2.5MPa
2、适用介质 Applicable medium:水Water
3、适用温度Applicable temperature:0~80℃

安装示意图 Scheme of installation

1. 弹性座封闸阀 2. 过滤器 3. 遥控浮球阀 4. 水池
5. 浮球导阀 6. 溢水管 7. 弹性座封闸阀

1. Elastic seat seel gate valve 2. Filter 3. Remote control floating ball valve
4. Pond 5. Floating ball pilot valve 6. Overflow pipe 7. Elastic seat seal gate valve





主要外形尺寸Main External Form Dimension

DN	L	H	D			D1			n-d		
			1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
50	205	293	165	165	165	125	125	125	4-18	4-18	4-18
65	216	328	185	185	185	145	145	145	4-18	4-18	4-18
80	250	364	200	200	200	160	160	160	8-18	8-18	8-18
100	320	418	220	220	235	180	180	190	8-18	8-18	8-22
125	365	481	250	250	270	210	210	220	8-18	8-18	8-26
150	415	543	285	285	300	240	240	250	8-22	8-22	8-26
200	500	673	340	340	360	295	295	310	8-22	12-22	12-26
250	605	792	395	405	425	350	350	370	12-22	12-26	12-30
300	698	927	445	460	485	400	410	430	12-22	12-26	16-30
350	787	957	505	520	555	460	470	490	16-22	16-26	16-33
400	914	1188	565	580	620	515	525	550	16-26	16-30	16-36
450	978	1218	615	640	670	565	585	600	20-26	20-30	20-36
500	978	1256	670	715	730	620	650	660	20-26	20-33	20-36
600	1200	1600	780	840		725	770		20-30	20-36	
700	1450	1750	895	910		840	840		24-30	24-36	
800	1560	1900	1015	1025		950	950		24-33	24-39	
900	1800	2100	1115			1050			28-33		
1000	2000	2400	1230			1160			28-36		

YX741X 可调式减压稳压阀
Adjustable pressure reducing and maintaining valve

用途 Usage

安装在高层建筑给水系统以及其它给水系统的管道上，将较高的上游压力降为符合要求的下游使用压力。

It is mounted on the pipeline of high-rise water supply systems and other water supply systems to reduce the high upstream pressure to the downstream working pressure as required.

特点 Characteristic

1、减压效果可靠。出口压力不受进口压力及流量变化的影响。既可减动压，又可减静压。
2、调试操作方便。只需调节先导阀的调节螺钉，就能获得精确、稳定的出口压力。
3、节能效果好。阀体采用了全能道流线型直流式设计，压力损失小，流量大，且体积小，重量轻。

1. Reliable pressure reduction effect. The outlet pressure is not subject to changes of inlet pressure and flow so that it can reduce both dynamic pressure and static pressure.
2. Easy debugging and operation, Just adjust the regulating screw of the pilot valve, and an accurate and stable outlet pressure will be got.
3. High energy saving. The valve body adopts an all-purpose-passage streamline straight-through design with small pressure loss and large flow, being compact and light.

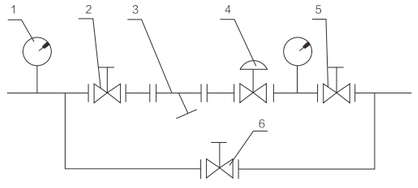
主要技术参数 Main Technology Parameter

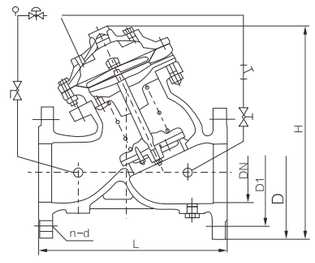
1、公称压力 Nominal pressure:1.0MPa、1.6MPa、2.5MPa
2、调压范围Pressure regulating range:0.05~0.8MPa, 0.12~1.4MPa, 0.12~1.6MPa
3、适用介质 Applicable medium:水Water
4、适用温度Applicable temperature:0~80℃

安装示意图 Scheme of installation

1、压力表 2、弹性座封闸阀 3、过滤器 4、可调式减压稳压阀
5、弹性座封闸阀 6、弹性座封闸阀

1. Pressure gauge 2. Elastic seat seal gate valve
3. Filter 4. Adjustable pressure reducing and maintaining valve
5. Elastic seat seal gate valve 6. Elastic seat seal gate valve





主要外形尺寸Main External Dimension

DN	L	H	D			D1			n-d		
			1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa	1.0MPa	1.6MPa	2.5MPa
50	205	300	165	165	165	125	125	125	4-18	4-18	4-18
65	216	337	185	185	185	145	145	145	4-18	4-18	4-18
80	250	467	200	200	200	160	160	160	8-18	8-18	8-18
100	320	520	220	220	235	180	180	190	8-18	8-18	8-22
125	365	580	250	250	270	210	210	220	8-18	8-18	8-26
150	415	640	285	285	300	240	240	250	8-22	8-22	8-26
200	500	778	340	340	360	295	295	310	8-22	12-22	12-26
250	605	889	395	405	425	350	355	370	12-22	12-26	12-30
300	698	1010	445	460	485	400	410	430	12-22	12-26	16-30
350	787	1037	505	520	555	460	470	490	16-22	16-26	16-33
400	914	1264	565	580	620	515	525	550	16-26	16-30	16-36
450	978	1294	615	640	670	565	585	600	20-26	20-30	20-36
500	978	1324	670	715	730	620	650	660	20-26	20-33	20-36
600	1200	1600	780	840		725	770		20-30	20-36	
700	1450	1750	895	910		840	840		24-30	24-36	
800	1560	1900	1015	1025		950	950		24-33	24-39	
900	1800	2100	1115			1050			28-33		
1000	2000	2400	1230			1160			28-36		

DHH44 微阻缓闭消声止回阀
Damping slow-shut silent check valve

结构特点 Structural Characteristic

本厂生产的DHH44X/H-10/16型微阻缓闭止回阀主要用于工业、城市给排水管道和高层住宅、高级宾馆、加压输入水泵的出口处。在设计上充分考虑了使用环境的要求、采用斜板式结构，达到无震动、无噪音、运行平稳，确保宾馆、住宅环境安静、并且有节能的效果。用延缓关闭的方式使局部倒流水向系统内泄流，从而大大降低了停泵倒流的水压冲力，消除了破坏性水锤峰值的产生，截流密封采用了丁腈橡胶，密封性能好、减震耐磨、使用寿命长、维修方便等特点。

Our DHH44X/H-10/16 damping slow-shut check valve is mainly used at the outlet of industrial and city water supply and drainage pipelines, high-rise, star hotels and pressurization water transfer pumps, Its design has taken requirements for operating environment into full consi-derations. Iadopts a slanting plate structure, achieving no vibration and noise with stable operation and energy saving to ensure a quiet environment for hotels and residences. Its slow-shut mode makes some refluxing water flow into the system so as to greatly reduce the hydraulic pressure impact caused by the pump stop and the reflux and remove the peak of destructive water hammer. The chemigum is adopted for interception seal with such features as good seal ability, damping, abrasion resistance, long service life and easy maintenance.

