

■ 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内的腔内。
- 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，不形成摩擦，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，阀门启闭时密封面间无摩擦，则使用寿命长。
- 5、维修方便：无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 not form the friction, also the valve seat makes with the wear-resisting nickelalloy, is not easily washed out the attrition, thus is suitable for contains the textile fiber, the small solid particle,the thick liquid and so on.
- 3.Suitable for high-velocity media:Direct flow, soild 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 soild particles, water, steam,gas,oil, etc.6.

■ 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/T 9113.1-2000
- 4、结构长度：JD-2004

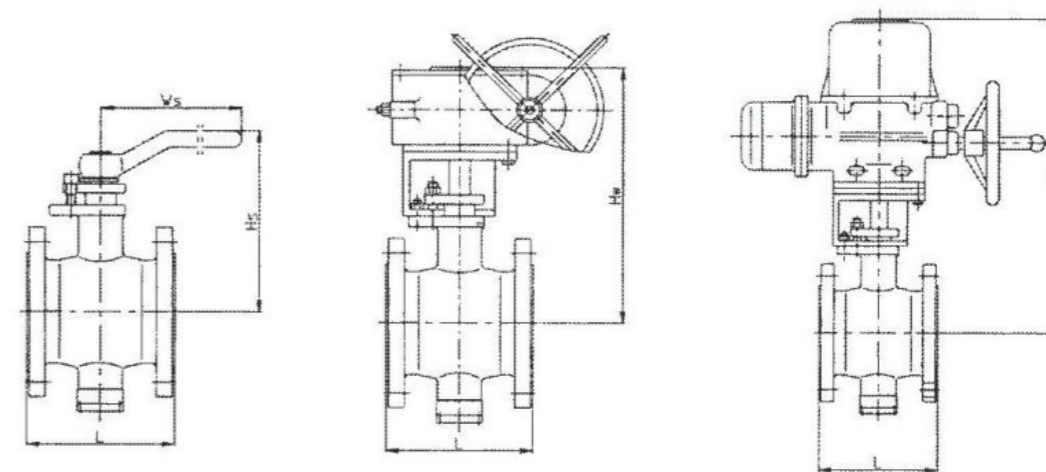
■ Implementation of the standards

- 1、Design and manufacture：GB/T12237-1989
- 2、Inspection and testing：GB/T13927-1992
- 3、Flange connection：GB/T 9113.1-2000
- 4、Face-to-face dimension：JD-2004

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

单位Unit:mm

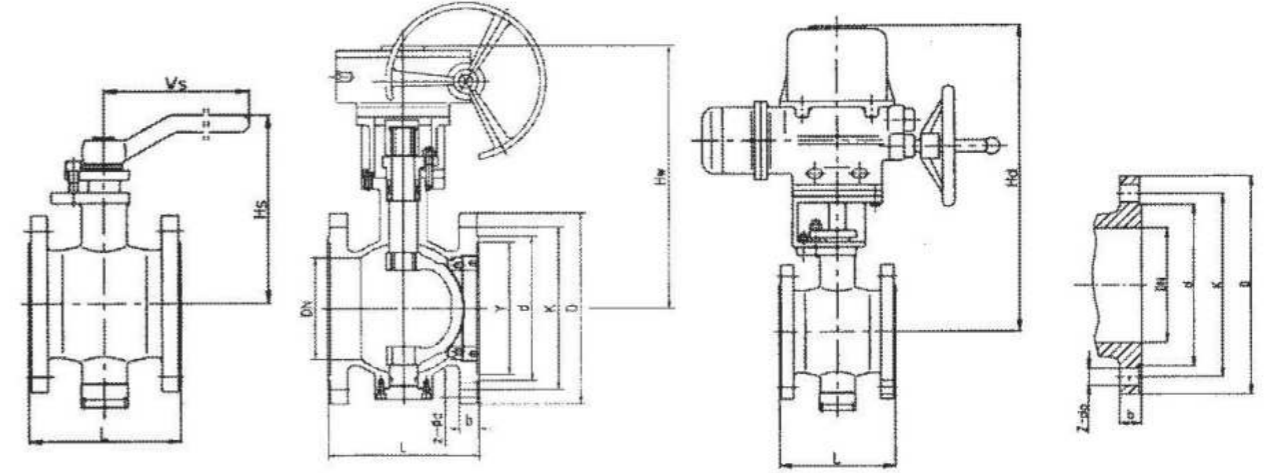
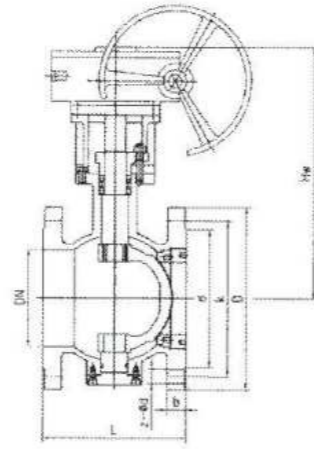
阀体、阀盖 Body,Bonnet	GB		WCB		ZG1Cr18Ni9Ti		ZG0Cr18Ni12Mo2Ti		ZG15Cr1Mo1V	
	ASTM		WCB		CF8		CF8M		WC9	
球体 spheroids	GB	ZG2Cr13		ZG1Cr18Ni9Ti 表面特殊处理 surfaces special handing		ZG0Cr18Ni12Mo2Ti 表面特殊处理 surfaces special handing		ZG15Cr1Mo1V 表面特殊处理 Surfaces special handing		
	ASTM	CA15		CF8+HF		CF8M+HF		WC9+HF		
阀杆 Steam	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 Bolts	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

单位Unit:mm

公称压力 PN	公称口径 DN	尺寸(mm)							
		L	D	K	d	b	Z-Φdo	Hw	Hd
1.0MPa	100	229	220	180	156	22	8-Φ18	330	380
	125	254	250	210	184	22	8-Φ18	345	405
	150	267	285	240	211	24	8-Φ22	370	440
	200	292	340	295	266	24	8-Φ22	405	470
	250	330	395	350	319	26	12-Φ22	480	540
	300	356	445	400	370	26	12-Φ22	520	580
	350	430	505	460	429	26	16-Φ22	570	630
	400	530	565	515	480	26	16-Φ26	630	710
	450	580	615	565	530	28	20-Φ6	690	770
	500	660	670	620	582	28	20-Φ26	740	820
	600	840	780	725	682	34	20-Φ30	840	940
	700	900	895	840	794	34	24-Φ30	960	1040
	800	1000	1015	950	901	36	24-Φ33	1080	1180
	900	1100	1115	1050	1001	38	28-Φ33	1190	1280
1.6MPa	1000	1200	1230	1160	1112	38	28-Φ36	1310	1420
	1200	1300	1455	1380	1328	44	32-Φ39	1420	1530
	1400	1500	1675	1590	1530	48	36-Φ42	1540	1650
	100	229	220	180	156	22	8-Φ18	330	380
	125	254	250	210	184	22	8-Φ18	345	405
	150	267	285	240	211	24	8-Φ22	370	440
	200	292	340	295	266	24	12-Φ22	405	470
	250	330	405	355	319	26	12-Φ26	480	540
	300	356	460	410	370	28	12-Φ26	520	580
	350	430	520	470	429	30	16-Φ26	570	630
	400	530	580	525	480	32	16-Φ30	630	710
	450	580	640	585	548	40	20-Φ30	690	770
	500	660	715	650	6098	44	20-Φ33	740	820
	600	840	840	770	720	54	20-Φ36	840	940
700	900	910	840	794	40	24-Φ36	960	1040	
800	1000	1025	950	901	42	24-Φ39	1080	1180	
900	1100	1125	1050	1001	44	28-Φ39	1190	1280	
1000	1200	1255	1170	1112	46	28-Φ42	1310	1420	
1200	1300	1485	1390	1328	52	32-Φ48	1420	1530	
1400	1500	1685	1590	1530	58	36-Φ48	1540	1650	



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-Φdo	Ws	Hs	Hw	Hd
1.6MPa	50	124	165	125	100	-	16	4-Φ18	230	164	260	310
	65	145	185	145	120	-	18	4-Φ18	250	180	275	330
	80	165	200	160	135	-	20	8-Φ18	300	200	300	360
	100	194	220	180	155	-	20	8-Φ18	320	235	335	390
	125	210	250	210	185	-	22	8-Φ18	400	260	355	405
	150	229	285	240	210	-	24	8-Φ23	500	280	375	440
	200	243	340	295	265	-	26	12-Φ23	800	320	410	470
	250	297	405	355	320	-	30	12-Φ25	1000	355	485	550
	300	338	460	410	375	-	30	12-Φ25	1200	400	530	595
	350	400	520	470	435	-	34	16-Φ25	-	-	580	650
	400	400	580	525	485	-	36	16-Φ30	-	-	650	730
	450	502	640	585	545	-	40	20-Φ30	-	-	710	790
	500	533	715	650	608	-	44	20-Φ34	-	-	760	840
	600	686	840	770	718	-	48	20-Φ41	-	-	870	960
	700	762	910	840	788	-	50	24-Φ41	-	-	910	1080
	800	864	1025	950	898	-	52	24-Φ41	-	-	935	1125
900	914	1125	1050	998	-	54	28-Φ41	-	-	995	1255	
1000		1255	1170	1110	-	56	28-Φ48	-	-	1080	1385	
1200		1485	1390	1325	-	58	32-Φ54	-	-	1175	1490	
1400		1685	1590	1525	-	60	36-Φ54	-	-	1280	1565	
2.5MPa	50	124	165	125	100	-	20	4-Φ18	230	164	260	310
	65	145	185	145	120	-	22	8-Φ18	250	180	275	330
	80	165	200	160	135	-	22	8-Φ18	300	200	300	360
	100	194	230	190	160	-	24	8-Φ23	320	235	335	390
	125	210	270	220	188	-	28	8-Φ25	400	260	355	405
	150	229	300	250	218	-	30	8-Φ25	500	280	375	440
	200	243	360	310	278	-	34	12-Φ25	800	320	410	470
	250	297	425	370	330	-	36	12-Φ30	1000	355	485	550
	300	338	485	430	390	-	40	12-Φ30	1200	400	530	595
	350	400	555	490	448	-	44	16-Φ30	-	-	580	650
	400	400	620	550	505	-	48	16-Φ34	-	-	650	730
	450	502	670	600	555	-	50	16-Φ34	-	-	710	790
	500	533	730	660	610	-	52	20-Φ41	-	-	760	840
	600	686	845	770	718	-	56	20-Φ41	-	-	870	960
	700	762	960	875	815	-	60	24-Φ48	-	-	910	1080
	800	864	1085	990	930	-	64	24-Φ48	-	-	935	1125
900	914	1185	1090	1025	-	66	28-Φ54	-	-	995	1255	
1000		1320	1210	1140	-	68	28-Φ58	-	-	1080	1385	
1200		1520	1420	1350	-	72	32-Φ58	-	-	1175	1490	
1400		1755	1640	1560	-	78	36-Φ65	-	-	1280	1565	

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

单位Unit:mm

公称压力 PN	公称通径 DN	尺寸(mm)											
		L	D	K	d	Y	b	Z-Φdo	Ws	Hs	Hw	Hd	
4.0MPa	50	124	165	125	100	88	20	4-Φ18	250	180	275	325	
	65	145	185	145	120	110	22	8-Φ18	300	200	290	345	
	80	165	200	160	135	121	22	8-Φ18	320	220	315	375	
	100	194	235	190	160	150	24	8-Φ23	400	260	350	405	
	125	210	270	220	188	176	28	8-Φ25	500	290	370	420	
	150	229	300	250	218	204	30	8-Φ25	800	310	390	455	
	200	245	375	320	282	260	38	12-Φ30	1000	350	435	495	
	250	297	450	385	345	313	42	12-Φ34	1200	390	510	575	
	300	338	515	450	408	364	46	16-Φ34	-	-	555	620	
	350	400	580	510	465	422	52	16-Φ34	-	-	605	675	
	400	400	660	585	535	474	58	16-Φ41	-	-	675	755	
	450	502	685	610	560	524	60	20-Φ41	-	-	735	815	
	500	533	755	670	612	576	62	20-Φ48	-	-	785	870	
	6.4MPa	50	124	180	135	105	88	26	4-Φ23	400	180	275	325
		65	145	205	160	130	110	28	8-Φ23	500	200	290	345
		80	165	215	170	140	121	30	8-Φ23	650	220	315	375
100		194	250	200	168	150	32	8-Φ25	800	260	350	405	
125		210	295	240	202	176	36	8-Φ30	1000	290	370	420	
150		229	345	280	240	204	38	8-Φ34	1200	310	390	455	
200		245	405	345	300	260	44	12-Φ34	1400	350	435	495	
250		297	470	400	352	313	48	12-Φ41	-	-	510	575	
300		338	530	460	412	364	54	16-Φ41	-	-	555	620	
350		400	600	525	475	422	60	16-Φ41	-	-	605	675	
400		400	670	585	525	474	66	16-Φ48	-	-	675	760	

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

单位Unit:mm

产品型号 Type	公称通径 DN	PN2.5MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-Φd	H	H ₁	
Q44F-25 Q44F-25P	15	140	95	65	45	16	4-Φ14	95	100	4
	20	152	105	75	55	16	4-Φ14	105	160	5
	25	165	115	85	65	16	4-Φ14	113	160	8
Q644F-25 Q644F-25P	32	178	135	100	78	18	4-Φ18	135	250	13
	40	190	145	110	85	18	4-Φ18	142	250	19
Q944F-25 Q944F-25P	50	216	160	125	100	20	4-Φ18	154	350	27
	65	241	180	145	120	22	8-Φ18	175	350	33
Q45F-25 Q45F-25P	80	283	195	160	135	22	8-Φ18	190	450	40
	100	305	230	190	160	24	8-Φ23	225	450	53
Q645F-25 Q645F-25P	125	381	270	220	188	28	8-Φ25	245	600	86
	150	403	300	250	218	30	8-Φ25	265	800	113
Q945F-25 Q945F-25P	200	502	360	310	278	34	12-Φ25	305	1200	133
	250	568	425	370	332	36	12-Φ30	370	1400	219

性能规范 Performance specification

试验压力 Test pressure

单位: mm

公称压力 Nominal pressures	常温最大工作压力 The maximum working pressure at room temperature	壳体试验压力 Shell 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	气密封试验压力 Gas seal testing pressure	高压密封试验压力 High-pressure sealing test pressure
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
		≤250℃	
铬镍钛钢P型 chromium nickel titanium steel p	不锈钢 PTFE+stainless steel	≤150℃	硝酸类 nicer acids
		≤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
		≤200℃	
铬镍钛钢I型 chromium nickel titanium steel i	不锈钢 PTFE+stainless steel	≤150℃	
		≤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

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

单位Unit:mm

产品型号 Type	公称通径 DN	PN4.0MPa									WT (kg)
		L	D	D ₁	D ₂	D ₆	b	Z-Φd	H	W	
Q44F-40 Q44F-40P	15	140	95	65	45	40	16	4-Φ14	95	100	4
	20	152	105	75	55	51	16	4-Φ14	105	160	5
	25	165	115	85	65	58	16	4-Φ14	113	160	8
Q644F-40 Q644F-40P	32	178	135	100	78	66	18	4-Φ18	135	250	13
	40	190	145	110	85	76	18	4-Φ18	142	250	19
Q944F-40 Q944F-40P	50	216	160	125	100	88	20	4-Φ18	154	350	27
	65	241	180	145	120	110	22	8-Φ18	175	350	33
Q45F-40 Q45F-40P	80	283	195	160	135	121	22	8-Φ18	190	450	40
	100	305	230	190	160	150	24	8-Φ23	225	450	53
Q645F-40 Q645F-40P	125	381	270	220	188	176	28	8-Φ25	245	600	86
	150	403	300	250	218	204	30	8-Φ25	265	800	113
Q945F-40 Q945F-40P	200	502	375	310	282	260	38	12-Φ30	305	1200	133
	250	568	455	370	345	313	42	12-Φ34	370	1400	219

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

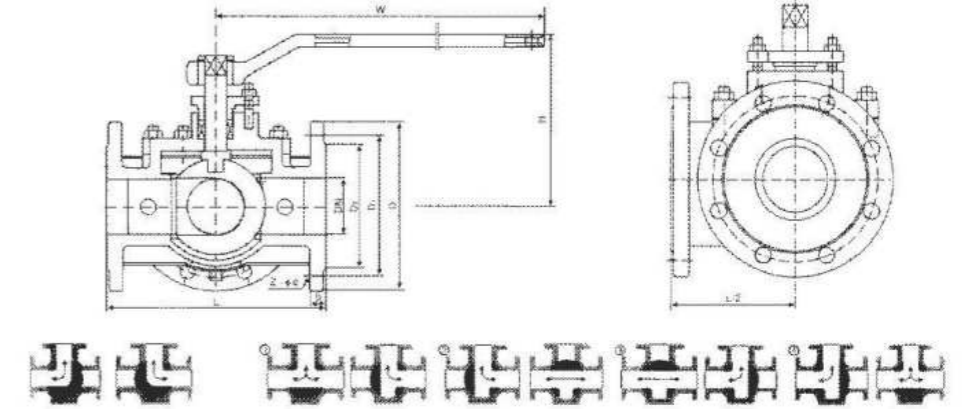
单位Unit:mm

阀体、阀盖 Body, Bonnet	GB	WCB		ZG1Cr18Ni9Ti		ZG0Cr18Ni12Mo2Ti		ZG15Cr1Mo1V	
	ASTM	WCB		CF8		CF8M		WC9	
球体 spheroids	GB	ZG2Cr13		ZG1Cr18Ni9Ti 表面特殊处理 surfaces special handing		ZG0Cr18Ni12Mo2Ti 表面特殊处理 surfaces special handing		ZG0Cr18Ni15Mo1V 表面特殊处理 surfaces special handing	
	ASTM	Ca15		CF8+HF		CF8M+HF		WC9+HF	
阀杆 Steam	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 bolts	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