主要零件材料Main Parts Material

零件名称 Parts name	材料Material
阀体Body	灰铸铁、碳钢 Grey cast iron, carbon steel
蝶板Butterfly plate	碳钢 Carbon steel
密封圈Sealing ring	丁腈橡胶 Nitrile rubber
阀杆stem	不锈钢 Stainless Steel
缓冲油缸Cushion cylinder	不锈钢 Stainless Steel

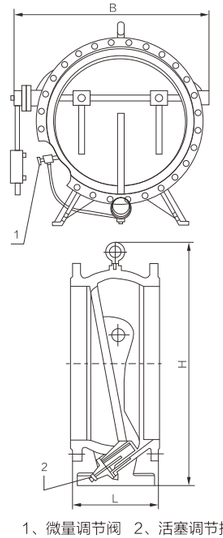
主要技术参数 Main Technology Parameter

型号 Type	公称压力PN(MPa) Nominal pressure	试验压力PS(MPa)		适用温度(℃) Applicable temperature	适用介质 Applicable medium
		壳体 Shell	密封 Sealing		
DHH44X DHH44H	1.0	1.5	1.1	0~80℃	清水、污水、海水、泥浆水 Water, sewage, sea water, slurry water
	1.6	2.4	1.75		

主要外形尺寸Main External Form Dimension

法兰连接尺寸按JB/T78-94标准 Flanged end according to JB/T78-94 standard

公称通径DN(mm) Nominal diameter	尺寸 Dimension(mm)		
	L	H	B
200	230	550	450
250	250	630	520
300	270	690	590
350	290	780	670
400	310	860	750
450	330	910	780
500	350	980	850
600	390	1070	970
700	430	1220	1080
800	470	1320	1200
900	510	1430	1300
1000	550	1550	1450
1200	630	1800	1670
1400	740	1980	1880
1600	790	2150	1950
2000	950	2550	2450



1、微量调节阀 2、活塞调节拉杆
1. Trace control valve 2. Adjust the tie rod piston

HH48/49X 消声缓闭止回阀
Silent slow-shut check valve

结构特点 Structural Characteristic

本厂生产的HH46X、HXH48X、HH49X消声缓闭止回阀系列产品可用在清水、污水、海水等介质的排水管道上，既能防止介质的倒流，又能有效地限制破坏性水锤，保证管线的使用安全。它具有结构新颖、体积小、重量轻、流体阻力小、密封可靠、启闭平稳、耐磨损、使用寿命长，油压、缓闭不受介质影响，有较好节能效果等特点。

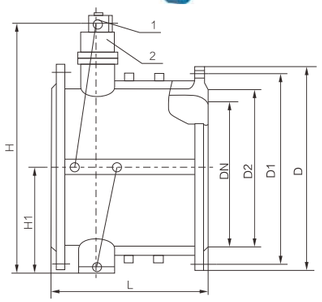
Our HH46X, HXH48X and HH49X silent slow-shut checkvalve series of products can be used on the drainage pipeline for such medium as clear water, sewage and seawater, which can both avoid the medium reflux and limit the destructive water hammer effectivelyto ensure the safe use of pipeline. It is featured by novel structure, being compact and light, small fluid resistance, reliable seal, stableon/off, abrasion resistance, long service life, oil pressure and slow shut unaffected by the medium, high energy saving, etc.

主要零件材料Main Parts Material

零件名称 Parts name	阀体 Body	阀瓣 Disc	阀杆、油缸、活塞 Stem, Oil cylinder, Piston	弹簧 spring	阀座 Seat
材料 Material	铸铁、铸钢 Cast iron / Cast steel	碳钢 Carbon steel	不锈钢 Stainless Steel	不锈钢 Stainless Steel	丁腈橡胶 Nitrile rubber

主要技术参数 Main Technology Parameter

型号 Type	公称压力 PN(MPa)	密封压力 Ps(MPa)	工作压力 Pw(MPa)	适用温度(℃) Applicable temperature	适用介质 Applicable medium	缓闭时间 Slowly-closing time
HH46X HDH48X HH49X	1.0	1.5	1.1	≤80	清水、污水、海水 Clear water, sewage, sea water	≤60秒
	1.6	2.4	1.76			
	2.5	3.75	2.75			



1、微量调节阀 2、储油缸

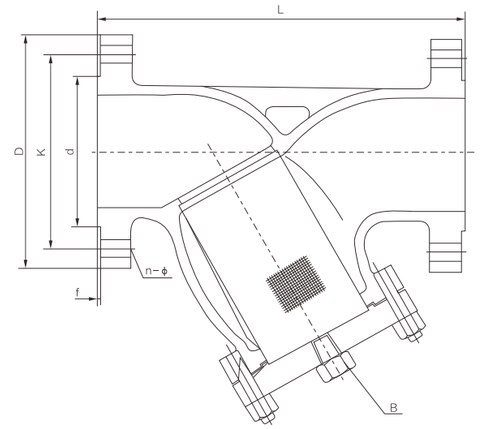
主要外形尺寸Main External Dimension

法兰连接尺寸按JB/T78-94标准 Flanged end according to JB/T78-94 standard

公称压力 PN(MPa) Nominal pressure	公称通径 DN(mm) Nominal diameter	尺寸Dimension(mm)		
		L	H	H1
1.0 1.6 2.5	40	140	200	88
	50	150	215	98
	65	170	225	108
	80	180	235	118
	100	190	280	130
	125	200	290	148
	150	210	310	172
	200	230	350	210
	250	250	415	240
	300	270	450	264

公称压力 PN(MPa) Nominal pressure	公称通径 DN(mm) Nominal diameter	尺寸Dimension(mm)		
		L	H	H1
1.0 1.6 2.5	350	290	480	297
	400	310	550	324
	450	330	585	351
	500	350	640	379
	600	390	720	434
	700	430	780	491
	800	470	840	549
	900	510	990	600
	1000	550	1050	650
	1200	630	1210	770

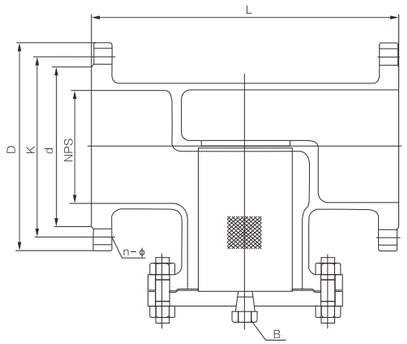
国标、德标Y型过滤器
GB / DIN Standard Y type strainer



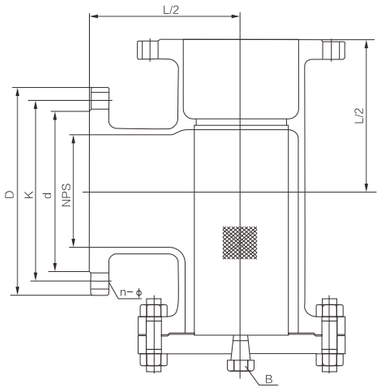
主要连接尺寸Main connection dimensions

DN	PN16 SY4P-PN16LbC SY4P-PN16LbP SY4R-PN16LbR						PN25 SY4P-PN25LbC SY4P-PN25LbP SY4R-PN25LbR						PN40 SY4P-PN40LbC SY4P-PN40LbP SY4R-PN40LbR					
	L	D	d	f	K	n-ϕ	L	D	d	f	K	n-ϕ	L	D	d	f	K	n-ϕ
15	155	95	46	2	65	4-14	155	95	46	2	65	4-14	155	95	46	2	65	4-14
20	155	105	56	2	75	4-14	155	105	56	2	75	4-14	155	105	56	2	75	4-14
25	160	115	65	3	85	4-14	160	115	65	3	85	4-14	160	115	65	3	85	4-14
32	180	140	76	3	100	4-14	180	140	76	3	100	4-18	180	140	76	3	100	4-18
40	220	150	84	3	110	4-18	220	150	84	3	110	4-18	220	150	84	3	110	4-18
50	248	165	99	3	125	4-18	248	165	99	3	125	4-18	248	165	99	3	125	4-18
65	250	185	118	3	145	4-18	250	185	118	3	145	8-18	250	185	118	3	145	8-18
80	285	200	132	3	160	8-18	285	200	132	3	160	8-18	285	200	132	3	160	8-18
100	320	220	156	3	180	8-18	320	235	156	3	190	8-22	320	235	156	3	190	8-22
150	450	285	211	3	240	8-22	456	300	211	3	250	8-26	456	300	211	3	250	8-26
200	536	340	266	3	295	12-22	536	360	274	3	310	12-26	536	375	284	3	320	12-30
250	610	405	319	3	355	12-26	610	425	330	3	370	12-30	622	450	345	3	385	12-33
300	690	460	370	4	410	12-26	690	485	389	4	430	16-30	711	515	409	4	450	16-33
350	790	520	429	4	470	16-26	790	555	448	4	490	16-33	838	580	465	4	510	16-36
400	845	580	480	4	525	16-30	845	620	503	4	550	16-36	860	660	535	4	585	16-39
500	1005	715	609	4	650	20-33	1005	730	609	4	660	20-36	1025	755	615	4	670	20-42

国标、德标T型过滤器
GB / DIN Standard T type strainer



ST1

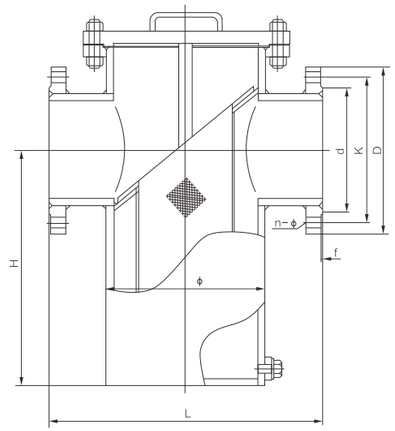


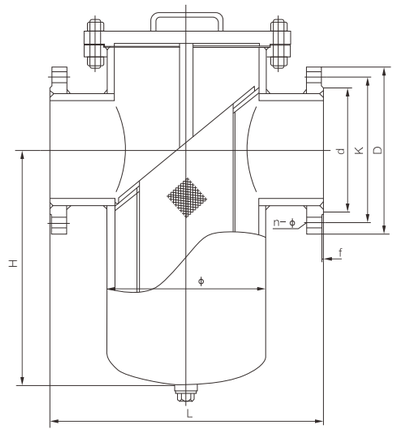
ST2

主要连接尺寸Main connection dimensions

DN	PN16						PN25						PN40					
	SY4P-PN16LbC SY4P-PN16LbP SY4R-PN16LbR						SY4P-PN25LbC SY4P-PN25LbP SY4R-PN25LbR						SY4P-PN40LbC SY4P-PN40LbP SY4R-PN40LbR					
	L	D	d	f	K	n-ϕ	L	D	d	f	K	n-ϕ	L	D	d	f	K	n-ϕ
15	108	95	46	2	65	4-14	108	95	46	2	65	4-14	152	95	46	2	65	4-14
20	117	105	56	2	75	4-14	117	105	56	2	75	4-14	178	105	56	2	75	4-14
25	127	115	65	3	85	4-14	127	115	65	3	85	4-14	203	115	65	3	85	4-14
32	140	140	76	3	100	4-14	140	140	76	3	100	4-18	216	140	76	3	100	4-18
40	165	150	84	3	110	4-18	165	150	84	3	110	4-18	229	150	84	3	110	4-18
50	203	165	99	3	125	4-18	203	165	99	3	125	4-18	267	165	99	3	125	4-18
65	216	185	118	3	145	4-18	216	185	118	3	145	8-18	292	185	118	3	145	8-18
80	241	200	132	3	160	8-18	241	200	132	3	160	8-18	318	200	132	3	160	8-18
100	292	220	156	3	180	8-18	292	235	156	3	190	8-22	356	235	156	3	190	8-22
150	406	285	211	3	240	8-22	406	300	211	3	250	8-26	444	300	211	3	250	8-26
200	495	340	266	3	295	12-22	495	360	274	3	310	12-26	533	375	284	3	320	12-30
250	622	405	319	3	355	12-26	622	425	330	3	370	12-30	622	450	345	3	385	12-33
300	698	460	370	4	410	12-26	698	485	389	4	430	16-30	711	515	409	4	450	16-33
350	787	520	429	4	470	16-26	787	555	448	4	490	16-33	838	580	465	4	510	16-36
400	864	580	480	4	525	16-30	864	620	503	4	550	16-36	864	660	535	4	585	16-39
500	978	715	609	4	650	20-33	978	730	609	4	660	20-36	1016	755	615	4	670	20-42

蓝式过滤器
Flat basket strainer

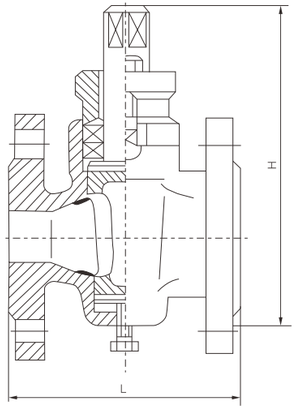




主要连接尺寸Main connection dimensions

NPS			1	11/4	11/2	2	21/2	3	4	5	6	8	10	12	16	18
DN			25	32	40	50	65	80	100	125	150	200	250	300	400	450
产品型号 Type	ϕ		114	114	114	114	114	140	168	219	273	324	377	426	530	610
	H		120	130	140	150	180	200	230	280	370	480	525	580	750	780
	f		2	2	2	2	3	3	3	3	3	3	3	4	4	4
SDGP-4P-PN16C SDGP-4P-PN16P SDGP-4R-PN16R	PN16	L	203	203	203	203	216	241	292	356	406	495	622	698	864	978
		D1	115	140	150	165	185	200	220	250	285	340	405	460	580	640
		D2	85	100	110	125	145	160	180	210	240	295	355	410	525	585
		n-ϕ	4-14	4-18	4-18	4-18	4-18	8-18	8-18	8-18	8-22	12-22	12-26	12-26	16-30	20-30
SDGP-4P-PN25C SDGP-4P-PN25P SDGP-4R-PN25R	PN25	L	203	203	203	203	216	241	292	356	406	495	622	698	864	978
		D1	115	140	150	165	185	200	235	270	300	360	425	485	620	670
		D2	85	100	110	125	145	160	190	220	250	310	370	430	550	600
		n-ϕ	4-14	4-18	4-18	4-18	8-18	8-18	8-22	8-26	8-26	12-26	12-30	16-30	16-36	20-36
排污口 B Drain	Ⅰ		RC 1/2"			RC 3/8"						RC 3/4"				
	Ⅱ-NPS		1/2"-RF 1/2"-M			3/4"-RF 3/4"-M						1"-RF 1"-M				