单位Unit:mm

产品型号 Type	公称通径 DN	PN2.5MPa									WT (kg)
		L	D	D ₁	D ₂	b	Z-Φd	H	H ₁	W	
Q47F-25 Q47F-25P Q67F-25	50	216	160	125	100	20	4-Φ18	177	120	-	20
	65	241	180	145	120	22	8-Φ18	190	140	-	25
	80	283	195	160	135	22	8-Φ18	210	150	-	30
Q347F-25 Q347F-25P Q367F-25	100	305	230	190	160	24	8-Φ23	235	172	-	40
	125	381	270	220	188	28	8-Φ25	350	215	-	65
	150	403	300	250	218	30	8-Φ25	530	250	-	85
Q647F-25 Q647F-25P Q667F-25	200	502	360	310	278	34	12-Φ25	620	290	600	100
	250	568	425	370	332	36	12-Φ30	650	320	600	182
	300	648	485	430	390	40	16-Φ30	780	360	600	212
Q9B47F-25 Q9B47F-25P Q9B67F-25	350	762	550	490	448	44	16-Φ34	790	395	800	288
	400	838	610	550	505	48	16-Φ34	920	450	800	468
	450	914	660	600	555	50	20-Φ34	970	490	800	587
Q9B47F-25 Q9B47F-25P Q9B67F-25	500	991	730	660	610	52	20-Φ41	1100	530	800	863
	600	1143	840	770	718	56	20-Φ41	1150	590	800	1396
	700	1346	955	875	815	60	24-Φ48	1850	700	800	2415



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

单位Unit:mm

产品型号 Type	公称通径 DN	PN4.0MPa									WT (kg)	
		L	D	D ₁	D ₂	D ₈	b	Z-Φd	H	H ₁		W
Q47F-40 Q47F-40P Q67F-40	50	216	160	125	100	88	20	4-Φ18	177	120	-	20
	65	241	180	145	120	110	22	8-Φ18	190	140	-	25
	80	283	195	160	135	121	22	8-Φ18	210	150	-	30
Q347F-40 Q347F-40P Q367F-40	100	305	230	190	160	150	24	8-Φ23	235	172	-	40
	125	381	270	220	188	176	28	8-Φ25	350	215	-	65
	150	403	300	250	218	204	30	8-Φ25	530	250	-	85
Q647F-40 Q647F-40P Q667F-40	200	502	375	320	282	260	38	12-Φ30	620	290	600	100
	250	568	445	385	345	313	42	12-Φ34	650	320	600	182
	300	648	510	450	408	364	46	16-Φ34	780	360	600	212
Q747F-40 Q747F-40P Q767F-40	350	762	570	510	465	422	52	16-Φ34	790	395	800	288
	400	838	655	585	535	474	58	16-Φ41	920	450	800	468
	450	914	680	610	560	524	60	20-Φ41	970	490	800	587
Q9B47F-40 Q9B47F-40P Q9B67F-40	500	991	755	670	612	576	62	20-Φ48	1100	530	800	863
	600	1143	890	795	730	678	62	20-Φ54	1150	590	800	1396
	700	1346	995	900	835	768	68	24-Φ54	1850	700	800	2415

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

单位Unit:mm

产品型号 Type	公称通径 DN	PN6.4MPa									WT (kg)	
		L	D	D ₁	D ₂	D ₈	b	Z-Φd	H	H ₁		W
Q47F-64 Q47F-64P Q67F-64	50	292	175	135	105	88	26	4-Φ23	177	120	-	21
	65	330	200	160	130	110	28	8-Φ23	190	140	-	28
	80	356	210	170	140	121	30	8-Φ23	210	150	-	36
Q347F-64 Q347F-64P Q367F-64	100	432	250	200	168	150	32	8-Φ25	235	172	-	66
	125	508	295	240	202	176	36	8-Φ30	350	215	-	98
	150	559	340	280	240	204	38	8-Φ34	530	250	600	142
Q647F-64 Q647F-64P Q667F-64	200	660	405	345	300	260	44	12-Φ34	620	290	600	287
	250	787	470	400	352	313	48	12-Φ41	650	320	600	540
	300	838	530	460	412	364	54	16-Φ41	780	360	800	780
Q747F-64 Q747F-64P Q767F-64	350	889	595	525	475	422	60	16-Φ41	790	395	800	1000
	400	991	670	585	525	474	66	16-Φ48	920	450	800	1300
	450	1092	670	630	570	524	70	20-Φ48	970	490	800	1700
Q9B47F-64 Q9B47F-64P Q9B67F-64	500	1194	800	705	640	576	70	20-Φ54	1100	530	800	2100
	600	1397	930	820	750	678	76	20-Φ58	1150	590	800	3400

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

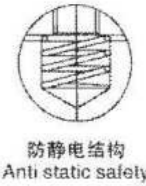
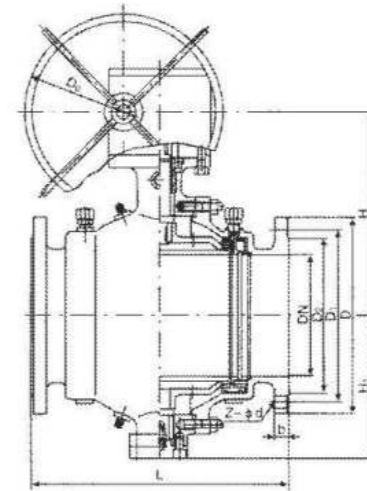
单位Unit:mm

产品型号 Type	公称通径 DN	PN1.6MPa							WT (kg)	
		L	D	D ₁	D ₂	b	Z-Φd	H		W
Q44F-16C Q44F-16P	15	108	95	65	45	14	4-Φ14	95	140	4
	20	117	105	75	55	14	4-Φ14	105	160	5
	25	127	115	85	65	14	4-Φ14	113	180	7
Q644F-16C Q644F-16P	32	140	135	100	78	16	4-Φ18	135	250	12
	40	165	145	110	85	16	4-Φ18	142	300	15
	50	178	160	125	100	16	4-Φ18	154	350	20
Q944F-16C Q944F-16P	65	191	180	145	120	18	4-Φ18	175	350	25
	80	203	195	160	135	20	8-Φ18	190	400	36
	100	229	215	180	155	20	8-Φ18	225	500	51
Q45F-16C Q45F-16P	125	356	245	210	185	22	8-Φ18	245	600	77
	150	394	280	240	210	24	8-Φ23	265	800	108
	200	457	335	295	265	26	12-Φ23	305	800	126
Q645F-16C Q645F-16P	250	533	405	355	320	30	12-Φ25	370	1300	186

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

单位Unit:mm

产品型号 Type	公称通径 DN	PN2.5MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-Φd	H	W	
Q41F-25C Q41F-25P	15	140	95	65	45	16	4-Φ14	103	100	3
	20	152	105	75	55	16	4-Φ14	112	160	4
	25	165	115	85	65	16	4-Φ14	123	160	6
	32	178	135	100	78	18	4-Φ18	150	250	10
Q641F-25C Q641F-25P	40	190	145	110	85	18	4-Φ18	156	250	14
	50	216	160	125	100	20	4-Φ18	172	350	20
Q9B41F-25C Q9B41F-25P	65	241	180	145	120	22	8-Φ18	197	350	25
	80	283	195	160	135	22	8-Φ18	222	450	30
	100	305	230	190	160	24	8-Φ23	253	450	40
	125	381	270	220	188	28	8-Φ25	275	600	65
	150	403	300	250	218	30	8-Φ25	286	800	85
	200	502	360	310	278	34	12-Φ23	340	1200	100
	250	568	425	370	332	36	12-Φ30	470	1400	165



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

单位Unit:mm

产品型号 Type	公称通径 DN	PN4.0MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-Φd	H	W	
Q41F-40 Q41F-40P	15	140	95	65	45	16	4-Φ14	103	100	3
	20	152	105	75	55	16	4-Φ14	112	160	4
	25	165	115	85	65	16	4-Φ14	123	160	6
Q341F-40 Q341F-40P	32	178	135	100	78	18	4-Φ18	150	250	10
	40	190	145	110	85	18	4-Φ18	156	250	14
Q641F-40 Q641F-40P	50	216	160	125	100	20	4-Φ18	172	350	20
	65	241	180	145	120	22	8-Φ18	197	350	25
Q9B41F-40 Q9B41F-40P	80	283	195	160	135	22	8-Φ18	222	450	30
	100	305	230	190	160	24	8-Φ23	253	450	40
	125	381	270	220	188	28	8-Φ25	275	600	65
	150	403	300	250	218	30	8-Φ25	286	800	85
	200	502	375	320	282	38	12-Φ30	340	1200	100
	250	568	445	385	345	42	12-Φ34	470	1400	165

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

单位Unit:mm

产品型号 Type	公称通径 DN	PN1.6MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-Φd	H	W	
Q47F-16C Q47F-16P Q67F-16C	50	178	160	125	100	16	4-Φ18	120	-	15
	65	191	180	145	120	18	4-Φ18	140	-	19
	80	203	195	160	135	20	8-Φ18	150	-	27
	100	229	215	180	155	20	8-Φ18	172	-	38
	125	356	245	210	185	22	8-Φ18	215	-	58
	150	394	280	240	210	24	8-Φ23	250	-	81
	200	457	335	295	265	26	12-Φ23	290	600	140
Q647F-16C Q647F-16P Q667F-16C	250	533	405	355	320	30	12-Φ25	320	600	160
	300	610	460	410	375	30	12-Φ25	360	600	205
Q747F-16C Q747F-16P Q767F-16C	350	686	520	470	435	34	16-Φ25	395	800	260
	400	762	580	525	485	36	16-Φ30	450	800	390
Q9B47F-16C Q9B47F-16P Q9B67F-16C	450	864	640	585	545	40	20-Φ30	490	800	510
	500	914	705	650	608	44	20-Φ34	530	800	750
	600	1067	840	770	718	48	20-Φ41	590	800	1200
	700	1245	910	840	788	50	24-Φ41	700	800	2100

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

单位Unit:mm

产品型号 Type	公称通径 DN	PN6.4MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-Φd	H	W	
Q41F-64 Q41F-64P	15	165	105	75	55	18	4-Φ14	105	130	3.1
	20	190	125	90	68	20	4-Φ18	125	130	4.9
	25	216	135	100	78	22	4-Φ18	135	160	7.2
Q341F-64 Q341F-64P	32	229	150	110	82	24	4-Φ23	150	160	8.7
	40	241	165	125	95	24	4-Φ23	165	230	12.1
Q641F-64 Q641F-64P	50	292	175	135	105	26	4-Φ23	175	230	16.7
	65	330	200	160	130	28	8-Φ23	200	400	28.2
Q9B41F-64 Q9B41F-64P	80	356	210	170	140	30	8-Φ23	210	400	36
	100	432	250	200	168	32	8-Φ25	250	700	66
	125	508	295	240	202	36	8-Φ30	295	1100	98
	150	559	340	280	240	38	8-Φ34	340	1500	142

球阀系列 BALL VALVES

主要特点

- ※全通径, 浮动/固定球
- ※中法兰螺栓连接
- ※防冲出阀杆
- ※美标结构改进型
- ※启闭定位机构
- ※蜗轮操作选配
- ※标准法兰连接
- ※对焊连接

CHIEF FEATURES

- ※FULL PORT, FLOATING OR TRUNNION MOUNTED TYPE
- ※BOLTED BONNET
- ※BLOW OUT PROOF STEM
- ※STRUCTURE IMPROVE ON API
- ※OPENING AND CLOSING POSITION
- ※AVAILABLE WITH WORMGEAK OPERATOR
- ※FLANGED ENDS
- ※BUTT-WELDING ENDS

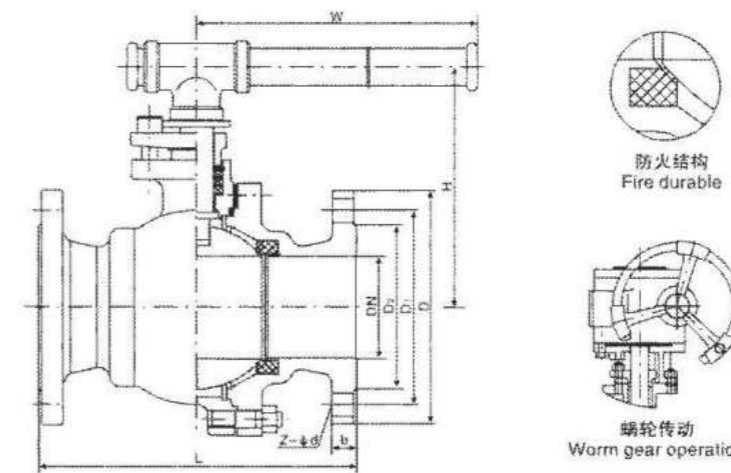


产品规范 Product Specification

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
	GB/T12237 JB/T 7745	GB/T 12221 JB/T 7745	JB/T79	JB/T 9092	GB/T 12220	JB/T 7928
	API608 API6D	ANSI B16.10 API6D	ANSI B16.5	API 598 API 6D	MSS SP-25 API6D	API608 API6D

主要零部件材料 Main Part Material

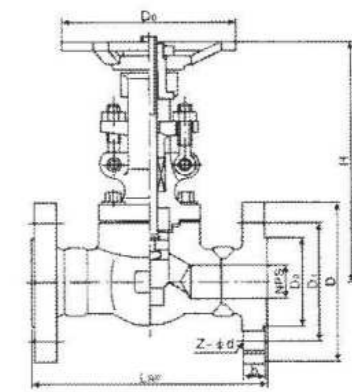
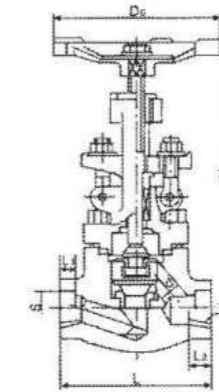
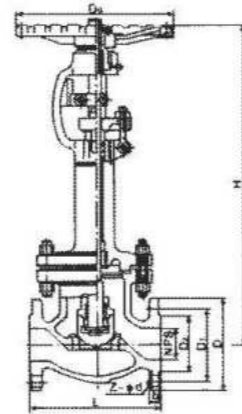
零件名称 Part name	零部件材料 Part Material					
	JB/T7298			API608/API6D		
阀体、阀盖 Body, Bonnet	WCB	25	ZG1Cr18Ni9Ti	WCB	A105	CF8M
球体 Ball	2Cr13	2Cr13	1Cr18Ni9Ti	A182-F304	A182-F304	A182-F316
阀杆 Stem	2Cr13	2Cr13	1Cr18Ni9Ti	A182-F6a	A182-F6a	A182-F316
阀座 Seat	25		1Cr18Ni9Ti	A105		A182-F316
密封圈 Seal Ring	PTFE		R.PTFE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



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

单位Unit:mm

产品类型 Type	公称通径 DN	PN1.6MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-φd	H	W	
Q41F-16C Q41F-16P Q41F-16C Q41F-16P Q9B41F-16C Q9B41F-16P	15	130	95	65	45	14	4-φ14	78	140	3
	20	140	105	75	55	14	4-φ14	84	160	4
	25	150	115	85	65	14	4-φ4	95	180	5
	32	165	135	100	78	16	4-φ18	150	250	9
	40	180	145	110	85	16	4-φ18	150	300	11
	50	203	160	125	100	16	4-φ18	170	350	15
	65	222	180	145	120	18	4-φ18	195	350	19
	80	241	195	160	135	20	8-φ18	215	400	27
	100	305	215	180	155	20	8-φ18	250	500	38
	125	356	245	210	185	22	8-φ18	265	600	58
	150	394	280	240	210	24	8-φ23	270	800	81
	200	457	335	295	265	26	12-φ23	330	800	95
	250	533	405	355	320	30	12-φ25	450	1300	140



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

单位Unit:mm

产品型号 Type	NPS in	DN mm	Class150Lb/300Lb/600Lb						Do	H			WT (kg)
			L	D	D ₁	D ₂	b	Z-Φd		-46℃	-101℃	-196℃	
DJ41Y-150Lb	2"	50	203	152	120.5	92	16	4-Φ19	224	460	480	520	15
	3"	80	241	190	152.5	127	19	4-Φ19	250	520	550	590	28
	4"	100	292	229	190.5	157	24	8-Φ19	350	545	575	615	32
	5"	125	356	254	216	186	24	8-Φ22	350	590	620	660	88
	6"	150	406	279	241.5	216	26	8-Φ22	355	650	680	730	96
	8"	200	495	343	298.6	270	29	8-Φ22	400	850	880	930	155
	10"	250	611	406	362	324	31	12-Φ25	500	956	986	1036	425
	12"	300	698	483	432	381	32	12-Φ25	560	1095	1125	1175	641
DJ41Y-300Lb	2"	50	267	165	127	92	23	8-Φ19	224	460	480	520	16
	3"	80	318	210	168.5	127	29	8-Φ22	300	520	550	590	29
	4"	100	356	254	200	157	32	8-Φ22	355	545	575	615	32
	5"	125	400	279	235	186	35	8-Φ22	355	590	620	660	90
	6"	150	444	318	270	216	37	12-Φ22	450	650	680	730	98
	8"	200	559	381	330	270	42	12-Φ25	560	850	880	930	159
DJ41Y-600Lb	2"	50	292	165	127	92	26	8-Φ19	250	483	504	546	16
	3"	80	356	210	168	127	32	8-Φ22	400	546	578	620	30
	4"	100	432	273	216	157	38	8-Φ25	400	572	604	646	33
	5"	125	508	330	266.5	186	45	8-Φ29	400	620	651	693	93
DJ41Y-800Lb	6"	150	559	356	292	216	48	12-Φ29	560	683	741	767	100
	8"	200	660	419	349	270	56	12-Φ32	630	893	924	977	163
	10"	250	787	508	432	324	64	16-Φ35	630	1004	1035	1088	447
	12"	300	838	559	489	381	67	20-Φ35	700	1150	1181	1234	673

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

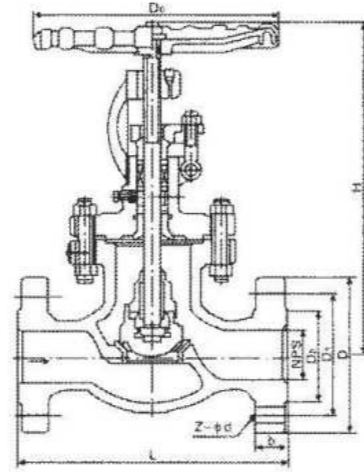
单位Unit:mm

产品型号 Type	公称通径 DN	PN1.6/2.5/4.0/6.4MPa								WT (kg)
		L	D	S	L ₁	T	L ₂	H	Do	
J41H-16C J41H-25 J41H-40 J11H-16C J11H-25 J11H-40 J61H-16C J61H-25 J61H-40	15	90	13	22.5	10	1/2"	15	159	98	6.9
	20	100	18	28.5	11	3/4"	17	190	112	9.8
	25	120	23	24.5	12	1"	19	208	126	13.5
	32	140	29	43	14	1 1/4"	21	216	166	19.5
	40	170	36	49	15	1 1/2"	21	247	188	28.5
	50	200	46	61	16	2"	25	290	220	30.3
J41H-64 J11H-64 J61H-64	15	90	13	22.5	10	1/2"	15	159	98	7.7
	20	100	18	28.5	11	3/4"	17	190	112	11.3
	25	120	23	34.5	12	1"	19	208	126	16.8
	32	140	29	43	14	1 1/4"	21	216	166	21.2
	40	170	36	49	15	1 1/2"	21	258	188	32.6
50	210	46	61	16	2"	25	405	220	35	

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

单位Unit:mm

产品型号 Type	公称通径 DN	PN10.0/16.0MPa Class 800Lb								WT (kg)
		L	D	S	L ₁	T	L ₂	H	Do	
J41Y-100 J11Y-100 J61H-100	15	90	13	22.5	10	1/2"	15	159	98	7.8
	20	100	18	28.5	11	3/4"	17	190	112	12.5
	25	120	23	24.5	12	1"	19	208	126	17.5
	32	140	29	43	14	1 1/4"	21	216	166	23.5
	40	170	36	49	15	1 1/2"	21	258	188	38.5
J41Y-160 J11Y-160 J61Y-160	50	200	46	61	16	2"	25	405	220	42.2
	15	90	13	22.5	10	1/2"	15	159	98	8.0
	20	100	18	28.5	11	3/4"	17	190	112	13.8
J41Y-800Lb J11Y-800Lb J61Y-800Lb	25	120	23	34.5	12	1"	19	208	126	18.5
	32	140	29	43	14	1 1/4"	21	216	166	25.5
	40	170	36	49	15	1 1/2"	21	258	188	41.6
	50	210	46	61	16	2"	25	405	220	49



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

单位Unit:mm

产品型号 Type	NPS	DN	Class150Lb								WT (kg)
	in	mm	L	D	D ₁	D ₂	b	Z-φd	H ₁	Do	
J41H-150Lb J41W-150LbP J41H-150LbP J41W-150LbL J41W-150LbRL	1/2"	15	108	89	60.5	35	12	4-φ15	169	125	5.0
	3/4"	20	117	98	70	43	12	4-φ15	180	125	7.0
	1"	25	127	108	79.5	51	12	4-φ15	190	125	9.0
	1 1/2"	40	165	127	98.5	73	14.3	4-φ16	347	180	15.0
	2"	50	203	152	120.5	92	15.9	4-φ19	356	180	18
	1/2"	65	216	178	139.5	105	17.5	4-φ19	381	240	30
	3"	80	241	190	152.4	127	19.1	4-φ19	411	280	41
	4"	100	292	229	190.5	157	24	8-φ19	454	280	64
	5"	125	356	254	216	186	24	8-φ22	541	320	86
	6"	150	406	279	241.5	216	25.4	8-φ22	565	360	113
	8"	200	495	343	298.5	270	29	8-φ22	800	450	115
	10"	250	622	406	362	324	31	8-φ25	1231	500	295
12"	300	698	483	432	381	32	8-φ25	1450	600	450	

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

单位Unit:mm

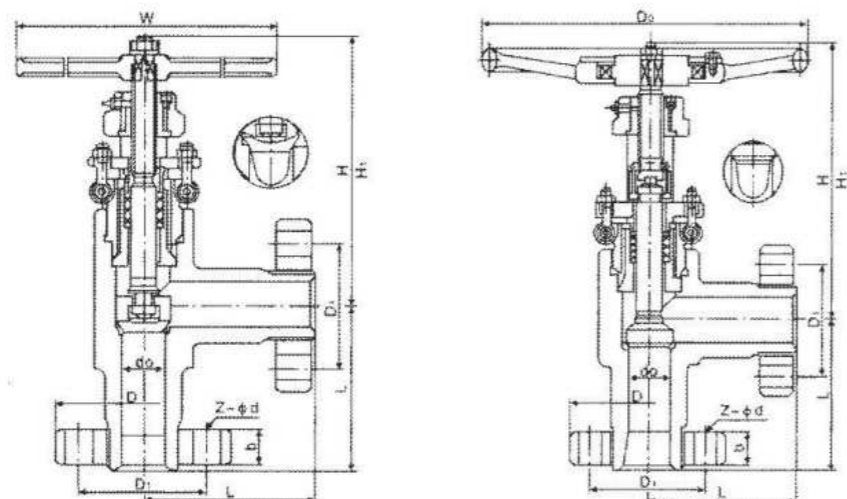
产品型号 Type	NPS	DN	Class300Lb								WT (kg)
	in	mm	L	D	D ₁	D ₂	b	Z-φd	H	Do	
J41H-300Lb J41W-300LbP J41H-300LbP J41W-300LbR J41W-300LbL J41W-300LbRL	1/2"	15	152	95	66.5	35	15	4-φ15	190	125	5.2
	3/4"	20	178	117	82.5	43	16	4-φ19	212	125	7.3
	1"	25	203	124	89	51	18	4-φ19	231	160	9.5
	1 1/2"	40	229	156	114.5	73	20.7	4-φ22	391	200	17.6
	2"	50	267	165	127	92	22	8-φ19	406	200	25
	1/2"	65	292	190	149	105	25	8-φ22	457	240	30
	3"	80	318	210	168.5	127	29	8-φ22	470	280	35
	4"	100	356	254	200	157	32	8-φ22	590	320	56
	5"	125	400	279	235	186	35	8-φ22	614	400	96
	6"	150	444	318	270	216	37	12-φ22	711	500	120
	8"	200	559	381	330	270	42	12-φ25	750	500	212
	10"	250	622	441	387.5	324	48	16-φ29	1012	500	460
12"	300	711	521	451	381	51	16-φ32	1231	600	615	

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

单位Unit:mm

产品型号 Type	NPS	DN	Class600Lb								WT (kg)
	in	mm	L	D	D ₁	D ₂	b	Z-φd	H	Do	
J41H-600Lb J41W-600LbP J41H-600LbP J41W-600LbR J41W-600LbL J41W-600LbRL	1/2"	15	165	95	66.5	35	22	4-φ15	285	160	6.0
	3/4"	20	190	117.5	82.5	43	23	4-φ19	285	160	10.0
	1"	25	216	124	89	51	25	4-φ19	313	160	12.0
	1 1/2"	40	241	156	114.5	73	30	4-φ22	365	240	19.0
	2"	50	292	165	127	92	33	8-φ19	444	240	35
	2 1/2"	65	330	190	149	105	36	8-φ22	483	240	50
	3"	80	356	210	168	127	39	8-φ22	533	280	60
	4"	100	432	273	216	157	45	8-φ25	622	360	110
	5"	125	508	330	267	186	52	8-φ29	750	360	200
	6"	150	559	356	292	216	55	12-φ29	800	500	230
	8"	200	600	419	349	270	63	12-φ32	927	550	410
	10"	250	787	508	432	324	71	16-φ35	1257	600	770
12"	300	838	559	489	381	74	20-φ35	1468	680	1140	

磅级截止阀系列 ANSI GLOBE VALVES



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

单位Unit:mm

产品型号 Type	公称通径 DN	PN16.0MPa										WT (kg)
		L	do	D	D ₁	b	Z-φd	H	H ₁	W	Do	
J44Y-160 LJ44Y-160	10	90	10	95	60	20	3-φ18	202	212	250	-	10.3
	15	105	14	95	60	20	3-φ18	202	218	250	-	11.3
	20	120	20	105	68	20	3-φ18	232	245	350	-	15.8
	25	135	26	115	80	22	4-φ18	235	250	350	-	19.7
	40	165	39	165	115	26	6-φ26	255	270	500	-	50
	50	190	48	165	115	32	6-φ26	300	325	650	-	73.4
	65	215	55	200	145	40	6-φ29	435	480	650	560	96
	80	260	70	225	170	50	6-φ33	478	525	800	560	147

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

单位Unit:mm

产品型号 Type	公称通径 DN	PN32.0MPa										WT (kg)
		L	do	D	D ₁	b	Z-φd	H	H ₁	W	Do	
J44Y-320 LJ44Y-320	10	90	10	95	60	60	3-φ18	202	212	250	-	10.3
	15	105	15	105	68	68	3-φ18	202	218	250	-	12
	20	120	20	115	80	80	4-φ18	232	245	350	-	16.6
	25	135	27	135	95	95	4-φ22	235	250	350	-	21
	40	165	40	165	115	115	6-φ26	255	270	500	-	51.4
	50	190	48	200	145	145	6-φ29	300	325	650	-	79.1
	65	215	55	225	170	170	6-φ33	435	480	650	560	126
	80	260	70	260	195	195	6-φ36	478	525	800	560	237

主要特点

- ※流线型, 明杆带支架
- ※中法兰螺栓连接
- ※活套连接阀瓣
- ※升降阀杆与手轮
- ※支架与阀盖一体式
- ※伞齿轮操作选配
- ※标准法兰连接

CHIDF FEATURES

- ※STREAMLINE, OUTSIDE SCREW AND YODE
- ※BOLTED BONNET
- ※LOOSE DISC
- ※RISING STEM AND HANDWHEEL
- ※YOKE INTEGRAL WITH BONNET
- ※AVAILABLE WITH GEAR OPERATOR
- ※BUTT-WELDING ENDS

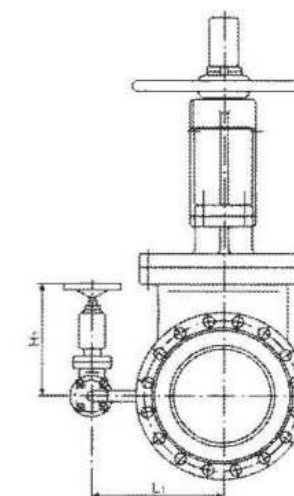
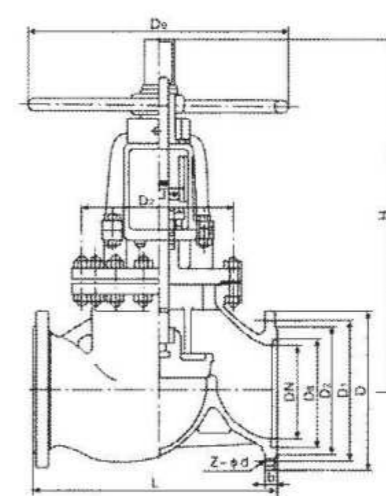
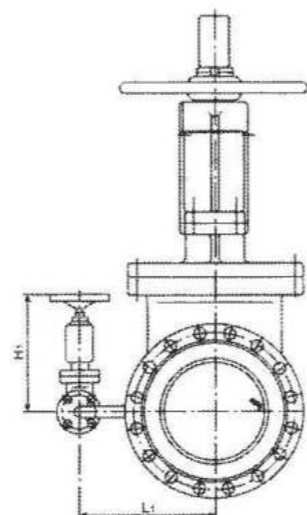
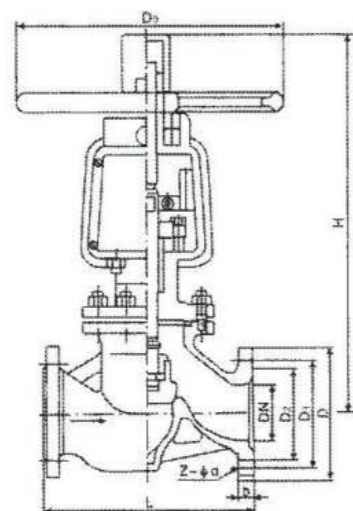


产品规范 Product Specification

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	压力-温度 Pressure-Temp	产品标识 Marking	供货规范 Supply
	API600	ANSI B16.10	ANSI B16.5	API598	ANSIB16.34	MSS SP-25	API600
	BS5160						BS5160

主要零部件材料 Main Part Material

零件名称 Part name	零部件材料 Part Material			
阀体、阀盖 Body, Bonnet	A216-WCB	A217-WC6	A352-LCB	A351-CF8
阀杆 Stem	A105	A182-F11	A182-F304	A182-F316
密封圈 Seal Ring	A182-F6a	A182-F11	A182-F6a	A182-F316
填料 Packing	柔性石墨/Flexible Graphite			聚四氟乙烯/PTFE
垫片 Gasket	18-8柔性石墨/18-8Flexible Graphite			
螺栓 Bolt	A193-B7	A193-B7	A193-B7M	A193-B8
适用温度 Suitable Temp.	-29-425℃		-29-550℃	
适用介质 Suitable Medium	水、油品、蒸汽 Water, oil, steam		蒸汽、油品 steam, oil	
			丙烷、乙烯 Steam, oil	
			硝酸类 Nitric Acid	



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

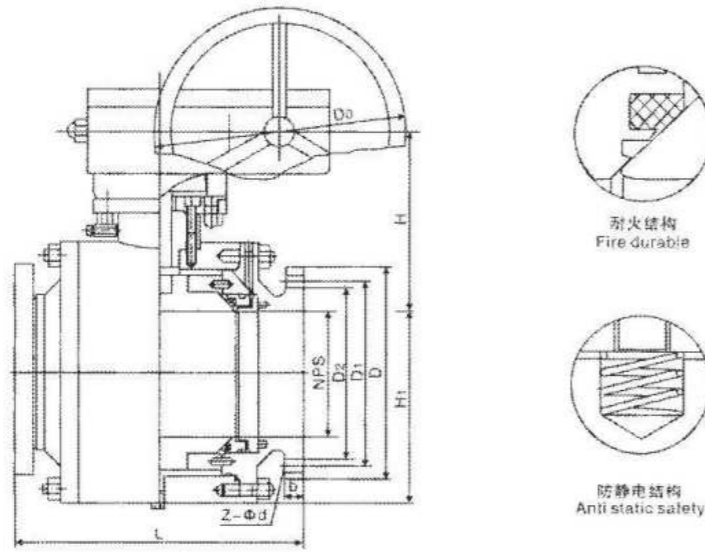
单位Unit:mm

产品型号 Type	公称通径 DN	P2.5MPa										WT (kg)
		L	D	D ₁	D ₂	b	Z-φd	H	H ₁	L ₁	D ₀	
YJ41W-25P YJ41W-25T	15	130	95	65	45	16	4-φ14	190	-	-	100	5
	20	150	105	75	55	16	4-φ14	213	-	-	100	6.5
	25	160	115	85	65	16	4-φ18	236	-	-	125	7
	32	190	135	100	78	18	4-φ18	312	-	-	180	13.5
	40	200	145	110	85	18	4-φ18	328	-	-	160	16
	50	230	160	125	100	20	8-φ18	450	-	-	320	32
	65	290	180	145	120	22	8-φ18	530	-	-	360	46
	80	310	195	160	135	22	8-φ18	560	-	-	400	60
	100	350	230	190	160	24	8-φ23	618	-	-	450	80
	125	400	270	220	188	28	8-φ25	675	-	-	450	107
	150	480	300	250	218	30	8-φ25	743	-	-	560	134
	200	600	360	310	278	34	12-φ25	850	-	-	640	268.7
250	650	425	370	332	36	12-φ30	975	340	380	720	449	
300	750	485	430	390	40	16-φ30	1115	340	415	800	663	
400	950	610	550	505	48	16-φ34	1380	340	465	900	1170	

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

单位Unit:mm

产品型号 Type	公称通径 DN	PN4.0MPa										WT (kg)
		L	D	D ₁	D ₂	b	Z-φd	H	H ₁	L ₁	D ₀	
YJ41W-40P YJ41W-40T	15	130	95	65	45	16	4-φ14	202	-	-	100	5
	20	150	105	75	55	16	4-φ14	225	-	-	100	6.5
	25	160	115	85	65	16	4-φ14	236	-	-	125	7
	32	190	135	100	78	18	4-φ18	312	-	-	180	13.5
	40	200	145	110	85	18	4-φ18	328	-	-	160	16
	50	230	160	125	100	20	4-φ18	450	-	-	320	32
	65	290	180	145	120	22	8-φ18	530	-	-	360	45
	80	310	195	160	135	22	8-φ18	560	-	-	400	60
	100	350	230	190	160	24	8-φ23	618	-	-	450	80
	125	400	270	220	188	28	8-φ25	675	-	-	450	105
	150	480	300	250	218	30	8-φ25	743	-	-	560	134
	200	600	375	320	282	38	12-φ30	850	-	-	640	266
250	650	445	385	345	42	12-φ34	975	340	380	720	491	
300	750	510	450	408	46	16-φ34	1115	340	415	800	705	
400	950	655	585	535	58	16-φ41	1425	340	465	900	1234	