NPS			4	5	6	8	10	12	14	16	18	20
DN			100	125	150	200	250	300	350	400	450	500
产品型号 Type	ϕ		168	219	273	324	377	426	480	530	610	711
	H		250	300	380	500	550	620	700	780	820	880
	f		3	3	3	3	3	4	4	4	4	4
SDGP-4P-PN16C SDGP-4P-PN16P SDGP-4R-PN16R	PN16	L	292	356	406	495	622	698	787	864	978	978
		D1	220	250	285	340	405	460	520	580	640	715
		D2	180	210	240	295	355	410	470	525	585	650
		n-ϕ	8-18	8-18	8-22	12-22	12-26	12-26	16-26	16-30	20-30	20-33
SDGP-4P-PN25C SDGP-4P-PN25P SDGP-4R-PN25R	PN25	L	292	356	406	495	622	698	787	864	978	978
		D1	235	270	300	360	425	485	555	620	670	730
		D2	190	220	250	310	370	430	490	550	600	660
		n-ϕ	8-22	8-26	8-26	12-26	12-30	16-30	16-33	16-36	20-36	20-36
排污口 B Drain	Ⅰ		RC 3/8"			RC 1/2"			RC 3/4"			
	Ⅱ-NPS		3/4"-RF 3/4"-M			1"-RF 1"-M			1"-RF 1"-M			



主要连接尺寸及重量 Main Connection Dimensions and Weight

X43W-6

压力等级 Pressure		PN6													
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
L-RF · BW		80	90	110	130	150	170	220	250	300	350	400	480	600	730
H		115	120	125	140	150	165	180	190	229	290	350	450	500	740
重量 Weight(kg)		4	5	7	10	14	22	32	46	96	134	180	260	350	520

注：4”及以上为蜗轮操作
Note:4"above with worm gear.

X43W-10

压力等级 Pressure		PN10													
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
L-RF · BW		80	90	110	130	150	170	220	250	300	350	400	480	600	730
H		115	120	125	140	150	165	180	190	229	290	350	450	500	740
重量 Weight(kg)		4	5	7	10	14	22	32	46	96	134	180	260	350	520

注：4”及以上为蜗轮操作
Note:4"above with worm gear.

产品结构特点 Product Structural Features

美标卡套式软密封旋塞阀适用于公称压力CLASS150~900Lb,工作温度-29~180℃的石油、化工、制药、化肥、电力行业等各种工况的管路上，切断或接通管路介质。

Sleeve type soft sealing plug valve acc. to ANSI is applicable to the cutting and connection of pipelines medium that are used in various industries, such as petroleum,chemical industry,pharmacy,chemical fertilizer,power industry,under nominal pressure of CLASS150~900Lb,and working temperature of -29~180℃.

主要结构特点 Main Structural features

1、产品结构合理、密封可靠、性能优良、造型美观；
2、它的密封性是通过卡套四周的密封面来实现的。独特的360° 金属唇边保护固定卡套；
3、阀门没有空腔给介质积聚；
4、金属唇边在旋塞转时提供自洁的作用，适合于粘稠和易结垢的工况；
5、双向流动，安装使用更方便。
6、零件材质及法兰尺寸可根据实际工况或用户要求合理选配，，满足各种工程需要。

1. The product has reasonable structure, reliable sealing, excellent performance and beautiful appearance.
2. Its sealing is realized by the sealing face around the sleeve. It has unique 360 degree metal edge for protection and fixing of the sleeve.
3. There is no cavity in the valve for accumulation of medium.
4. Metal edge provides the function of self-cleaning when the plug is rotated, applicable to the operation condition that is glutinous and apt to smudge.
5. Its characteristic double-direction flow makes installation and use more convenient.
6. The materials of the parts and sizes of flanges can be reasonably configured according to the actual operation condition of the requirement of the customers, so as to meet the various needs of engineering.

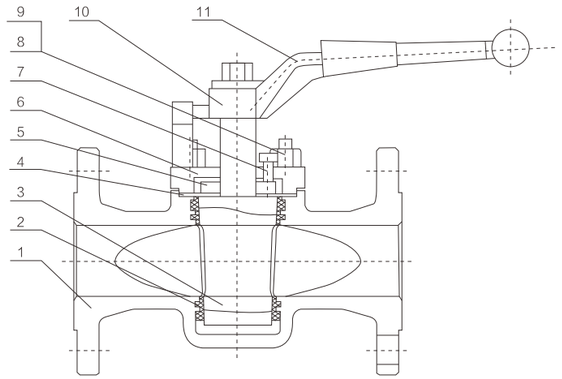
技术规范 Technical specification

结构形式Structure formation	BB-GB-OS&Y
驱动方式 Driving way	手柄 / 蜗轮蜗杆传动 / 气动 / 电动 Hand shank / worm & worm gear / pneumatic / electric-actuated
设计标准 Design standard	API599、API6D
结构长度 Face to face	ASME B16.10
连接法兰 Flange end	ASME B16.5
试验和检验 Test & inspection	API598、API6D

注：阀门连接法兰尺寸根据用户要求设计制造
Note:The size of serial valve connection flange can be designed according to customers requirement.

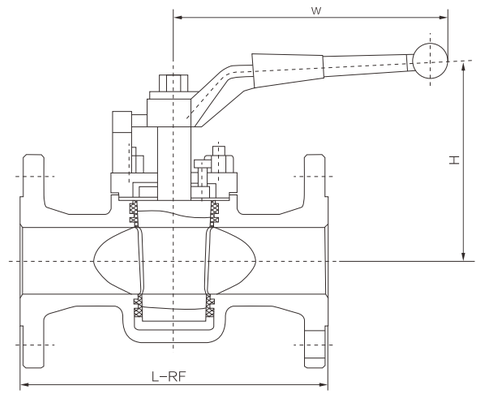
产品性能规范 Products performance specification

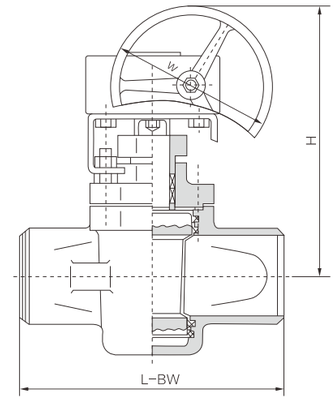
公称压力(Lb) Nominal pressure	壳体试验压力(MPa) Shell test	密封试验压力(MPa) Sealing test	适用温度(℃) Applicable temperature	使用介质 Applicable medium
150	3.0	2.2	≤180℃	水、蒸汽、油品等 Water,oil&gas
300	7.5	5.5		
600	15.0	11.0		
900	22.5	16.5		



主要零件材料Main Parts Material

序号 No.	名称 Parts name	材质 Material
1	阀体Boby	ASTM A216 WCB ASTM A351-CF8 / CF8M / CF3 / CF3M
2	卡套Sleeve	PTFE
3	塞子Plug	ASTM A217-WC1 / WC6 / WC9 / C5 ASTM A351-CF8 / CF8M / CF3 / CF3M
4	垫片Gasket	PTFE
5	调整垫 Adjusting gasket	ASTM A182-F304 / F316 / F321 / F304L / F316 ASTM A182-Gr.F6a ASTM A182-F22
6	阀盖 Bonnet	ASTM A216-WCB ASTM A351-CF8 / CF8M / CF3 / CF3M
7	螺栓 Bolt	ASTM A194-2H / A194-8 / A194-8M
8	六角螺母 Hex nut	ASTM A194-2H / A194-8 / A194-8M
9	调整压盖 Adjusting gland	ASTM A216 WCB ASTM A351-CF8 / CF8M / CF3 / CF3M
10	内六角螺栓 Hex nut	ASTM A193-B7 / A193-B8 / A193-B8M
11	手柄 Wrench	ASTM A216-WCB