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

单位Unit:mm

产品型号 Type	NPS	DN	Class150Lb									WT (kg)
	in	mm	L	D	D ₁	D ₂	b	Z-φd	H	H ₁	Do	
CQ47F-150Lb CQ47F-150LbP CQ347F-150Lb CQ347F-150LbP CQ647F-150Lb CQ647F-150LbP CQ9B47F-150Lb CQ9B47F-150LbP	2"	50	178	152	120.6	92.1	19.1	4-φ19	160	85	-	28
	2 1/2"	65	191	178	139.7	104.8	22.3	4-φ19	170	95	-	32
	3"	80	203	190	152.4	127	23.9	4-φ19	200	110	-	44
	4"	100	229	229	190.5	157.2	23.9	8-φ19	210	120	-	86
	5"	125	356	229	215.9	185.7	23.9	8-φ22.2	350	175	-	155
	6"	150	394	279	241.3	215.9	25.4	8-φ22.2	530	190	-	203
	8"	200	457	343	298.4	269.9	28.5	8-φ22.2	575	230	600	273
	10"	250	533	406	362	323.8	30.2	12-φ25.4	585	260	600	450
	12"	300	610	483	431.8	381	31.8	12-φ25.4	730	300	600	583
	14"	350	686	533	476.2	412.8	35	12-φ28.5	860	350	800	750
16"	400	762	597	539.8	469.9	36.6	16-φ28.5	935	395	800	1190	
18"	450	864	635	577	533.4	39.7	16-φ31.8	975	440	800	2100	
20"	500	914	689	635	584.2	42.9	20-φ31.8	1060	480	800	3100	
24"	600	1067	813	749.3	692.2	47.7	20-φ35	1170	519	800	3980	

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

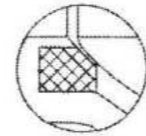
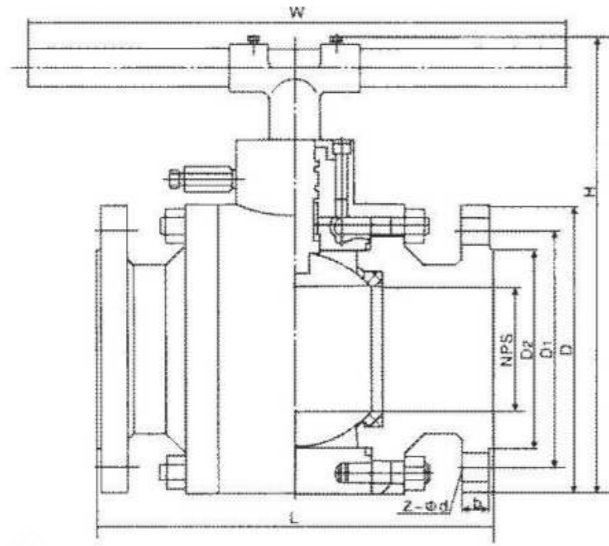
单位Unit:mm

产品型号 Type	NPS	DN	Class300Lb									WT (kg)
	in	mm	L	D	D ₁	D ₂	b	Z-φd	H	H ₁	Do	
CQ47F-300Lb CQ47F-300LbP CQ347F-300Lb CQ347F-300LbP CQ647F-300Lb CQ647F-300LbP CQ9B47F-300Lb CQ9B47F-300LbP	2"	50	216	165	127	92.1	22.4	8-φ22.2	160	85	-	30
	2 1/2"	65	241	190	149.2	104.8	25.4	8-φ22.2	170	95	-	40
	3"	80	283	210	168.3	127	28.4	8-φ22.2	200	110	-	52
	4"	100	305	254	200	157.2	31.8	8-φ22.2	210	120	-	97
	5"	125	381	279	235	185.7	35	12-φ22.25	350	175	-	158
	6"	150	403	318	269.9	215.9	36.6	12-φ22.2	530	190	-	204
	8"	200	502	381	330.2	269.9	41.1	12-φ25.4	575	230	600	322
	10"	250	568	444	387.4	323.8	47.6	16-φ28.5	585	260	600	535
	12"	300	648	521	450.8	381	50.8	16-φ31.8	730	300	600	775
	14"	350	762	584	514.4	412.8	53.8	20-φ31.6	860	350	800	1210
16"	400	838	648	571.5	469.8	57.2	20-φ35	935	395	800	2300	
18"	450	914	713	628.6	533.4	60.5	24-φ35	975	440	800	3400	
20"	500	991	775	685.8	584.2	63.5	24-φ35	1060	480	800	4208	
24"	600	1143	914	812.8	692.2	69.9	24-φ41.1	1170	591	800	5080	

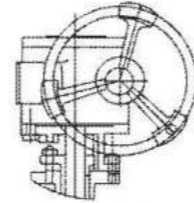
主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	NPS	DN	Class600Lb									WT (kg)
	in	mm	L	D	D ₁	D ₂	b	Z-φd	H	H ₁	Do	
CQ47F-600Lb CQ47F-600LbP CQ347F-600Lb CQ347F-600LbP CQ647F-600Lb CQ647F-600LbP CQ9B47F-600Lb CQ9B47F-600LbP	2"	50	292	165	127	92.1	25.4	8-φ19	160	85	-	45
	2 1/2"	65	330	190	149.2	104.8	28.4	8-φ22.2	170	95	-	68
	3"	80	356	210	168.3	127	31.85	8-φ22.2	200	110	600	153
	4"	100	432	273	215.9	157.2	38.14	8-φ25.4	210	120	600	267
	5"	125	508	330	266.7	185.7	44.5	8-φ28.5	350	175	600	330
	6"	150	559	356	292.1	215.9	47.8	12-φ28.5	530	190	600	521
	8"	200	660	419	349.2	269.9	55.6	12-φ31.8	575	230	800	773
	10"	250	787	508	431.8	323.8	63.5	16-φ35	585	260	800	1072
	12"	300	838	559	489	381	66.5	20-φ35	730	300	800	1880
	14"	350	889	603	527	412.8	69.9	20-φ38.1	860	350	800	2650
16"	400	991	686	603.2	469.8	76.2	20-φ41.1	935	395	800	3677	
18"	450	1092	743	654	533.4	82.6	24-φ44.5	975	440	800	4500	
20"	500	1194	813	723.9	584.2	88.9	24-φ44.5	1060	480	800	5305	
24"	600	1397	940	838.2	692.2	101.6	24-φ50.8	1170	591	800	5980	



防火结构
Fire durable



蜗轮传动
Worm gear operation

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

单位Unit:mm

产品型号 Type	NPS in	DN mm	Class150Lb								WT (kg)
			L	D	D ₁	D ₂	b	Z-φd	H	W	
CQ41F-150Lb CQ41F-150LbP	1/2"	15	108	89	60.3	34.9	11.2	4-φ15.8	59	130	2.3
	3/4"	20	117	98	69.8	42.9	12.7	4-φ15.8	63	130	3.0
CQ341F-150Lb CQ341F-150LbP	1	25	127	108	79.4	50.8	14.3	4-φ15.8	75	160	4.5
	1 1/4"	32	140	117	88.9	63.5	15.7	4-φ15.8	95	160	7.0
CQ641F-150Lb CQ641F-150LbP	1 1/2"	40	165	127	98.4	73	17.5	4-φ15.8	107	160	9.5
	2"	50	178	152	120.6	92.1	19.1	4-φ19	155	200	28
CQ9B41F-150Lb CQ9B41F-150LbP	2 1/2"	65	191	178	139.7	104.8	22.36	4-φ19	164	200	39
	3"	80	203	190	152.4	127	23.9	4-φ19	182	200	50
CQ41F-600Lb CQ41F-600LbP	4"	100	229	229	190.5	157.2	23.9	8-φ19	226	300	70
	5"	125	355	229	215.9	185.7	23.9	8-φ22.2	230	300	150
CQ341F-600Lb CQ341F-600LbP	6"	150	394	279	241.3	215.9	25.4	8-φ22.2	250	500	210
	8"	200	457	343	298.4	269.9	28.5	8-φ22.2	280	500	280
CQ641F-600Lb CQ641F-600LbP	10"	250	533	406	362	323.8	30.2	12-φ25.4	320	600	400

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

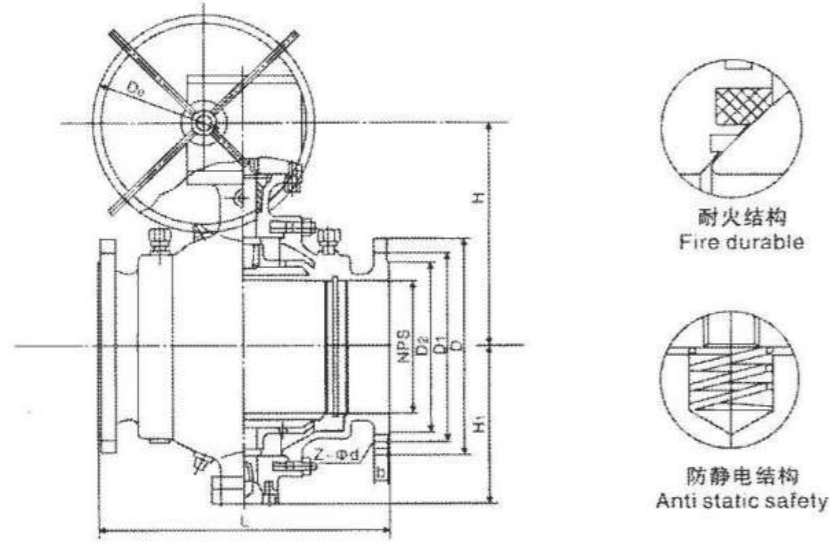
单位Unit:mm

产品型号 Type	NPS in	DN mm	Class300Lb								WT (kg)
			L	D	D ₁	D ₂	b	Z-φd	H	W	
CQ41F-300Lb CQ41F-300LbP	1/2"	15	140	95	66.7	34.9	14.2	4-φ15.8	59	130	2.3
	3/4"	20	152	117	82.6	42.9	15.7	4-φ19	63	130	3.0
CQ341F-300Lb CQ341F-300LbP	1	25	165	124	88.9	50.8	17.5	4-φ19	75	160	4.5
	1 1/4"	32	178	133	98.4	63.5	19	4-φ19	95	160	7.0
CQ641F-300Lb CQ641F-300LbP	1 1/2"	40	190	156	114.3	73	20.6	8-φ19	107	160	9.5
	2"	50	216	165	127	92.1	22.4	8-φ22.2	155	200	28
CQ9B41F-300Lb CQ9B41F-300LbP	2 1/2"	65	241	190	149.2	104.8	25.4	8-φ22.2	164	200	39
	3"	80	283	210	168.3	127	28.4	8-φ22.2	182	200	50
CQ41F-600Lb CQ41F-600LbP	4"	100	305	254	200	157.2	31.8	8-φ22.2	226	300	70
	5"	125	381	279	235	185.7	35	12-φ22.2	230	300	150
CQ341F-600Lb CQ341F-600LbP	6"	150	403	318	269.9	215.9	36.6	12-φ22.2	250	500	210
	8"	200	502	381	330.2	269.9	41.1	12-φ25.4	280	500	280
CQ641F-600Lb CQ641F-600LbP	10"	250	568	444	387.4	323.8	47.6	16-φ28.5	320	600	400

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

单位Unit:mm

产品型号 Type	NPS in	DN mm	Class600Lb								WT (kg)
			L	D	D ₁	D ₂	b	Z-φd	H	W	
CQ41F-600Lb CQ41F-600LbP	1/2"	15	165	95	66.7	34.9	14.2	4-φ15.8	59	130	7.5
	3/4"	20	190	117	82.6	42.9	15.7	4-φ19	63	130	10.5
CQ341F-600Lb CQ341F-600LbP	1	25	216	124	88.9	50.8	17.5	4-φ19	75	160	14.5
	1 1/4"	32	229	133	98.4	63.5	20.6	4-φ19	95	160	18.5
CQ641F-600Lb CQ641F-600LbP	1 1/2"	40	241	156	114.3	73	22.4	4-φ22.2	107	200	25
	2"	50	292	165	127	92.1	25.4	8-φ19	162	200	30
CQ9B41F-600Lb CQ9B41F-600LbP	2 1/2"	65	330	190	149.2	104.8	28.4	8-φ22.2	205	300	45
	3"	80	356	210	168.3	127	31.8	8-φ22.2	226	300	60
CQ41F-600Lb CQ41F-600LbP	4"	100	632	273	215.9	157.2	38.1	8-φ25.4	240	500	115
	5"	125	508	330	266.7	185.7	44.5	8-φ28.5	305	500	200
CQ341F-600Lb CQ341F-600LbP	6"	150	559	356	292.1	215.9	47.8	12-φ28.5	353	600	250
	8"	200	660	419	349.2	269.9	55.6	12-φ31.8	460	600	330
CQ641F-600Lb CQ641F-600LbP	10"	250	787	508	431.8	323.8	63.5	16-φ35	550	800	480



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

单位Unit:mm

产品型号 Type	NPS	DN	Class150Lb									WT (kg)
	in	mm	L	D	D ₁	D ₂	b	Z-φd	H	H ₁	Do	
Q47F-150Lb Q47F-150LbP Q347F-150Lb Q347F-150LbP Q647F-150Lb Q647F-150LbP Q9B47F-150Lb Q9B47F-150LbP	2"	50	178	152	120.6	92.1	19.1	4-φ19	177	120	-	15
	2 1/2"	65	191	178	139.7	104.8	22.3	4-φ19	190	140	-	19
	3"	80	203	190	152.4	127	23.9	4-φ19	210	150	-	27
	4"	100	229	229	190.5	157.2	23.9	8-φ19	235	172	-	38
	5"	125	356	229	215.9	185.7	23.9	8-φ22.2	350	195	-	58
	6"	150	394	279	241.3	215.9	25.4	8-φ22.2	530	250	-	81
	8"	200	457	343	298.4	269.9	28.5	8-φ22.2	620	290	600	140
	10"	250	533	406	362	323.8	30.2	12-φ25.4	650	320	600	160
	12"	300	610	483	431.8	381	31.8	12-φ25.4	780	360	600	205
	14"	350	686	533	476.2	412.8	35	12-φ28.5	790	395	800	260
16"	400	762	597	539.8	469.9	36.6	16-φ28.5	920	435	800	390	
18"	450	864	635	577	533.4	39.7	16-φ31.8	970	490	800	510	
20"	500	914	689	635	584.2	42.9	20-φ31.8	1100	530	800	750	
24"	600	1067	813	749.3	692.2	47.7	20-φ35	1150	590	800	1200	

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

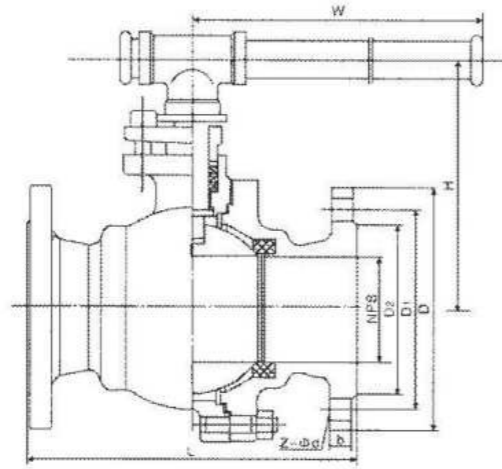
单位Unit:mm

产品型号 Type	NPS	DN	Class300Lb									WT (kg)
	in	mm	L	D	D ₁	D ₂	b	Z-φd	H	H ₁	Do	
Q47F-300Lb Q47F-300LbP Q347F-300Lb Q347F-300LbP Q647F-300Lb Q647F-300LbP Q9B47F-300Lb Q9B47F-300LbP	2"	50	216	165	127	92.1	22.4	8-φ22.2	177	120	-	20
	2 1/2"	65	241	190	149.2	104.8	25.4	8-φ22.2	190	140	-	25
	3"	80	283	210	168.3	127	28.4	8-φ22.2	210	150	-	30
	4"	100	305	254	200	157.2	31.8	8-φ22.2	235	172	-	40
	5"	125	381	279	235	185.7	35	12-φ22.25	350	195	-	65
	6"	150	403	318	269.9	215.9	36.6	12-φ22.2	530	250	-	85
	8"	200	502	381	330.2	269.9	41.1	12-φ25.4	620	290	600	100
	10"	250	568	444	387.4	323.8	47.6	16-φ28.5	650	320	600	182
	12"	300	648	521	450.8	381	50.8	16-φ31.8	780	360	600	212
	14"	350	762	584	514.4	412.8	53.8	20-φ31.6	790	395	800	288
16"	400	838	648	571.5	469.8	57.2	20-φ35	920	435	800	468	
18"	450	914	713	628.6	533.4	60.5	24-φ35	970	490	800	587	
20"	500	991	775	685.8	584.2	63.5	24-φ35	1100	530	800	863	
24"	600	1143	914	812.8	692.2	69.9	24-φ41.1	1150	590	800	1396	

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

单位Unit:mm

产品型号 Type	NPS	DN	Class600Lb									WT (kg)
	in	mm	L	D	D ₁	D ₂	b	Z-φd	H	H ₁	Do	
Q47F-600Lb Q47F-600LbP Q347F-600Lb Q347F-600LbP Q647F-600Lb Q647F-600LbP Q9B47F-600Lb Q9B47F-600LbP	2"	50	292	165	127	92.1	25.4	8-φ19	177	120	-	26
	2 1/2"	65	330	190	149.2	104.8	28.4	8-φ22.2	190	140	-	36
	3"	80	356	210	168.3	127	31.85	8-φ22.2	210	150	-	56
	4"	100	432	273	215.9	157.2	38.14	8-φ25.4	235	172	-	81
	5"	125	508	330	266.7	185.7	44.5	8-φ28.5	350	195	-	120
	6"	150	559	356	292.1	215.9	47.8	12-φ28.5	530	250	-	142
	8"	200	660	419	349.2	269.9	55.6	12-φ31.8	620	290	600	287
	10"	250	787	508	431.8	323.8	63.5	16-φ35	650	320	600	540
	12"	300	838	559	489	381	66.5	20-φ35	780	360	600	780
	14"	350	889	603	527	412.8	69.9	20-φ38.1	790	395	800	1000
16"	400	991	686	603.2	469.8	76.2	20-φ41.1	920	435	800	1300	
18"	450	1092	743	654	533.4	82.6	24-φ44.5	970	490	800	1700	
20"	500	1194	813	723.9	584.2	88.9	24-φ44.5	1100	530	800	2100	
24"	600	1397	940	838.2	692.2	101.6	24-φ50.8	1150	590	800	3400	



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

单位Unit:mm

产品型号 Type	NPS	DN	Class150Lb								WT (kg)
	in	mm	L	D	D ₁	D ₂	b	Z-φd	H	W	
Q41F-150Lb Q41F-150LbP	1/2"	15	108	89	60.3	34.9	11.2	4-φ15.8	55	130	2.3
	3/4"	20	117	98	39.8	42.9	12.7	4-φ15.8	55	130	3.0
Q341F-150Lb Q341F-150LbP	1	25	127	108	79.4	50.8	14.3	4-φ15.8	70	160	4.5
	1 1/4"	32	140	117	88.9	63.5	15.7	4-φ15.8	75	160	5.5
Q641F-150Lb Q641F-150LbP	1 1/2"	40	165	127	98.4	73	17.5	4-φ15.8	90	200	7.0
	2"	50	178	152	120.6	92.1	19.1	4-φ19	104	350	9.5
Q9B41F-150Lb Q9B41F-150LbP	2 1/2"	65	191	178	139.7	104.8	22.3	4-φ19	153	400	15.0
	3"	80	203	190	152.4	127	23.9	4-φ19	187	500	19
	4"	100	229	229	190.5	157.2	23.9	8-φ19	206	500	33
	5"	125	355	229	215.9	185.7	23.9	8-φ22.2	244	600	58
	6"	150	394	279	241.3	215.9	25.4	8-φ22.2	252	600	93
	8"	200	457	343	298.4	269.9	28.5	8-φ22.2	283	800	160
	10"	250	533	406	362	323.8	30.2	12-φ25.4	345	800	200

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

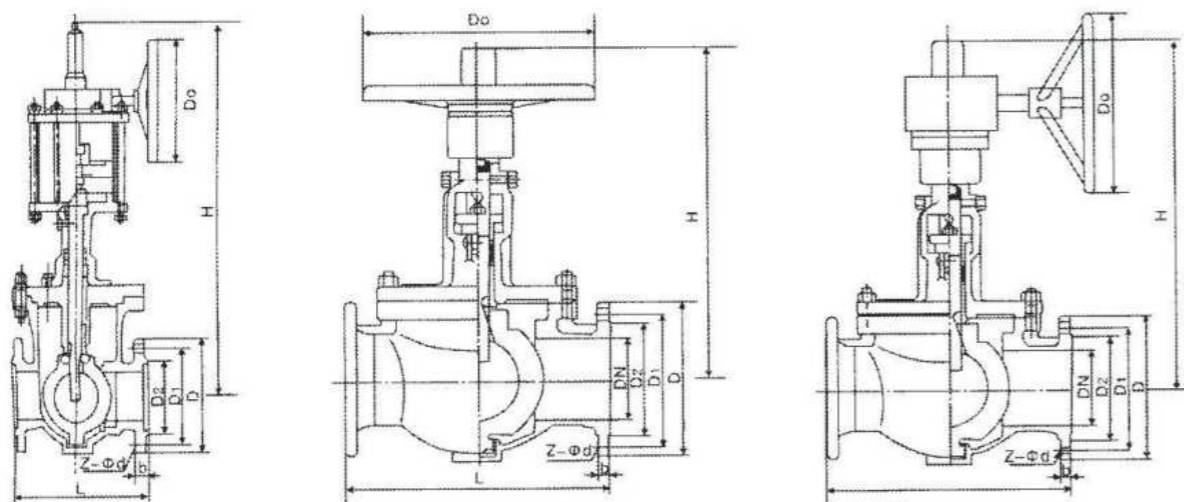
单位Unit:mm

产品型号 Type	NPS	DN	Class300Lb								WT (kg)
	in	mm	L	D	D ₁	D ₂	b	Z-φd	H	W	
Q41F-300Lb Q41F-300LbP	1/2"	15	140	95	66.7	34.9	14.2	4-φ15.8	55	130	2.5
	3/4"	20	152	117	82.6	42.9	15.7	4-φ19	55	130	3.5
Q341F-300Lb Q341F-300LbP	1	25	165	124	88.9	50.8	17.5	4-φ19	70	160	5.5
	1 1/4"	32	178	133	98.4	63.5	19	4-φ19	75	160	8.0
Q641F-300Lb Q641F-300LbP	1 1/2"	40	190	156	114.3	73	20.6	8-φ19	90	200	10.5
	2"	50	216	165	127	92.1	22.4	8-φ22.2	104	350	14.5
Q9B41F-300Lb Q9B41F-300LbP	2 1/2"	65	241	190	149.2	104.8	25.4	8-φ22.2	153	400	23.5
	3"	80	283	210	168.3	127	28.4	8-φ22.2	187	500	30
	4"	100	305	254	200	157.2	31.8	8-φ22.2	206	500	55
	5"	125	381	279	235	185.7	35	12-φ22.2	244	600	81
	6"	150	403	318	269.9	215.9	36.6	12-φ22.2	252	600	118
	8"	200	502	381	330.2	269.9	41.1	12-φ25.4	283	800	200
	10"	250	568	444	387.4	323.8	47.6	16-φ28.5	345	800	250

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

单位Unit:mm

产品型号 Type	NPS	DN	Class600Lb								WT (kg)
	in	mm	L	D	D ₁	D ₂	b	Z-φd	H	W	
Q41F-600Lb Q41F-600LbP	1/2"	15	165	95	66.7	34.9	14.2	4-φ15.8	70	-	3.8
	3/4"	20	190	117	82.6	42.9	15.7	4-φ19	70	-	5.1
Q341F-600Lb Q341F-600LbP	1	25	216	124	88.9	50.8	17.5	4-φ19	75	-	7.2
	1 1/4"	32	229	133	98.4	63.5	19	4-φ19	80	-	10.5
Q641F-600Lb Q641F-600LbP	1 1/2"	40	241	156	114.3	73	20.6	4-φ22.2	98	-	17.6
	2"	50	292	165	127	92.1	22.4	8-φ19	155	400	20
Q9B41F-600Lb Q9B41F-600LbP	2 1/2"	65	330	190	149.2	104.8	25.4	8-φ22.2	205	400	32
	3"	80	356	210	168.3	127	28.4	8-φ22.2	238	600	41
	4"	100	632	273	215.9	157.2	31.8	8-φ25.4	276	600	70
	5"	125	508	330	266.7	185.7	35	8-φ28.5	305	600	110
	6"	150	559	356	292.1	215.9	36.6	12-φ28.5	322	800	150
	8"	200	660	419	349.2	269.9	41.1	12-φ31.8	356	800	200
	10"	250	787	508	431.8	323.8	47.6	16-φ35	400	800	280



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

单位Unit:mm

产品型号 Type	公称通径 DN	PN1.6MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-φd	H	Do	
GQ47H-16C GQ47Y-16P	50	216	165	125	100	16	4-φ18	380	200	38
	65	290	185	145	120	18	4-φ18	360	300	52
	80	310	200	160	135	20	8-φ18	400	300	84
GQ547H-16C GQ547Y-16P	100	350	220	180	155	20	8-φ18	508	300	98
	150	480	285	240	210	24	8-φ23	690	400	164
	200	600	340	295	265	26	12-φ23	780	500	260
GQ6S47H-16C GQ6S47Y-16P	250	730	405	355	320	30	12-φ26	990	600	358
	300	850	460	410	375	30	12-φ26	1180	600	460
	350	980	520	470	435	34	16-φ26	1250	650	641
GQ9B47H-16C GQ9B47Y-16P	400	1100	580	525	485	36	16-φ30	1560	650	948
	450	1200	640	585	545	40	20-φ30	1630	700	1276
	500	1250	715	650	608	44	20-φ34	1700	700	1587
	600	1450	840	770	718	48	20-φ36	1880	800	1863

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

单位Unit:mm

产品型号 Type	公称通径 DN	PN2.5MPa								WT (kg)	
		L	D	D ₁	D ₂	D ₆	b	Z-φd	H		Do
GQ47H-25C GQ47Y-25P	50	216	165	125	100	88	20	4-φ18	380	200	42
	65	290	185	145	120	110	22	8-φ18	360	300	58
	80	310	200	160	135	121	22	8-φ18	400	300	94
GQ547H-25C GQ547Y-25P	100	350	235	190	160	150	24	8-φ23	508	300	109
	150	480	300	250	218	204	30	8-φ26	690	400	175
	200	600	375	320	282	260	38	12-φ23	780	500	285
GQ6S47H-25C GQ6S47Y-25P	250	730	450	358	345	313	42	12-φ30	990	600	378
	300	850	515	450	408	364	46	12-φ34	1180	600	496
	350	980	580	510	465	422	52	16-φ34	1250	650	657
GQ9B47H-25C GQ9B47Y-25P	400	1100	660	585	535	474	58	16-φ36	1560	650	984
	450	1200	685	610	560	524	60	20-φ41	1630	700	1306
	500	1250	755	670	612	576	62	20-φ42	1700	700	1601
	600	1450	890	795	730	676	62	20-φ48	1880	800	1912

主要特点

- ※全通径, 浮动/固定球
- ※中法兰螺栓连接
- ※防冲出阀杆
- ※防火防静电结构
- ※美标结构改进型
- ※启闭定位机构
- ※蜗轮操作选配
- ※标准法兰连接

CHIEF FEATURES

- ※FULL PORT, FLOATING OR TRUNNION MOUNT TYPE
- ※BOLTED BONNET
- ※BLOW OUT PROOF STEM
- ※FIRE DURABLE AND ANT STATIC SAFETY
- ※STRUCTURE IMPROVE ON API
- ※OPENING AND CLOSING POSITION
- ※AVAILABLE WITH WORMGEAR OPERATOR
- ※FLANGED ENDS

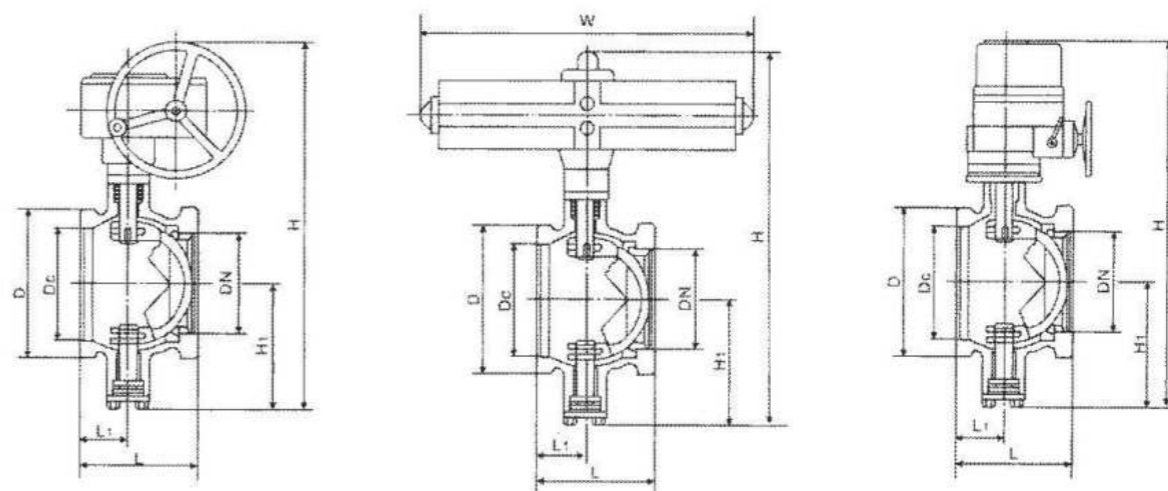
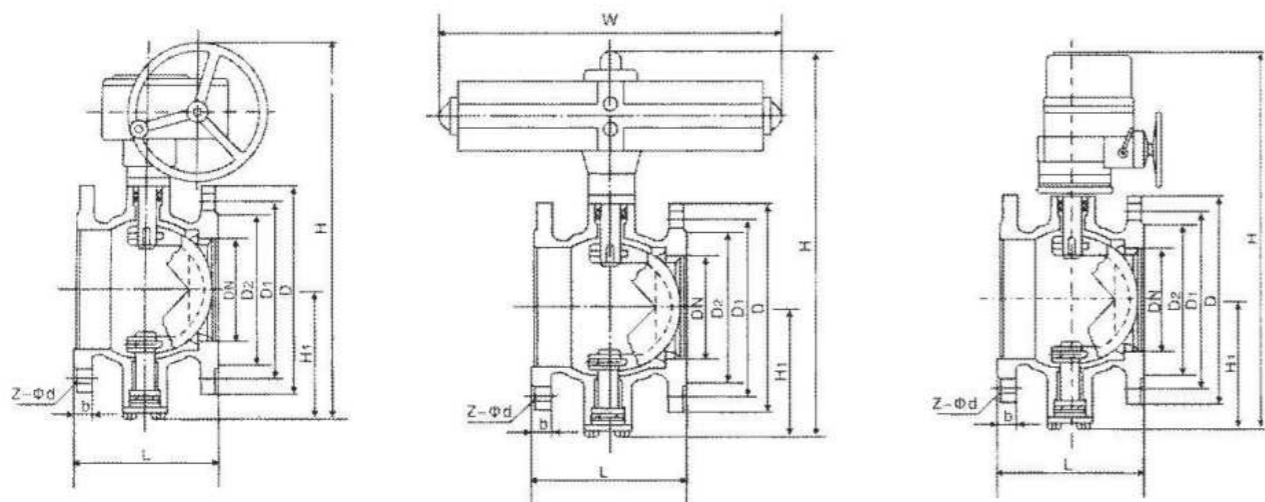


产品规范 Product Specification

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	API 598	MSS SP-25	API608	
	API6D		API6D	API6D	API6D	

主要零部件材料 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	A216-WCB	A105	A352-LCB	A351-LCB	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	A105			A182-F304	A182-F316	A182-F304L	A182-F316L
密封圈 Seal Ring	PTFE			E PTFE			
填料 Packing	聚四氟乙烯/PTFE+FPM						
垫片 Gasket	18-8柔性石墨/18-8Flexible Graphite+聚四氟乙烯/PTFE+FPM						
螺栓 Bolt	A193-B8			A193-B8M			
适用温度 Suitable Temp.	-29~121°C	-40~121°C		-40~121°C		-40~121°C	
适用介质 Suitable Medium	水、油品、天然气 Water, oil, gas			硝酸类 Nitric Acid		醋酸类 Acetic Acid	



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

单位Unit:mm

产品型号 Type	公称 口径 DN	L	D	D ₁	D ₂	b	PN1.6MPa		H			H ₁	W	WT(kg)		
							Z-φd	VQ347	VQ647	VQ947	VQ347			VQ647	VQ947	
VQ347H-16C VQ347Y-16P	50	124	165	125	100	16	4-φ18	225	248	365	92	400	11	13	16	
	65	145	185	145	120	18	4-φ18	235	255	375	100	400	13	15	18	
VQ647H-16C VQ647Y-16P	80	165	200	160	135	20	8-φ18	260	270	380	108	400	15	17	20	
	100	194	220	180	155	20	8-φ18	270	278	390	117	400	17	19	23	
VQ947H-16C VQ947Y-16P	125	210	250	210	185	22	8-φ18	320	335	405	140	455	22	25	28	
	150	229	285	240	210	22	8-φ23	340	358	420	177	455	30	36	40	
	200	243	340	295	265	24	12-φ23	390	405	510	200	700	60	68	75	
	250	297	405	355	320	26	12-φ26	420	449	540	252	700	90	100	110	
	300	338	460	410	375	28	12-φ26	510	550	605	270	700	180	205	207	

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

单位Unit:mm

产品型号 Type	公称 口径 DN	L	L ₁	D ₁	H			H ₁	W	WT(kg)		
					VQ347	VQ647	VQ947			VQ347	VQ647	VQ947
VQ347H-16C VQ347Y-16P	25	50	25	64	200	222	340	57	400	8	10	12
	40	60	25	82	205	228	350	63	400	9	11	14
VQ647H-16C VQ647Y-16P	50	75	32	100	225	248	365	92	400	10	12	15
	65	85	38	120	235	255	375	100	400	12	14	16
VQ947H-16C VQ947Y-16P	80	100	45	131	260	270	380	108	400	13	15	18
	100	115	50	158	270	278	390	117	400	15	17	21
	125	135	55	180	320	335	405	140	455	20	22	25
	150	160	65	216	340	358	425	177	455	28	33	36
	200	200	80	268	390	405	510	200	700	56	64	70
	250	240	92	326	420	449	540	252	700	84	94	102

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

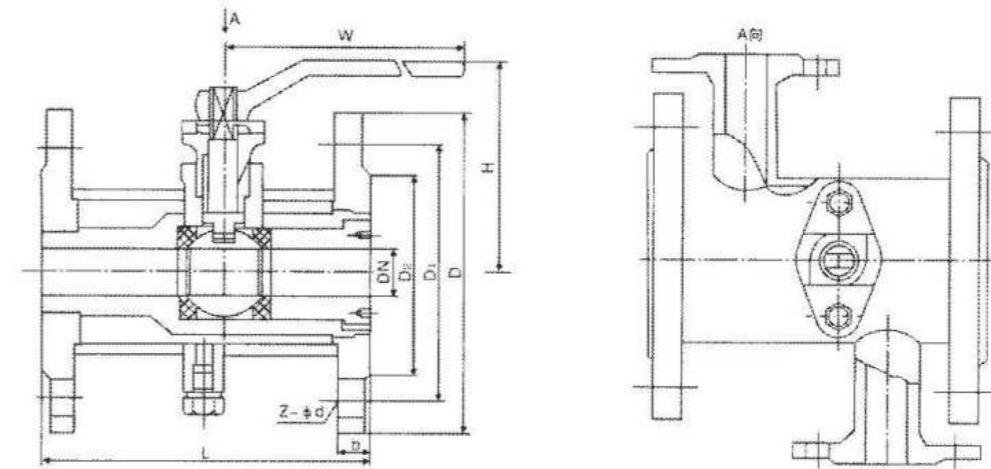
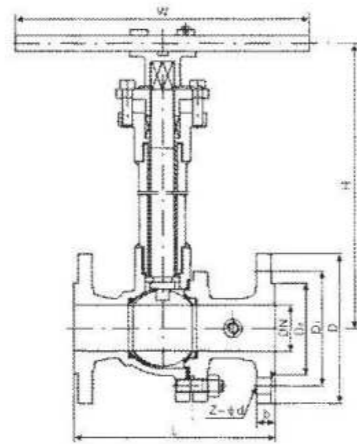
单位Unit:mm