主要外形连接尺寸和重量Main connection Dimensions & Weight

X43F-150Lb

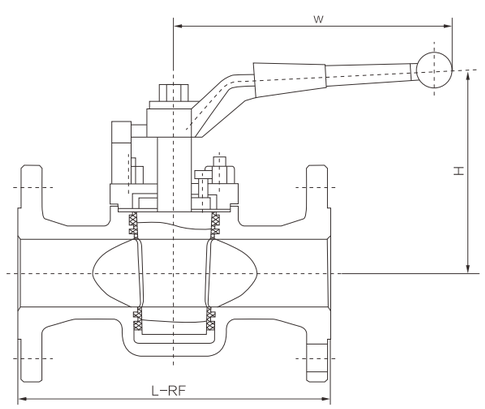
压力等级 Pressure		150Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	21/2	3	4	5	6	8	10	12	14
L-RF		108	117	127	140	165	178	190	203	229	254	267	292	330	356	381
L-BW		152	178	203	216	229	267	305	330	356	381	394	457	533	610	686
H		110	115	115	135	140	150	165	180	380	460	520	580	620	680	760
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
重量 Weight (kg)		8.5	9.5	10.5	12	14	18	22	26	40	60	70	130	219	381	570

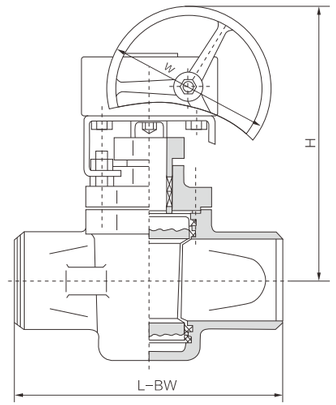
注：4"及以上为蜗轮操作
Note:4" above with worm gear

X43F-300Lb

压力等级 Pressure		300Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	21/2	3	4	5	6	8	10	12	14
L-RF		40	152	165	178	190	216	241	283	305	381	403	419	457	502	762
L-BW		152	178	203	216	229	267	305	330	356	381	457	521	559	635	762
H		110	115	115	135	140	150	165	180	380	460	520	580	620	680	760
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
重量 Weight (kg)		9.5	10.5	12	14	16	20	24	29	53	75	85	185	230	390	550

注：4"及以上为蜗轮操作
Note:4" above with worm gear





主要外形尺寸和重量Main Dimensions & Weight

X43F-600Lb

压力等级 Pressure		600Lb															
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	21/2	3	4	5	6	8	10	12	14
L-RF · BW		165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
H		110	115	115	135	140	150	165	180	380	460	520	580	620	680	760
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
重量 Weight (kg)		11	13	17	20	23	27	31	36	72	98	141	245	330	515	710

注：“4”及以上为蜗轮操作
Note:"4" above with worm gear

X43F-900Lb

压力等级 Pressure		900Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	21/2	3	4	5	6	8	10	12	14
L-RF · BW		229	229	254	279	305	368	419	381	457	559	610	737	838	965	1029
H		110	115	115	135	140	150	165	180	380	460	520	580	620	680	760
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
重量 Weight (kg)		13	16	21	24	28	32	40	45	91	117	165	285	420	610	860

注：“4”及以上为蜗轮操作
Note:"4" above with worm gear

CS11H
自由浮球式
(free ball float)

CS41H
自由浮球式
(free ball float)

CS11H
自动自由浮球式
(Automatic and free ball float)

CS41H
自动自由浮球式
(Automatic and free ball float)

CS41-3NL立式
自由浮球式
(free ball float)

设计标准Design Standard: GB/T13927-2008
法兰连接Flange end: GB/T9113-9124, JB/T79.1-79.4, HG20592-20635, SAME B16.5, ASME B16.47
螺纹连接End thread: GB/T505, GB/T12716, BSP, NPT
结构长度Face to face: GB/T12250
检验试验Inspection & test: GB/T12251

性能/优点

能连续排放饱和凝结水加热设备不会有水积聚，从而获得最高的热效率。
蒸汽压力变化时不受影响浮球能自动调节阀座孔的开度，工作连续，性能稳定。
排空气性能好有自动或手动排空气装置，无气锁现象，工作平稳无噪音。

Performance/ advantages

Continues discharging saturation condensed water without accumulation,and so get the maximum thermal efficiency.
When steam pressure changes, the ball float can adjust the opening ofvalve seat without influence, and so it is stable.
With automatic and manual releaser, and so its exhaust performance isgood without airlock and working is smooth without noise

用途

用于蒸汽加热设备和凝结水回收系统及需要快速排除凝结水的工况，能自动、迅速、连续地排除凝结水，有效地阻止蒸汽泄漏，并获得最好的加热效果。

Application

By automation, speediness and continuing features, this valve is used for the steam heating equipment, condensation water recovery system and the place where needs removing condensation water at quick speed, and so stop steam leakage effectively and obtain optimum heating.

工作原理

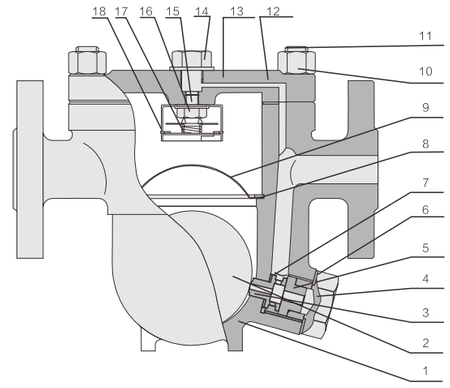
该阀利用浮力原理，浮球根据凝结水量的多少随水位的变化而作升降，自动调节阀座孔的开度，连续排放凝结水。当凝结水停止进入时，浮球靠自重降到底部，关闭排水阀座孔。由于排水阀座孔在凝结水水位以下，水汽自然分离，形成水封，达到无蒸汽泄漏。

Working principle

By the action of buoyancy, the position of ball float changes with the water level of condensation water and adjust the opening of valve seat automatically, continue to discharge condensation water. When the condensation water stops, the ball float fall onto bottom by gravity, then close opening of drain valve. The opening of drain valve is below the water lever, and so the water is separated form steam automatically, and form water seal without steam leakage.

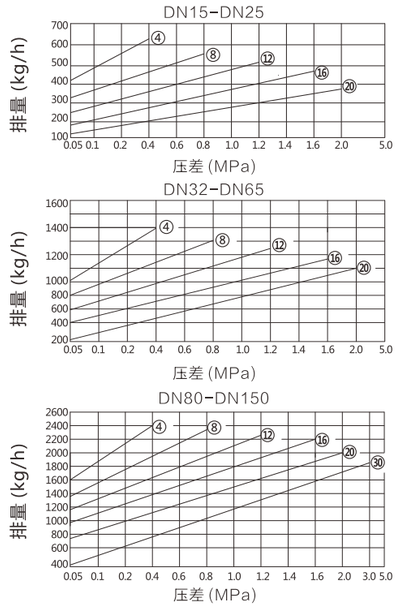
公称压力 Nominal pressure	PN16	PN25	PN40
防气阻功能 Vapor lock function	膜盒或手动 Bellows or manual	膜盒或手动 Bellows or manual	手动 Manual
PMA最高允许压力 PMA maximum allowable stress	1.6MPa(38℃)	2.5MPa(38℃)	4.1MPa(38℃)
PMO最大工作压力 PMO maximum working pressure	1.3MPa(315℃)	2.0MPa(200℃)	2.5MPa(200℃)
TMA最高允许温度 TMA maximum allowable temperature	425℃(1.1MPa)	425℃(1.1MPa)	425℃(2.6MPa)
TMO最高工作温度 TMO highest working temperature	425℃(1.1MPa)	425℃(1.1MPa)	425℃(2.6MPa)

注：可提供自动排空气装置，请在订货时注明。
Note: We can provide automatic exhaust air device, when ordering, please indicate.