产品型号 Type	公称 口径 DN	L	D	D ₁	D ₂	b	PN1.6MPa		H			H ₁	W	WT(kg)		
							Z-φd	VQ347	VQ647	VQ947	VQ347			VQ647	VQ947	
VQ347H-25 VQ347Y-25P	50	124	165	125	100	20	4-φ18	225	248	365	92	400	11	13	16	
	65	145	185	145	120	22	8-φ18	235	255	375	100	400	13	15	18	
VQ647H-25 VQ647Y-25P	80	165	200	160	135	22	8-φ18	260	270	380	108	400	15	17	20	
	100	194	230	190	160	24	8-φ23	270	278	390	117	400	18	22	25	
VQ947H-25C VQ947Y-25P	125	210	270	220	188	26	8-φ26	320	335	405	140	455	23	26	32	
	150	229	300	250	218	28	8-φ26	340	358	420	177	455	40	56	60	
	200	243	360	310	278	30	12-φ26	390	405	510	200	700	62	70	79	
	250	297	425	370	332	32	12-φ30	420	449	540	252	700	93	105	120	
	300	338	485	430	390	36	16-φ30	510	550	605	270	700	190	220	225	

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

单位Unit:mm

产品型号 Type	公称 口径 DN	L	L ₁	D ₁	H			H ₁	W	WT(kg)		
					VQ347	VQ647	VQ947			VQ347	VQ647	VQ947
VQ347H-25 VQ347Y-25P	25	50	25	64	200	222	340	57	400	8	10	12
	40	60	25	82	205	228	350	63	400	9	11	14
VQ647H-25 VQ647Y-25P	50	75	32	100	225	248	365	92	400	10	12	15
	65	85	38	120	235	255	375	100	400	12	14	16
VQ947H-25 VQ947Y-25P	80	100	45	131	260	270	380	108	400	14	15	17
	100	115	50	158	270	278	390	117	400	16	18	21
	125	135	55	180	320	335	405	140	455	21	22	28
	150	160	65	216	340	358	425	177	455	36	50	54
	200	200	80	268	390	405	510	200	700	28	63	73
	250	240	92	326	420	449	540	252	700	87	97	112



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

单位Unit:mm

产品型号 Type	公称通径 DN	PN1.6MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-φd	H	W	
DQ41F-16C DQ41F-16P	15	130	95	65	45	14	4-φ14	178	140	3
	20	140	105	75	55	14	4-φ14	184	160	4
	25	150	115	85	65	14	4-φ14	195	180	5
	32	165	135	100	78	16	4-φ18	280	250	9
	40	180	145	110	85	16	4-φ18	280	300	11
DQ641F-16C DQ641F-16P	50	203	160	125	100	16	4-φ18	300	350	15
	65	222	180	145	120	18	4-φ18	330	350	19
	80	241	195	160	135	20	8-φ18	360	400	27
DQ9B41F-16C DQ9B41F-16P	100	305	215	180	155	20	8-φ18	400	500	38
	125	356	245	210	185	22	8-φ18	430	600	58
	150	394	280	240	210	24	8-φ23	500	800	81
	200	457	335	295	265	26	12-φ23	680	800	95
	250	533	405	355	320	30	12-φ25	790	1300	140

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

单位Unit:mm

产品型号 Type	公称通径 DN	PN1.6MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-φd	H	W	
BQ41F-16C BQ41F-16P BQ41F-16R	15	108	95	65	45	14	4-φ14	95	160	2.5
	20	117	105	75	55	14	4-φ14	101	160	3
	25	127	115	85	65	14	4-φ14	106	160	5
	32	140	135	100	78	16	4-φ18	112	230	6
	40	165	145	110	85	16	4-φ18	125	230	7
BQ641F-16C BQ641F-16P BQ641F-16R	50	178	160	125	100	16	4-φ18	135	230	10
	65	191	180	145	120	18	4-φ18	170	400	16
	80	203	195	160	135	20	8-φ18	193	400	19
BQ941F-16C BQ941F-16P BQ941F-16R	100	229	215	180	155	20	8-φ18	265	700	33
	125	356	245	210	185	22	8-φ18	310	700	48
	150	394	280	240	210	24	8-φ23	355	1100	62
	200	457	335	295	265	26	12-φ23	410	1500	93
	250	533	405	355	320	30	12-φ25	560	1500	120

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

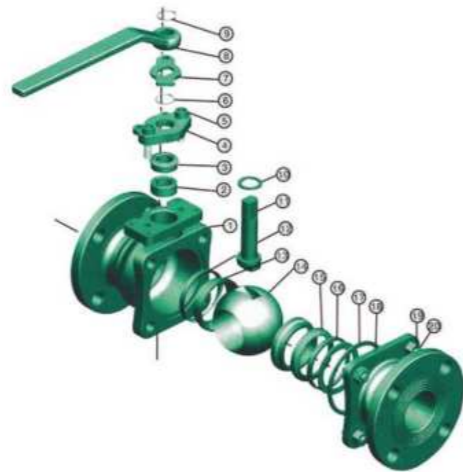
单位Unit:mm

产品型号 Type	公称通径 DN	PN2.5MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-φd	H	W	
DQ41F-25 DQ41F-25P	15	140	95	65	45	16	4-φ14	178	140	3
	20	152	105	75	55	16	4-φ14	184	160	4
	25	165	115	85	65	16	4-φ14	195	180	6
	32	178	135	100	78	18	4-φ18	280	250	10
	40	190	145	110	85	18	4-φ18	280	300	14
DQ641F-25 DQ641F-25P	50	216	160	125	100	20	4-φ18	300	350	20
	65	241	180	145	120	22	8-φ18	330	350	25
	80	283	195	160	135	22	8-φ18	360	400	30
DQ9B41F-25 DQ9B41F-25P	100	305	230	190	160	24	8-φ23	400	500	40
	125	381	270	220	188	28	8-φ25	430	600	65
	150	403	300	250	218	30	8-φ25	500	800	85
	200	502	360	310	278	34	12-φ25	680	800	100
	250	568	425	370	332	36	12-φ30	790	1300	165

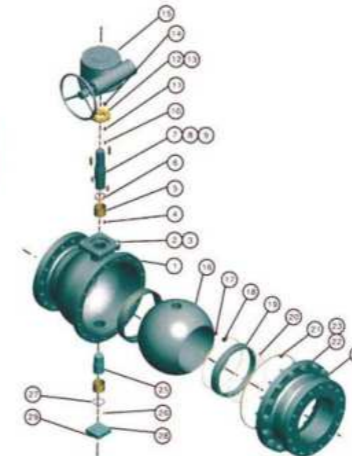
主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	公称通径 DN	PN2.5MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-φd	H	W	
BQ41F-25 BQ41F-25P BQ41F-25R	15	140	95	65	45	16	4-φ14	95	160	3
	20	152	105	75	55	16	4-φ14	101	160	4
	25	165	115	85	65	16	4-φ14	106	160	6
	32	178	135	100	78	18	4-φ18	112	230	7
	40	190	145	110	85	18	4-φ18	125	230	8
BQ641F-25 BQ641F-25P BQ641F-25R	50	216	160	125	100	20	4-φ18	135	230	11
	65	241	180	145	120	22	8-φ18	170	400	18
	80	283	195	160	135	22	8-φ18	193	400	23
BQ941F-25 BQ941F-25P BQ941F-25R	100	305	230	190	160	24	8-φ23	265	700	40
	125	381	270	220	188	28	8-φ25	310	700	70
	150	403	300	250	218	30	8-φ25	355	1100	102
	200	502	360	310	278	34	12-φ25	410	1500	150
	250	568	425	370	332	36	12-φ30	560	1500	182



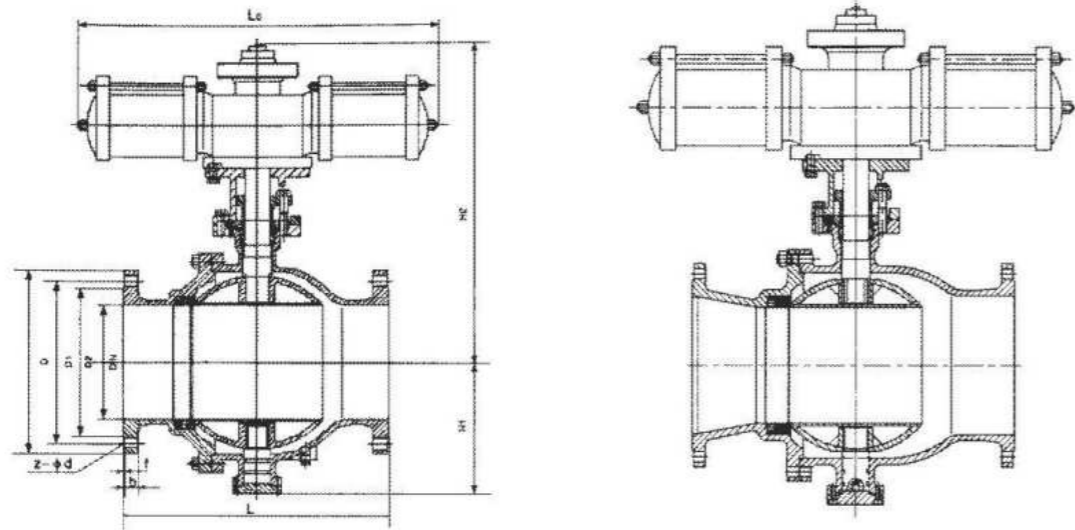
- 1、阀体 the valve body
- 2、填料 packing
- 3、填料压套 gland
- 4、填料压板 the valve packing plate
- 5、螺钉 the bolt
- 6、挡圈 the elastic ring
- 7、定位片 the localization piece
- 8、扳手 easing lever
- 9、挡圈 the elastic ring
- 10、上密封垫 the back seat gasket
- 11、阀杆 the valve stem
- 12、阀座密封垫 the valve seatgasket
- 13、阀座 the valve seat
- 14、球体 the spheroid
- 15、压圈 the pressure washer
- 16、碟簧 dish spring
- 17、垫片 gasket
- 18、阀盖 valve cover
- 19、螺柱 stud
- 20、螺母 nut



- 1、阀体 the valve body
- 2、螺柱 the stud
- 3、螺母 the nut
- 4、o型圈 the Oring
- 5、轴套 the axle sleeve
- 6、隔圈 washers
- 7、阀杆 the valve stem
- 8、键 the key
- 9、键 the key
- 10、o型圈 the Oring
- 11、垫片 the gasket
- 12、压盖 the gland
- 13、螺钉 the bolt
- 14、o型圈 the Oring
- 15、蜗轮蜗杆传动装置 the worm gear wormdrive device
- 16、球体 the spheroid
- 17、密封圈 the seal circle
- 18、弹簧 the spring
- 19、阀座 the valve seat
- 20、o型圈 the Oring
- 21、垫片 the gasket
- 22、螺柱 the stud
- 23、螺母 the nut
- 24、阀盖 the valve cover
- 25、下轴 the lower shaft
- 26、o型圈 the Oring
- 27、调整垫 adjust pad
- 28、螺钉 the bolt
- 29、下端盖 under the end cover

配管法兰 Pipe flange	压力级或公称压力 Pressure class or the nominal pressure	法兰密封面 Flanges sealing surface	常规产品型号 (手动法兰连接金属硬密封浮动球阀) Conventional Model(manual metal flange connecting hardware floating seal 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-A20C	Q41Y-A20P	Q41Y-A20P8	Q41Y-A20P3	Q41Y-A20R	Q41Y-A20R8	Q41Y-A20R3
	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 Major parts materials	阀体 Body	WCB A105	ZG1Cr18Ni9Ti 1Cr18Ni9Ti	CF8 304	CF3 304L	ZG1Cr18Ni12Mo2Ti 1Cr18Ni12Mo2Ti	CFM 316	CF3M 316L	
	阀杆 Stem	2Cr13	1Cr18Ni9Ti	0Cr18Ni9 (304)	0Cr19Ni10 (304L)	1Cr18Ni12Mo2Ti	0Cr17Ni12Mo2 (316)	00Cr17Ni14Mo2 (316L)	
	球体 Spheroids	2Cr13+镍基合金 (或钴基合金) 2Cr13-nickel base alloy (or tungsten cobalt alloy)	1Cr18Ni9Ti+镍基合金 (或钴基合金) 1Cr18Ni9Ti-nickel base alloy (or tungsten cobalt alloy)	0Cr18Ni9Ti+镍基合金 (或钴基合金) 0Cr18Ni9Ti-nickel base alloy (or tungsten cobalt alloy)	00Cr19Ni10+镍基合金 (或钴基合金) 00Cr19Ni10-nickel base alloy (or tungsten cobalt alloy)	1Cr18Ni12Mo2Ti+镍基合金 (或钴基合金) 1Cr18Ni12Mo2Ti-nickel base alloy (or tungsten cobalt alloy)	0Cr17Ni12Mo2+镍基合金 (或钴基合金) 0Cr17Ni12Mo2-nickel base alloy (or tungsten cobalt alloy)	00Cr17Ni14Mo2+镍基合金 (或钴基合金) 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	0Cr18Ni9Ti+硬质合金 0Cr18Ni9Ti+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		304+柔性石墨缠绕垫片 304+Flexible graphite spiral wound gasket	306+柔性石墨缠绕垫片 306+Flexible graphite spiral wound gasket	306L+柔性石墨缠绕垫片 306L+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 Not-corrosive medium or weak-corrosive 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℃			

配管法兰 Pipe flange	压力级或公称压力 Pressure class or the nominal pressure	法兰密封面 Flanges sealing surface	常规产品型号 (手动法兰连接金属硬密封浮动球阀) Conventional Model(manual metal flange connecting hardware floating seal ball valve)						
ASME B16.5	Class150	凸面 convexes	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 convexes	Q347Y-A20C	Q347Y-A20P	Q347Y-A20P8	Q347Y-A20P3	Q347Y-A20R	Q347Y-A20R8	Q347Y-A20R3
	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 convexes	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 concave convexes	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 Major parts materials	阀体 Body	WCB A105	ZG1Cr18Ni9Ti 1Cr18Ni9Ti	CF8 304	CF3 304L	ZG1Cr18Ni12Mo2Ti 1Cr18Ni12Mo2Ti	CFM 316	CF3M 316L	
	阀杆 Stem	2Cr13	1Cr18Ni9Ti	0Cr18Ni9 (304)	0Cr19Ni10 (304L)	1Cr18Ni12Mo2Ti	0Cr17Ni12Mo2 (316)	00Cr17Ni14Mo2 (316L)	
	球体 Spheroids	2Cr13+镍基合金 (或钴基合金) 2Cr13-nickel base alloy (or tungsten cobalt alloy)	1Cr18Ni9Ti+镍基合金 (或钴基合金) 1Cr18Ni9Ti-nickel base alloy (or tungsten cobalt alloy)	0Cr18Ni9Ti+镍基合金 (或钴基合金) 0Cr18Ni9Ti-nickel base alloy (or tungsten cobalt alloy)	00Cr19Ni10+镍基合金 (或钴基合金) 00Cr19Ni10-nickel base alloy (or tungsten cobalt alloy)	1Cr18Ni12Mo2Ti+镍基合金 (或钴基合金) 1Cr18Ni12Mo2Ti-nickel base alloy (or tungsten cobalt alloy)	0Cr17Ni12Mo2+镍基合金 (或钴基合金) 0Cr17Ni12Mo2-nickel base alloy (or tungsten cobalt alloy)	00Cr17Ni14Mo2+镍基合金 (或钴基合金) 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	0Cr18Ni9Ti+硬质合金 0Cr18Ni9Ti+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		304+柔性石墨缠绕垫片 304+Flexible graphite spiral wound gasket	306+柔性石墨缠绕垫片 306+Flexible graphite spiral wound gasket	306L+柔性石墨缠绕垫片 306L+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 Not-corrosive medium or weak-corrosive 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℃			



应用规范

- 1、设计、制造按GB/T12237
- 2、结构长度按GB/T12221
- 3、连接法兰: JB/T79.1-79.4 GB/T9113.1-9113.4
- 4、阀门检查和试验按GB/T13927 GB/T9092

NOTE

- 1、Design Manufacture According to GB/T12237
- 2、Face to Face According to GB/T12221
- 3、End Flange Dimension According to JB/T79.1-79.4 GB/T9113.1-9113.4
- 4、Valve Check and Test According to GB/T13927 GB/T9092

缩径卸灰球阀的结构特点, 除以前所述外, 还具备以下特点:

The characteristic of ash ball valve and drawing down,besides before states below,but also has the characteristic:

- 1、重量相对较轻
- 2、当介质由进口方向进入时候, 形成一种挤压的冲击力, 介质由出口流通的时候, 从而实现一种喷吹的效果。

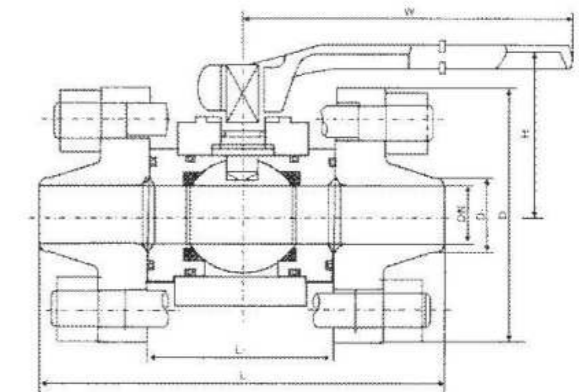
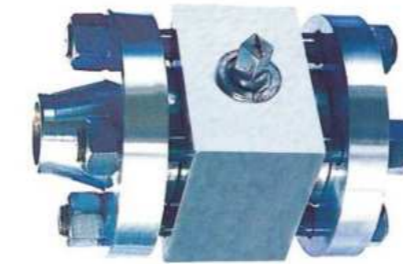
备注: 由我公司所改进的缩径卸灰球阀, 比普通的卸灰阀耐高温, 耐磨, 具有高强度的优良性能。

- 1.The weight is lighter than other valve
- 2.When the medium enters by the import direction,forms one kind of extrusion the impulse the medium circulates by the exportation,thus realizes the effect which one kind spurts blows.

Note:because ours company improve the drawing down cinder-ball-valve is more wear-resisting than others and has the strength also has fine performance.

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

DN	L	D	D1	D2		b		f		z-φd	H1	H2	L0	重量(kg) Weight
				系列1	系列2	系列1	系列2	系列1	系列2					
200	500	320	280	254	258	22	26	2	3	8-φ17.5	255	730	812	300
250	600	375	335	309	312	24	28	2	3	12-φ17.5	310	800	812	370
300	700	440	395	363	365	24	28	2	4	12-φ22	370	852	812	440
350	800	490	445	413	415	26	30	2	4	12-φ22	440	920	812	770
400	900	540	495	463	465	28	32	2	4	16-φ22	490	1050	1020	880
500	1000	645	600	518	570	32	34	2	4	20-φ22	610	1100	1020	1100



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

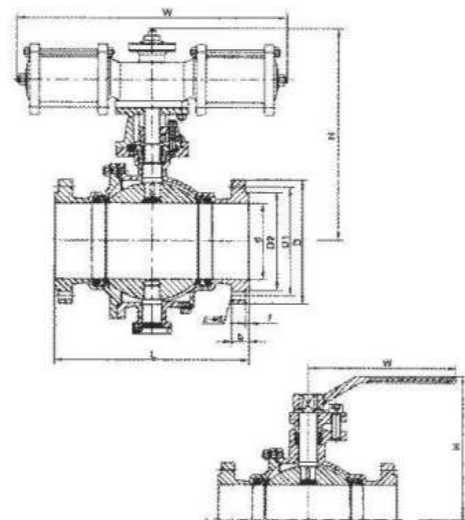
单位Unit:mm

产品型号 Type	公称口径 DN	PN16.0/32.0MPa						WT (kg)
		L	L1	D	D1	H	W	
CQ61F-160 CQ61N-160	10	150	60	90	18	58	220	4
	15	170	70	100	23	62	220	4
	20	191	81	110	29	75	250	6.5
CQ61F-320 CQ61N-320	25	205	95	115	36	80	250	8
	32	230	110	150	43	96	300	16
	40	260	120	170	49	111	400	22.5
	50	330	140	200	61	128	400	35
	65	360	150	225	80	180	500	44
80	380	160	270	105	200	600	78	
100	430	188	320	118	245	800	120	

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

单位Unit:mm

产品型号 Type	公称口径 DN	PN16.0/32.0MPa						选配气装 P.A	WT (kg)
		L	L1	D	D1	H	W		
CQ661F-160 CQ661N-160	10	150	60	90	18	211	255	QD60	12
	15	170	70	100	23	293	348	QD100	18
	20	191	81	110	29	297	348	QD100	20
CQ661F-320 CQ661N-320	25	205	95	115	36	303	348	QD100	22
	32	230	110	150	43	456	520	QD150	40
	40	260	120	170	49	463	520	QD150	49
	50	330	140	200	61	478	520	QD150	61
	65	360	150	225	80	180	500	-	-
80	380	160	270	105	200	600	-	-	
100	430	188	320	118	245	800	-	-	



■ 产品结构特点 Construction Features

本系列喷煤粉专用球阀是作为控制含尘、含固体粉末，特别适用于冶金，炼铁高炉煤粉喷吹，空气管路及喷枪管路等系统。

- 1、阀座带有磨损自动补偿装置，有效确保阀门的密封性能。
- 2、特殊材料制成的密封圈，具有耐高温、耐磨损、使用寿命长的特点。
- 3、阀门结构紧凑，启闭灵活，安装维修方便。

The powder-coal ejection ball valve series are designed for controlling the powders containing dusts or solid bodies, especially for those fields or systems as coal-power injection in high-furnace, airflow lines, lance lines, etc.

1. Wear-auto-compensation equipment is applied with the valve seat to effectively ensure the sealing performance of the valve.
2. The seal ring made from exotic materials features such specialties as high-temperature resistance, abrasion-resistance, long service-life, etc.
3. The valve bears the characteristic like compact structure, flexible on-off, and convenient method for installation and maintenance.

■ 主要技术参数 Main technical parameters

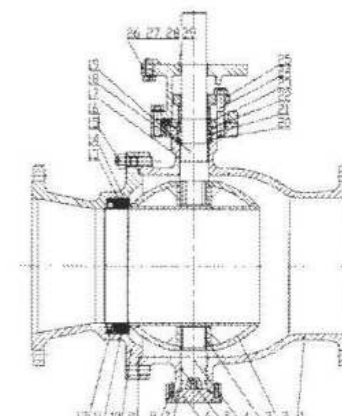
公称压力Nominal pressure	1.6MPa
壳体试验压力 Shell Test Pressure	2.4MPa
高压液密封High-Pressure Liquid Sealing	1.76MPa
低压气密封Low-Pressure Hermetic Sealing	0.6MPa
适用温度Applicable Temperature	-28~300℃
适用介质Applicable Mediums	含尘气体、煤粉等 Dusty gases Power coal, etc.
结构长度按Structural length Follows	GB1221-89
法兰尺寸按Flange Dimension Follows	Gb9113 JB79-59
检验试验按Test and Inspection Follows	JB/T9092-99
驱动方式Driving manner	手动、气动 Manual/Pneumatic

■ 主要零件材质 Main Parts and Material

零件名称 Accessory name	材质 Materials
阀体、阀盖 Body, bonnet	WCB
球体、球座 Globe body, seat	1Cr18Ni9Ti+硬铬 1Cr18Ni9Ti+Hard chrome
阀杆 Stem	2Cr13
密封圈 Sealing ring	特种耐磨耐高温四氟 Special wearing-resisting and high-temperature sistance tetrafluorine
螺栓 Bolt	中碳钢Medium Carbon stell

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

公称压力 PN(MPa) Nominal pressure	公称通径 DN(mm) Nominal diameter	尺寸 Dimension(mm)				
		L	W		H	
			手动 Manual	气动 Pneumatic	手动 Manual	气动 Pneumatic
1.6	25	180	140	235	90	298
	32	200	155	235	107	304
	40	220	250	330	127	370
	50	220	250	330	140	376
	65	241	350	400	164	425
	80	283	350	510	177	484
	100	305	420	510	206	531
	125	356	700	580	292	570
	150	394	100	720	320	570
	200	457	-	720	-	610
	250	533	-	900	-	670
	300	610	-	1050	-	740
350	686	-	1290	-	790	
400	762	-	1600	-	905	

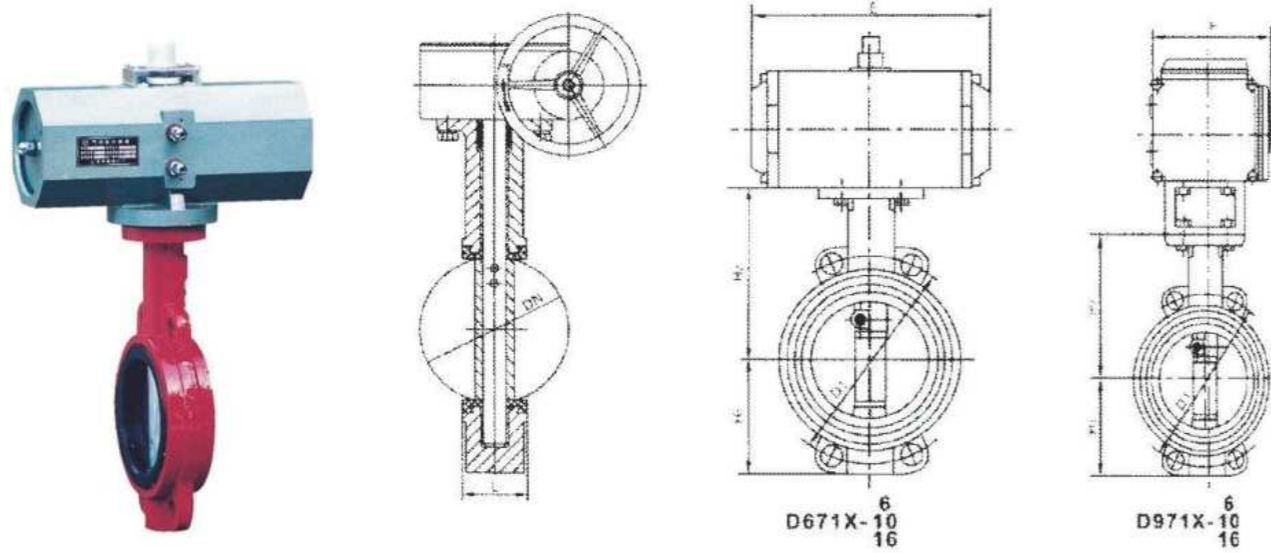


■ 产品结构特点

- 1、阀门采用固定球体，新颖浮动阀座结构形式，密封可靠。
- 2、特种材质密封，耐高温、耐磨损、寿命长。
- 3、上阀轴设有防脱机构，可以在有介质压力的情况下调整填料。
- 4、阀座的优良结构，在阀座支撑面内侧精确加工一道特制耐磨密封圈，当密封圈严重磨损时，密封副本与球体间形成的金属对金属密封，阀门填料垫片均采用耐高温石墨材料，保证阀门在高温发生时无外漏。
- 5、备用多种传动装置。

■ 主要零件材料 Main Parts and Materials

序号 No.	零件名称 Name of parts	灰铸铁 Gray cast Iron	碳钢 Carbon Steel	序号 No.	零件名称 Name of parts	灰铸铁 Gray cast Iron	碳钢 Carbon Steel
01	阀体Body	灰铸铁 Grayly cast iron	WCB	16	螺柱Stud	35CrMoA	35CrMoA
02	球体Ball	25#(组合件) PTFE	25#(组合件) PTFE	17	上滑动轴承 Upper Beraing	304+PTFE	304+PTFE
03	下滑动轴承 Lowe bearing	304+PTFE	304+PTFE	18	上阀杆Upper Stem	2Cr13	2Cr13
04	下阀杆Lower stem	2Cr13	2Cr13	19	上调整垫片Gasket	304+PTFE	304+PTFE
05	O型密封圈O-Ring	VITON	VITON	20	O型密封圈O-Ring	VITON	VITON
06	底盖Bottom Cap	25#	25#	21	压套Gland	25#	25#
07	O型密封圈O-Ring	VITON	VITON	22	O型密封圈O-Ring	VITON	VITON
08	螺钉Bolt	35CrMoA	35CrMoA	23	填料Packing	石墨Graphite	石墨Graphite
09	O型密封圈O-Ring	VITON	VITON	24	螺柱Stud	35CrMoA	35CrMoA
10	阀盖Body cap	灰铸铁 Grayly cast iron	WCB	25	填料压盖 Gland Flange	WCB	WCB
11	O型密封圈O-Ring	VITON	VITON	26	六角螺母Hex Nut	45#	45#
12	螺旋弹簧Spring	60Si2Mn	60Si2Mn	27	弹簧垫圈 Spring Gasket	65Mn	65Mn
13	阀座Seat	25#	25#	28	螺柱Stud	35CrMoA	35CrMoA
14	密封圈Seal Ring	MF	MF	29	支架Yoke	WCB	WCB
15	六角螺母Hex.Nut	45#	45#	30	气动头 Pneumatic Head		



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

单位Unit:mm

公称通径 DN(mm)	主要尺寸 Major dimensions					法兰尺寸和螺栓规格 Dimensions and specifications flange bolts					
						0.6MPa		1.0MPa		1.6MPa	
	L	H ₁	H ₂	E	F	D ₁	n-Φ	D ₁	n-Φ	D ₁	n-Φ
50	43	80	160	137	109	110	4-Φ14	120	4-Φ19	125	4-Φ19
65	46	88	175	204	109	130	4-Φ14	136	4-Φ19	145	4-Φ19
80	46	96	180	204	109	150	4-Φ19	160	8-Φ19	160	8-Φ19
100	52	115	200	230	135	170	4-Φ19	185	8-Φ19	180	8-Φ19
125	56	128	213	271	135	200	8-Φ19	215	8-Φ19	210	8-Φ19
150	56	140	225	305	153	225	8-Φ19	238	8-Φ23	240	8-Φ23
200	60	175	260	380	218	280	8-Φ19	295	8-Φ23	295	12-Φ23
250	68	202	290	462	218	335	12-Φ19	357	12-Φ23	355	12-Φ28
300	78	242	330	555	218	395	12-Φ23	407	12-Φ23	410	12-Φ28
350	78	266	360			445	12-Φ23	467	16-Φ23	470	16-Φ28
400	102	298	390			495	16-Φ23	515	16-Φ28	525	16-Φ31
450	114	315	410			550	16-Φ23	565	20-Φ28	585	20-Φ31
500	127	348	430			600	20-Φ23	620	20-Φ24	650	20-M30
600	154	400	490			705	20-Φ26	725	20-Φ27	770	20-M33
700	165	520	550			810	24-Φ26	840	24-Φ27	840	24-M33
800	190	591	610			920	24-Φ31	950	24-Φ30	950	24-M36
900	203	660	680			1020	24-M27	1050	28-M30	1050	28-M36
1000	216	670	730			1120	28-M27	1160	28-M33	1170	28-M39
1200	254	780	835			1340	32-M30	1380	32-M36	1390	32-M45
1400	279	890	935			1560	36-M33	1590	36-M39		
1600	318	1000	1035			1760	40-M33	1820	40-M45		

注：可根据ANSI、JIS、DIN标准及非标尺寸生产，表中列出的螺栓孔径是铸铁法兰的孔径。

主要特点

- ※通轴式，单阀瓣
- ※阀座与阀体内衬一体式
- ※CV值高，流通能力强
- ※流量调节场合适用
- ※美标结构改进型
- ※偏心扭矩密封，蜗轮操作
- ※对夹式和法兰连接

CHIDF FEATURES

- ※THROUGH SPINDLE SINGLE DISC
- ※SEAT AND BODY WITH ONE PIECE INSIDE LINING
- ※HIGH CV VALUE FLOW CAPACITY STRONG
- ※SUITABLE FOR ADJUST FLOW CONDITION
- ※STRUCTURE IMPROVE ON API
- ※ECCENTRIC TORQUE SEAL, GEAR OPERATION
- ※WAFFER TYPE AND FLANGED ENDS

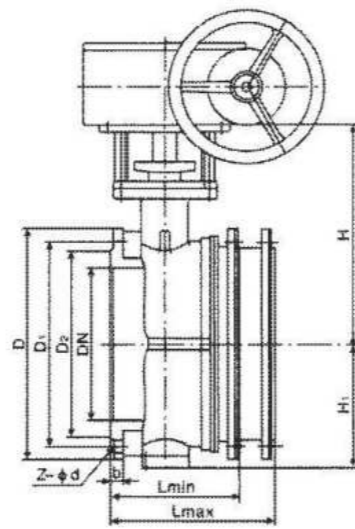


产品规范 Product Specification

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
	JB/T8527	GB/T 12221	GB/T 9113 JB/T79	GB/T13927	GB/T12220	JB/T7928

主要零部件材料 Main Part Material

零件名称 Part name	零部件材料 Part Material					
阀体 Body	WCB	WC6	CF8	CF8M	CF3	CF3M
阀板 Disc	WCB+ENP	WC6+STL	CF8+STL	CF8M+STL	CF3+STL	CF3M+STL
阀杆 Stem	2Cr13	25Cr2MoV	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	00Cr18Ni10	00Cr17Ni14Mo2
阀座 Seat	1Cr18Ni9Ti, 1Cr18Ni9Ti/柔性石墨Flexible Graphite					
填料 Packing	柔性石墨Flexible Graphite			聚四氟乙烯 (PTFE)		
适用温度 Suitable Tem	-29~425℃	-29~550℃	-40~200℃		-40~200℃	
适用介质 Suitable Medium	水、油品、蒸汽 Water, Oil, Steam		蒸汽、油品 Steam, Oil		硝酸类Nitric Acid	醋酸类Acetic Acid



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

单位Unit:mm

产品型号 Type	公称通径 DN	Lmax	Lmin	D	PN1.0MPa			PN1.6MPa			D2	H	H1	WT (kg)
					D1	b	z-φd	D1	b	z-φd				
SD341X-10 SD341X-16	100	216	174	215	180	22	8-φ18	180	24	8-φ18	155	170	110	25
	125	232	186	245	210	24	8-φ18	210	26	8-φ18	185	185	123	34
	150	239	194	280	240	24	8-φ23	240	28	8-φ23	210	210	140	67
	200	264	214	335	295	26	8-φ23	295	30	12-φ23	265	238	170	88
	250	296	235	390	350	28	12-φ23	355	32	12-φ25	320	270	195	113
	300	300	250	440	400	28	12-φ23	410	34	12-φ25	368	300	222	120
	350	320	270	500	460	30	16-φ23	470	38	16-φ25	428	330	252	144
	400	332	282	565	515	32	16-φ25	525	40	16-φ30	482	368	285	180
	450	355	305	615	565	32	20-φ25	585	44	20-φ30	532	402	310	230
SD641X-10 SD641X-16	500	365	315	670	620	34	20-φ25	650	46	20-φ34	585	438	337	280
	600	420	370	780	725	36	20-φ30	770	54	20-φ41	685	490	393	370
SD941X-10 SD941X-16	700	446	396	895	840	40	24-φ30	840	54	24-φ41	800	558	450	690
	800	476	426	1010	950	44	24-φ34	950	54	24-φ41	905	625	515	1100
	900	506	456	1110	1050	46	28-φ34	1050	54	28-φ41	1005	685	560	1240
	1000	516	466	1220	1160	50	28-φ34	1170	60	28-φ48	1115	750	610	1500
	1200	560	510	1450	1380	56	32-φ41	-	-	-	1325	880	725	2000
	1400	590	540	1675	1590	62	36-φ48	-	-	-	1525	987	840	2800
	1600	630	585	1915	1820	68	40-φ54	-	-	-	1750	1158	960	3900
1800	680	630	2115	2020	72	44-φ54	-	-	-	1950	1258	1060	5500	
2000	730	380	2325	2230	74	48-φ54	-	-	-	2160	1365	1165	8500	

■ 用途Use

本系列蝶阀采用中线结构设计,其阀门主要结构由阀体、蝶板、阀座、阀杆及传动机构等部件组成,并可根据不同介质的物理化学介质特性,选用相应的耐腐蚀、耐光、耐老化材质,可广泛应用于给排水、空调、石油、化工、食品、医药、能源系统等流体管线上作为调节和截流装置使用。

This series butterfly valve used midline structure design,the valve from the valve body structure, butterfly plates, valve seat, stem and drive components, and other components, according to different media and the physical and chemical characteristics of media, and to use the corresponding corrosion resistance, lightfastness, and anti-aging materials can be widely used in water supply and drainage, air conditioning, oil, chemicals, food, medicine, energy, systems, and other fluid pipeline, as a regulator and the closure devices.