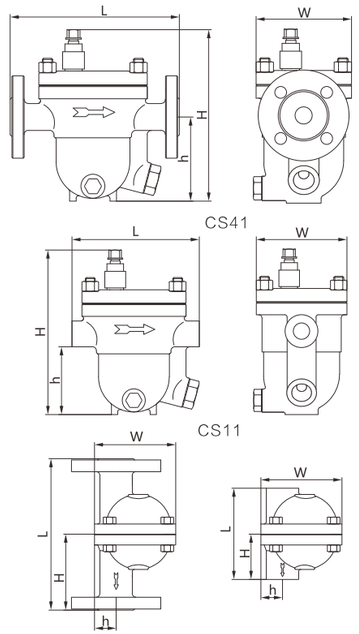


序号No.	零件名称 Parts name	材料Material
1	阀体 Body	WCB
2	浮球 Ball	304
3	密封圈 Sealing ring	2Cr13
4	尾螺 Tail screw	2Cr13
5	井帽 Cap	2Cr13
6	平垫圈 Flat washer	H62
7	平垫圈 Flat washer	H62
8	挡圈 Retaining ring	65Mn
9	滤网 Filter screen	304
10	螺母 Nut	45
11	螺柱 Bolt	35CrMoA
12	石墨封圈Graphite sealing ring	304+石墨Graphite
13	阀盖 Bonnet	A105
14	螺堵头 Screw plug	2Cr13
15	阀座 Seat	Q235
16	膜合膨胀片 Membrane and expanding slice	304
17	弹簧 Spring	304
18	保护套Protective sleeve	304

自由浮球式蒸汽疏水阀CS41/CS11
Free ball float steam trap CS41/CS11



注：1、图中曲线标注的编号（4,8,12等）代表相应工作压差下的排量及阀座代号
2、压差是指疏水阀的入口端与出口端的压力差



CS41-3NL立式　　CS11-3NL立式

CS41 外形尺寸 Main dimension

□径(DN)	L	H	h	W
15	195	195	97	125
20	195	200	103	130
25B	215	210	105	130
25D	270	240	130	172
32	270	240	130	172
40	280	250	140	172
50D	290	250	140	172
50F	340	300	175	210
65	340	300	175	210
80	340	325	190	220
100	430	410	225	260
125	430	420	260	280
150	480	506	311	302

CS11 外形尺寸 Main dimension

□径(DN)	L	H	h	W
15	155	195	97	105
20	155	200	103	105
25	155	210	105	115
32	160	220	116	120
40	160	220	116	120
50	160	235	123	120

CS41-3NL立式 外形尺寸 Main dimension

□径(DN)	L	H	h	W
15	160	62.5	30	112.5
20	160	62.5	30	112.5
25	160	62.5	30	112.5
32	250	100	38	172
40	250	100	38	172
50	250	100	38	172

CS11-3NL立式 外形尺寸 Main dimension

□径(DN)	L	H	h	W
15	125	62.5	30	112.5
20	125	62.5	30	112.5
25	125	62.5	30	112.5
32	200	100	38	172
40	200	100	38	172
50	200	100	38	172

注：连接标准：法兰 JB,GB,HG ,ANSI ,JIS 螺纹 ZG、G、NPT或客户要求

热动力式蒸汽疏水阀CS19/CS49/TD42
Thermal power disk steam trap CS19/CS49/TD42

CS19Y型
热动力圆盘式
(Thermal power)

CS49Y型
热动力圆盘式
(Thermal power)

CS19W
热动力圆盘式
(Thermal power)

TD42
热动力圆盘式
(Thermal power)

设计标准Design Standard: GB/T13927-2008
法兰连接Flange end: GB/T9113-9124, JB/T79.1-79.4, HG20592-20635, SAME B16.5, ASME B16.47
螺纹连接End thread: GB/T505, GB/T12716, BSP, NPT
结构长度Face to face: GB/T12250
检验试验Inspection & test: GB/T12251

性能/优点

结构合理、体积小、重量轻、安装方便。不怕冻、耐水击、耐过热带有不锈钢过滤装置、维护方便动作灵敏、密封性能好，使用寿命长。

Performance/ advantages

Perfect structure,small size, light in weight and easy in stallation cold resistance, water hammer resistance and heat resistance with stainless steel filtering device, easy to maintenance flexble action, good leak tightness and longtime useful life.

用途

适用于高温蒸汽主管线和过热蒸汽管网的阻汽排水。

Application

Used for vapor barrier and drain for high temperature steam pipeline and over heating steam pipe net.

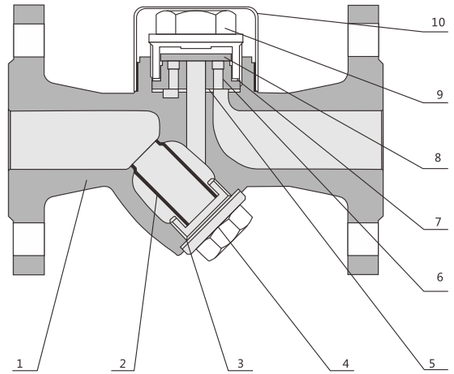
工作原理

圆盘式疏水阀是利用蒸汽和凝结水通过阀孔时流速和体积产生变化的不同热力学性质，驱动阀片开关阀座孔，从而达到阻汽排水。

Working principle

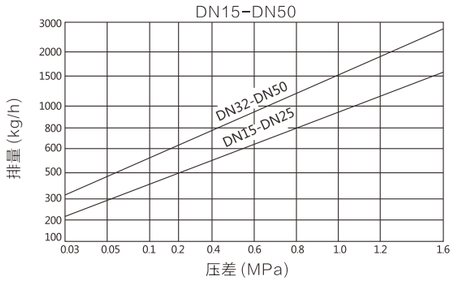
With the different thermodynamic property caused by velocity of flow and volume from the steam and condensation water, the disk steam trap drive the hole of the switching valve and realize stoping steam and drain.

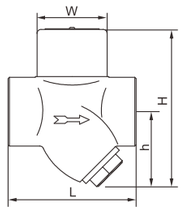
公称压力 Nominal pressure	PN16	PN25	PN40
防气阻功能 Vapor lock function	自控 Automatic control	自控 Automatic control	自控 Automatic control
PMA最高允许压力 PMA maximum allowable stress	1.6MPa(38℃)	2.5MPa(38℃)	4.1MPa(38℃)
PMO最大工作压力 PMO maximum working pressure	1.3MPa(315℃)	2.0MPa(200℃)	2.5MPa(200℃)
TMA最高允许温度 TMA maximum allowable temperature	300℃(1.1MPa)	300℃(1.1MPa)	300℃(2.6MPa)
TMO最高工作温度 TMO highest working temperature	250℃(1.1MPa)	250℃(1.1MPa)	250℃(2.6MPa)



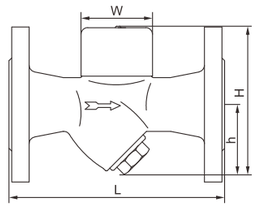
序号No.	零件名称 Parts name	材料Material
1	阀体 Body	WCB
2	过滤网 Filter screen	304
3	密封垫片 Sealing gasket	PPL
4	底盖 Bottom cover	Q235
5	密封垫片 Sealing gasket	PPL
6	阀座 Seat	304
7	密封垫片 Sealing gasket	PPL
8	阀片 Valve plates	304
9	阀盖Bonnet	Q235
10	防护盖Protective cover	304

热动力式蒸汽疏水阀CS19/CS49/TD42
Thermal power disk steam trap CS19/CS49/TD42





CS19Y型



CS49Y型

注：1、图中曲线标注的编号（4,8，12等）代表相应工作压差下的排量及阀座代号
2、压差是指疏水阀的入口端与出口端的压力差

CS49 Y型
外形尺寸
Main dimension

口径(DN)	L	H	h	W
15	150	110	50	53
20	150	110	50	53
25	160	110	50	53
32	230	148	70	68
40	230	148	70	68
50	230	158	77	77

CS19 Y型
外形尺寸
Main dimension

口径(DN)	L	H	h	W
15	90	110	50	53
20	90	112	52	53
25	90	118	56	53
32	130	160	81	77
40	130	160	81	77
50	150	195	95	80

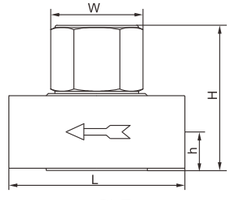
TD42
外形尺寸
Main dimension

口径(DN)	L	H	h	W
15	80	101	54	47
20	90	110	59	57
25	95	121	62	57

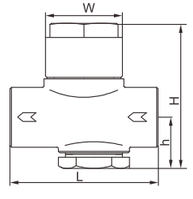
注：连接标准：法兰 JB,GB,HG ,ANSI ,JIS 螺纹 ZG、G、NPT或客户要求

SLZ仪表式

CS19W仪表式



SLZ



CS19W

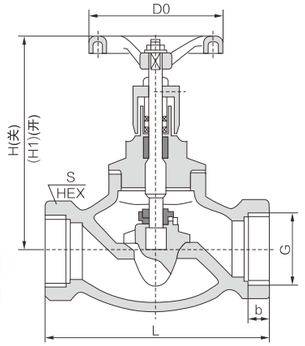
CS19W 仪表式
外形尺寸
Main dimension

口径(DN)	L	H	h	W
6	40	51	18	27
10	52	54	20	27

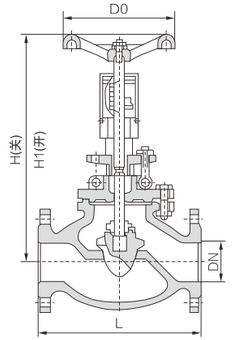
SLZ 仪表式
外形尺寸
Main dimension

口径(DN)	L	H	h	W
6	40	33	9	21

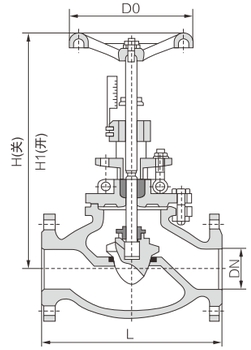
注：连接标准：法兰 JB,GB,HG ,ANSI ,JIS 螺纹 ZG、G、NPT或客户要求



TJ10型



TJ40型



TJS40型(自锁型Self-Lokc)

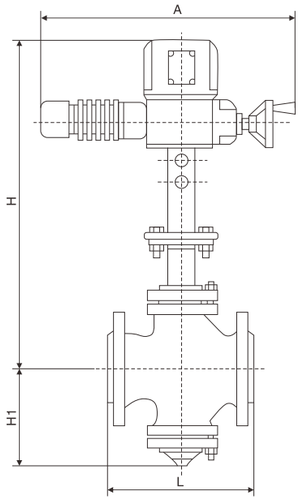
主要外形连接尺寸和重量Main connection Dimensions & Weight

公称通径DN	PN1.0/1.6/2.5MPa							WT (kg)
	L	G	B	S	H	H1	D0	
15	90	1/2"	16	32	160	170	80	0.9
20	100	3/4"	18	38	160	172	120	1.1
25	120	1"	20	46	182	195	160	1.8
32	140	11/4"	22	55	192	210	180	2.8
40	170	11/2"	24	60	250	279	200	3.8
50	200	2"	26	75	264	290	230	5.7

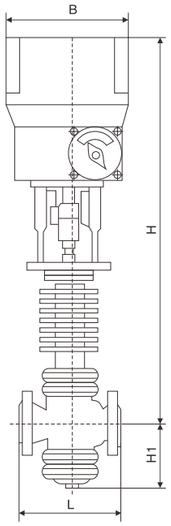
主要外形连接尺寸和重量Main connection Dimensions & Weight

公称通径DN	PN1.0/1.6/2.5MPa				WT (kg)
	L	H	H1	D0	
15	130	160	172	80	2.5
20	150	160	172	120	3.5
25	160	182	195	160	4.8
32	180	192	210	180	7
40	200	250	273	200	9.5
50	230	264	290	230	13.5
65	290	380	426	230	28
80	310	413	468	270	35
100	350	488	530	320	58
125	400	540	613	340	79
150	480	623	698	400	117
200	600	887	777	500	185
250	730	915	1030	560	327
300	850	940	1080	680	422
350	980	968	1128	680	610
400	991	990	1175	720	750
450	1082	1100	1300	800	–
500	1184	1130	1360	800	–

电动调节阀
Electric regulating valve



ZAZP常温型

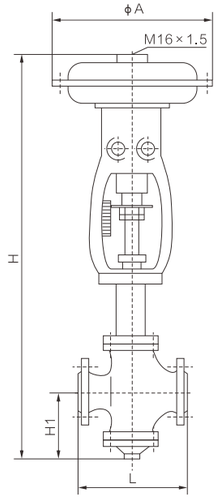


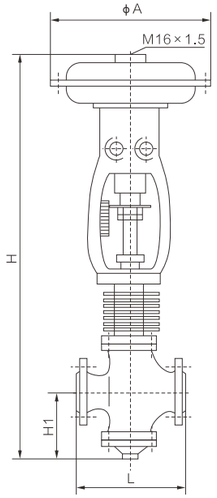
ZAZP散热型

主要外形连接尺寸和重量Main connection Dimensions & Weight

公称通径（DN）	尺寸 Size（mm）										电动执行机构型号 Electric administer framework type	出轴推力 MPa (kgf/cm) Output thrust	行程 h (mm) Joumey	额定流量系数 Rating flux coefficient	
	L			ZAZP型 Type			ZAZN型 Type			A (长) Long	B (宽) Width				
	PN1.6 (MPa)	PN4.0 (MPa)	PN6.4 (MPa)	H 常温型 Normal temperature	H 散热型 Heat-scattering type	H1	H 常温型 Normal temperature	H 散热型 Heat-scattering type	H1					单座 One-seater	双座 Two-seater
20	180	185	190	495	655	95	–	–	–	490	230	ZAZ-25 DLZ-310	2.5 40 (25 400)	10	1.2-5	–
25	185	190	205	767	928	112	787	937	117			DKZ-310	40 (400)	16	8	10
32	200	210	220	793	940	118	793	942	120						12	16
40	220	230	240	812	963	129	832	982	139					25	20	25
50	250	255	265	842	993	144	842	992	144						32	40
65	275	285	295	967	1127	178	987	1147	188	530		DKZ-410	64 (640)	40	50	63
80	305	310	325	990	1142	191	1017	1177	208						80	100
100	350	355	370	999	1151	195	1041	1207	220						120	160
125	410	425	440	1092	1307	245	1142	1357	270					60	200	250
150	450	460	475	1112	1327	255	1162	1377	280						280	400
200	550	560	570	1187	1402	290	1244	1459	320						450	630
250	670	740	750	–	–	–	1472	1599	440	630	260	DKZ-510	160 (1600)	100	700	100
300	770	805	820	–	–	–	1530	1747	502						1000	1600

气动薄膜调节阀
Pneumatic regulating valve





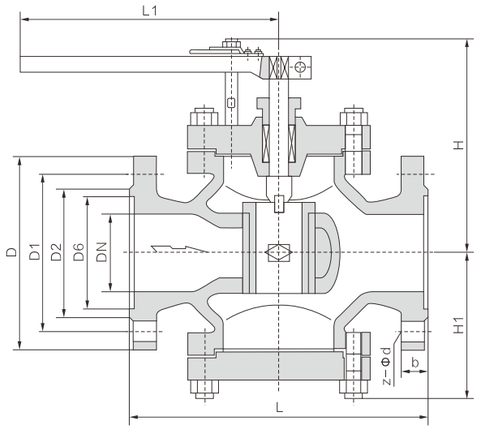
主要外形连接尺寸和重量Main connection Dimensions & Weight

公称通径（DN）	尺寸 Size（mm）									输出压力(kgf/cm²) Output pressure				额定流量系数 Rating flux coefficient	
	L		ZMZP型 Type			ZAZN型 Type			ϕA	单座 One-seater		双座 Two-seater			
	PN1.6 (MPa)	PN6.4 (MPa)	H 常温型 Normal temperature	H 散热型 Heat-scattering type	H1	H 常温型 Normal temperature	H 散热型 Heat-scattering type	H1		0.2 允许压差 Allowable gland	4.0 允许压差 Allowable gland	0.2 允许压差 Allowable gland	4.0 允许压差 Allowable gland	单座 One-seater	双座 Two-seater
20	180	190	654	799	93	–	–	–	280	13	27	–	–	1.2-5	–
25	185	205	669	725	110	679	785	117		8	16	54	64	8	10
32	200	220	680	786	120	684	790	120		5	11	44	64	12	16
40	220	240	754	854	130	774	874	139	325	5	10	46	64	20	25
50	250	265	785	885	145	785	885	144		3	6	38	64	32	40
65	275	295	991	1138	180	1011	1158	188	410	3	6	47	64	50	63
80	305	325	1008	1162	190	1042	1196	208		2	4	36	64	80	100
100	350	370	1015	1169	195	1065	1219	220		1.2	2.4	28	28	120	160
125	410	440	1268	1461	240	1318	1501	270	495	1.2	2.4	37.5	37.5	200	250
150	450	475	1286	1469	250	1340	1523	280		0.8	1.6	27	27	280	400
200	550	570	1363	1546	290	1423	1660	320		0.8	1	21.5	21.5	450	630

特点:单座调节阀具有易密封,泄漏量少的特点,但不平衡力较大,故工作压差不宜过高.
双座调节阀具有额定流量系数大，不平衡力小等优点，因而被广泛应用.

Characteristic:
Single-seat adjustable valve: seal easily, little leakage, big imbalance force, thereby working gland can't be very high.
Double seats adjustable valve: with advantages of largerated capacity coefficient, small im balance force, thereby it is used widely.

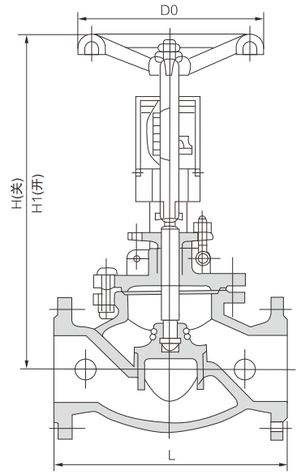
给水回转式调节阀
Feed-water level regulating valve



主要外形尺寸Main Dimensions

产品型号 Type	公称通径 DN(mm)	PN1.6/2.5MPa					PN4.0/6.4/10.0MPa				
		L	H	H1	W	WT(kg)	L	H	H1	W	WT(kg)
T40H-16 T40H-16C T40H-25 T40H-40 T40H-64 T40H-100	20	160	180	90	140	4	180	185	100	150	4
	25	180	200	100	160	7	200	210	110	160	8
	32	200	205	100	180	12	220	220	110	190	14
	40	220	210	120	200	38	240	225	135	210	40
	50	250	230	120	230	55	270	250	135	245	60
	65	280	240	130	240	91	300	250	140	270	95
	80	310	250	150	270	92	330	260	160	300	98
	100	350	280	150	300	121	380	300	180	330	130
	125	400	290	190	350	121	450	310	200	380	130
	150	450	300	205	380	167	500	320	220	420	175
	200	500	325	270	440	267	550	340	230	500	280
	250	650	330	270	500	415	650	360	300	560	420
	300	800	450	335	650	580	800	480	370	720	600

平衡调节阀
Balance accommodate valve



概述Summary

本公司生产工艺KPF型平衡调节阀是一种具有特殊功能的阀门，它除具有调节阀功能外，还能实现流量定量，可以有效地解决供热（空调）系统中存在的室温冷热不匀问题。由于该阀上设有开启度指示，开度锁定装置及用于流量测定的测压小阀，所以只要在各支路及用户入口处装上适当的规格的平衡阀，并用专用智能仪表进行一次性调节后锁定，将系统的总水量控制在合理范围内，就能克服了“大流量，小温差”的不合理现象。该产品是供热系统中的理想产品。

The company has produced KPF model of balance adjustable valve Besides adjustable function, it can realize ration on capacity, efficiently solve the problem of unequally cold and hot room temperature in heating system(air-condition).Because to this valve has indicator of open degree, thereby, as long as suitable balance valve is installed on each spur track, and special intelligent instrument is willing to debug once and lock the setting, total capacity of the system will be in a reasonable range to overcome the unreasonable phenomenon of large capacity"and"small temperature differential". This product is ideal in heating system.

采用标准 Adoptstandard

设计标准 Design standard	GB/T 12235
结构长度 Face to face	GB/T 12221
配管法兰 Tubing flange	JB/T79、GB/T 2416
试验与检验 Test & inspection	GB/T 13927、JB/T 9092
传动方式Drive mode	手动、齿轮动、电动 Manual,conical gear actuator, electric

主要性能参数 Main performance parameter

公称压力 Nominal pressure	1.0	1.6	2.5	MPa
壳体试验 Shell test	1.5	2.4	3.75	
密封试验 Seal test	1.1	1.76	2.75	
适用介质 Applicable medium	水、蒸汽Water,steam			
工作温度 Working temperature	-29~+350℃			

主要外形和连接尺寸 Main external and connection dimension

型号 Model		KPF-16																	
公称压力PN（MPa）		1.6																	
公称通径DN（MPa）		15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500	600
尺寸 (mm)	L	130	150	160	180	200	230	290	310	350	400	480	495	622	698	787	914	978	1295
	H	150	160	182	192	250	264	380	413	446	540	623	687	782	914	968	1037	1440	1790
	H1	160	170	197	207	270	284	410	448	506	595	688	762	867	1009	1073	1152	1440	1790
	Do	80	180	80	90	100	120	200	200	240	240	360	400	500	500	680	680		