■ 产品特点Product Features

- 1、阀座采用与阀体整体硫化,一体性好,便于现场维修,并采用全流量设计,不受杂质卡阻影响,两端的联体环型密封线使管道安装无须附加垫片而保持可靠密封,并可根据不同使用要求选用不同材质。
 - 2、结构简单,开启迅速。蝶板材料采用流线型设计,可双向使用,流阻小,流量特性优异。
 - 3、寿命长,启闭次数多。
 - 4、双向密封,试验泄漏为零。
 - 5、流量特性趋于直线,调节性能好。
- 1、The valve seat and valve body as a whole using sulfide, one of the good, easy-site maintenance, and use of the entire design flow, impact resistance from impurities cards, the two ends of the ring seal lines that do not need to install additional pipelines and maintain reliable gasket Seal and choose according to different requirements of the use of different materials.
- 2、Simple structure, opened quickly. Tip plate material used streamline design, the use of two-way, flow resistance small, excellent flow characteristics.
- 3、Longer life expectancy, the number of multi-hoist.
- 4、Two-way sealed and leak test zero.
- 5、linear flow characteristics tend to regulate the performance of good.

■ 采用标准 Standard

制造标准 Manufacturing Standards	GB12238-89	法兰标准 Flange standards	GB/T17241.6 GB/T9113.1
结构长度标准 Standard length of the structure	GB12221-89	检验标准 Test	GB/T 13927-92

■ 主要性能规范 Main Property Specification

型号Type	公称压力PS(MPa) Nominal Pressure	壳体试验压力 PS(MPa)	密封试验压力 PS(MPa)	工作温度(°C) Operating temperature	适用介质 Suitable medium
3 D 6 71X-6 9	0.6	0.9	0.66	天然橡胶NR-20~+85°C 丁腈橡胶NBR-20~+82°C 乙丙橡胶EPDM-40~+125°C 聚四氟乙烯PTFE-50~+150°C 氟橡胶EPM-23~+150°C	水、油品、空气 酸类、碱类、盐 类 Water, oil, air, acids, bases, salts, etc.
3 D 6 71X-10 9	1.0	1.5	1.1		
3 D 6 71X-16 9	1.6	2.4	1.76		

■ 主要零件材料 Material for main parts

零件名称 Parts Name	阀体、蝶板 Body Butterfly Plate	阀杆Stem	密封圈Seal	填料Filler
材料 Material	灰铸铁 Gray Iron 球墨铸铁 Ductile iron 铸钢 Casting 不锈钢 Stainless steel	中碳钢 In carbon steel 不锈钢 Stainless steel (2Cr13) 1Cr18Ni9Ti	天然橡胶 (NR) 丁腈橡胶 (NBR) 乙丙橡胶 (EPDM) 聚四氟乙烯 (PTFE) 氟橡胶 (EPM)	橡胶 Rubber 柔性石墨 Flexible Graphite

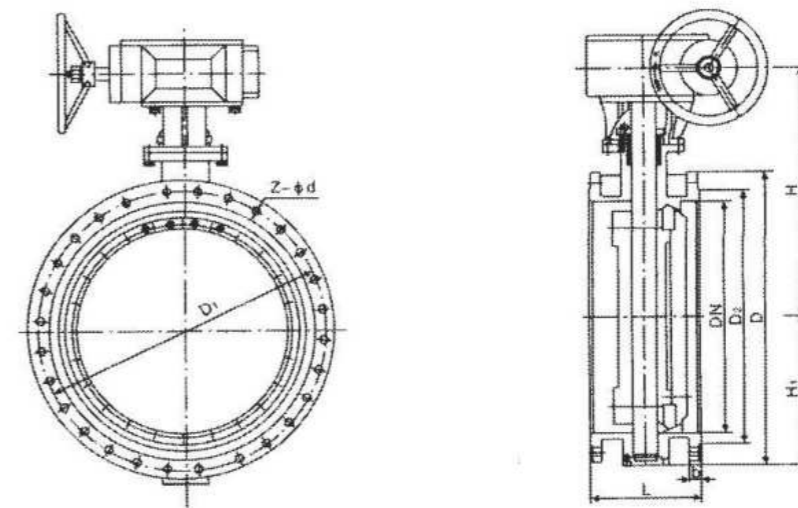
蝶阀系列 BUTTERFLY VALVES

主要特点

- ※通轴式, 单阀瓣
- ※阀座与阀体内衬一体式
- ※CV值高, 流通能力强
- ※流量调节场合适用
- ※美标结构改进型
- ※双向密封, 零泄漏
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- ※对夹式和法兰式连接

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- ※STRUCTURE IMPROVE ON API
- ※DOUBLE SEAL ZERO LEAKAGE
- ※TORQUE SEAL GEAR OPERATION
- ※WAFFER TYPE AND FLANGED ENDS



产品规范 Product Specification

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
	GB/T 12238	GB/T 12221	GB/T 9113 JB/T79	GB/T13927	GB/T12220	JB/T7928

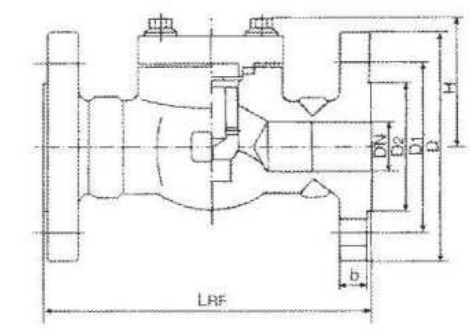
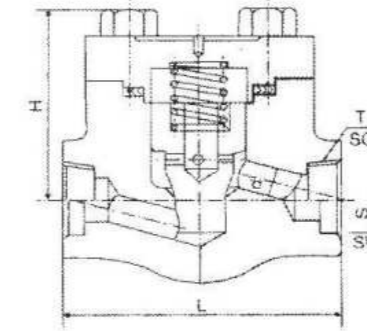
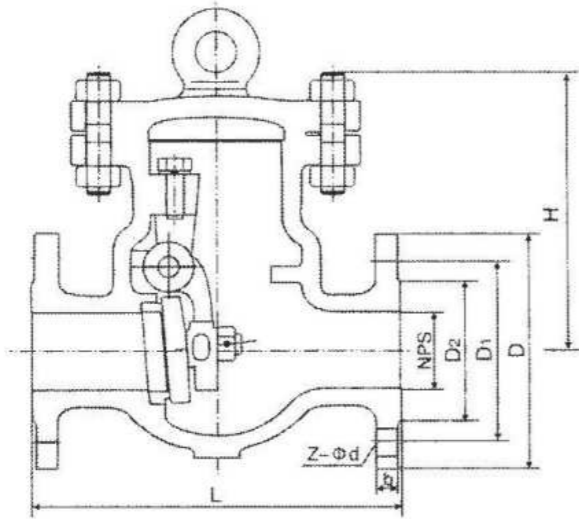
主要零部件材料 Main Part Material

零件名称 Part name	零部件材料 Part Material		
阀体 Body	HT200	QT400-15	WCB
阀板 Disc	WCB+ENP	QT400-18+ENP	35
阀杆 Stem	1Cr13	2Cr13	2Cr13
密封副 Seat	天然胶、丁腈橡胶、氟橡胶、三元乙丙橡胶、耐磨橡胶、卫生橡胶/NR,NBR,FPM,EPDM,SI		
适用温度 Suitable Temp.	≤150℃		
适用介质 Suitable Medium	清水、污水、盐水、蒸汽、煤气、食品、药物、油品、酸碱等 Water, Sewage, Salt water, Steam, Gas, Food, Medicine, Oil Acid and Alkali Etc		

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

单位Unit:mm

产品型号 Type	公称通径 DN	L	D	PN1.0MPa			PN1.6MPa			D ₂	H	H ₁	WT(kg)	
				D ₁	b	z-φd	D ₁	b	z-φd				1.0	1.6
D41X-10 D41X-16	50	108	160	125	20	4-φ18	125	20	4-φ18	99	160	85	15	18
	65	112	180	145	20	4-φ18	145	20	4-φ18	118	160	90	17	20
	80	114	195	160	22	8-φ18	160	22	8-φ18	132	180	100	20	22
	100	127	215	180	22	8-φ18	180	24	8-φ18	155	240	120	25	32
	125	140	245	210	24	8-φ18	210	26	8-φ18	185	270	130	34	40
	150	140	280	240	24	8-φ23	240	28	8-φ23	210	300	150	50	50
	200	152	335	295	26	8-φ23	295	30	12-φ23	265	330	180	70	75
	250	250/165	390	350	28	12-φ23	355	32	12-φ25	320	400	220	90	137
	300	270/178	440	400	28	12-φ23	410	34	12-φ25	368	410	220	120	145
	350	290/190	500	460	30	16-φ23	470	38	16-φ25	458	460	270	165	180
D341X-10 D341X-16	400	310/216	565	515	32	16-φ25	525	40	16-φ30	482	510	290	180	250
	450	330/222	615	565	32	20-φ25	585	44	20-φ30	532	560	320	230	300
D641X-10 D641X-16	500	350/229	670	620	34	20-φ25	650	46	20-φ34	585	590	360	280	350
	600	390/267	780	725	36	20-φ30	770	54	20-φ41	685	660	390	340	480
D941X-10 D941X-16	700	430/292	895	840	40	24-φ30	840	54	24-φ41	800	780	460	490	600
	800	470/318	1010	950	44	24-φ34	950	54	24-φ41	905	850	530	680	1020
	900	510/330	1110	1050	46	28-φ34	1050	54	28-φ41	1005	920	570	1050	1350
	1000	550/410	1220	1160	50	28-φ34	1170	60	28-φ48	1115	990	630	1330	1700
	1200	630/470	1450	1380	56	32-φ41	-	-	-	1325	1115	750	1600	-
	1400	710/530	1675	1590	62	36-φ48	-	-	-	1528	1228	850	2300	-
	1600	790/600	1915	1820	68	40-φ54	-	-	-	1750	1340	990	3400	-
	1800	870/670	2115	2020	72	44-φ54	-	-	-	1950	1570	1100	4150	-
	2000	950/760	2325	2230	74	48-φ54	-	-	-	2160	1680	1170	4250	-



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

单位Unit:mm

产品型号 Type	NPS in	DN mm	Class150Lb/300Lb/600Lb							WT (kg)
			L	D	D ₁	D ₂	b	Z-Φd	H	
DH44Y-150Lb	2"	50	203	157	120.7	92	19.50	4-Φ19	161	16.6
	1/2"	65	216	178	139.7	105	22.5	4-Φ19	180	22.5
	3"	80	241	190.5	152.4	127	24	4-Φ19	190	32.5
	4"	100	292	229	190.50	157.2	24	8-Φ19	220	53.8
	6"	150	356	279	241.5	216	25.5	8-Φ22.5	257	83.8
	8"	200	495	343	298.5	270	29	8-Φ22.5	292	141.3
	10"	250	622	406	362	324	30.5	12-Φ25	350	190.5
DH44Y-300Lb	2"	50	267	165	127	92	22.5	8-Φ19	179.5	21
	1/2"	65	292	191	149	105	26	8-Φ22	204	34
	3"	80	318	210	168	127	29.0	8-Φ22.5	212.4	47
	4"	100	356	254	200	157	32.0	8-Φ22.5	246	69
	6"	150	445	317.5	269.7	216	37.0	12-Φ22.5	292	133
	8"	200	533	381	330	270	41.5	12-Φ25.5	328	165.5
	10"	250	622	444.5	387	324	48.0	16-Φ28.5	378.6	208
	12"	300	711	521	451	381	51.0	16-Φ32	420	296
DH44Y-600Lb	2"	50	292	165	127	92	25.5	8-Φ19	192	34
	2 1/2"	65	330	190	149	100	36	8-Φ22	229	45
	3"	80	356	210	168	127	32	8-Φ22.5	220	63
	4"	100	406	254	200	157	35	8-Φ25.5	245	114
	6"	150	495	317.5	270	216	41.5	12-Φ25.5	295	207
	8"	200	597	361	330	270	48	12-Φ28.5	330	387
	10"	250	673	445	387	324	54	16-Φ32	380	580
	12"	300	762	520	450.8	381	57.5	16-Φ35	425	778

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

单位Unit:mm

产品型号 Type	公称口径 DN	PN1.6/2.5/4.0/6.4MPa Class 800Lb							WT(kg)	
		L	D	S	L ₁	T	L ₂	H	FLD	SC/SW
H41H-16C H41H-25 H41H-40	15	90	13	22.5	10	1/2	15	61	3.0	1.5
H11H-16C H11H-25 H11H-40	20	100	18	28.5	11	3/4	17	78	4.0	3.0
H61H-16C H61H-25 H61H-40	25	120	23	34.5	12	1	19	84	5.8	3.9
H41H-64 H41H-100 H41H-160	32	140	28	43	14	1 1/4	21	103	8.5	5.6
H61H-64 H61H-100 H61H-160	40	170	36	49	15	1 1/2	21	118	10.1	8.9
H41Y-800Lb H11Y-800Lb H61Y-800Lb	50	200	45	61	16	2	25	132	15.6	12.5

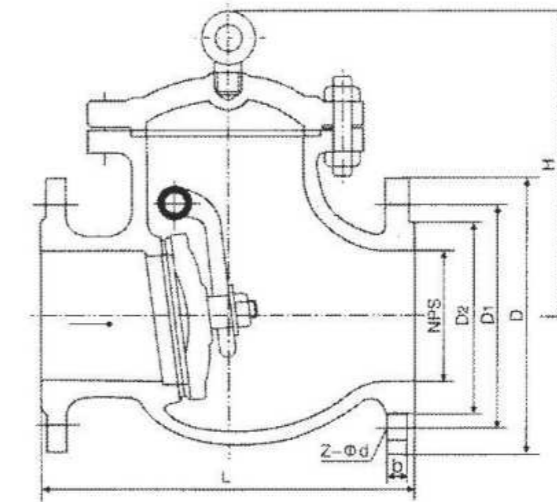
磅级止回阀 ANSI CHECK VALVE

主要特点

- ※中法兰螺栓连接
- ※旋启式阀瓣
- ※水平和垂直管线适用
- ※标准法兰连接

CHIDF EATURES

- ※BOLTED BONNET
- ※SWING TYPE DISC
- ※OR HORIZONTAL OR VERTICAL LINES
- ※FLANGED END



产品规范 Product Specification

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	压力-温度 Pressure-Temp	产品标识 Marking	供货规范 Supply
	API600	ANSI B16.10	ANSI B16.5	API598	ANSI B16.34	MSS SP-25	API600
	API6D	API6D		API6D			BS5160

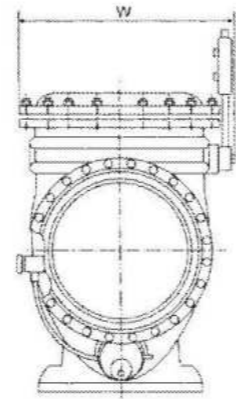
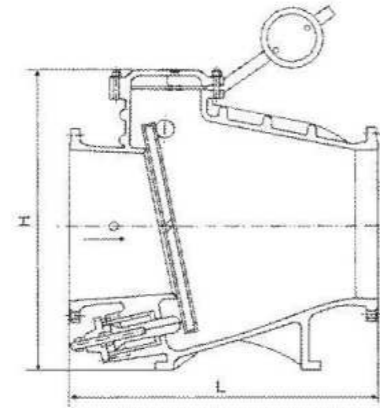
主要零部件材料 Main Part Material

零件名称 Part name	零部件材料 Part Material			
阀体、阀盖 Body, Bonnet	A216-WCB	A217-WC6	A352-LCB	A351-CF8M
阀瓣 Disc	A105	A182-F11	A182-F304	A182-F316
绕轴 Swing Arm	A216-WCB	A182-WC6	A182-LCB	A182-F316
垫片 Gasket	18-8柔性石墨/18-8Flexible Graphite			
螺栓 Bolt	A193-B7	A193-B7	A193-B7M	A193-B8
适用温度 Suitable Temp.	-29~425℃	-29~550℃	-46~350℃	-40~200℃
适用介质 Suitable Medium	水、油品、蒸汽 Water, oil, steam	蒸汽、油品 steam, oil	丙烷、乙烯 Steam, oil	硝酸类 Nitric Acid

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

单位Unit:mm

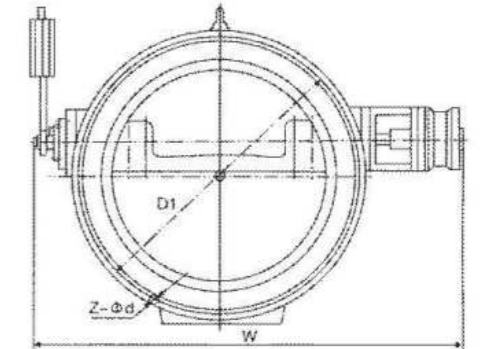
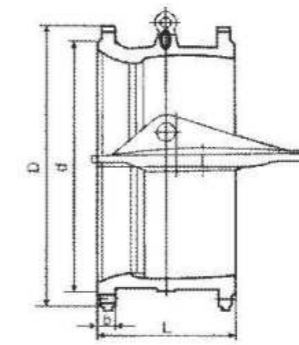
产品型号 Type	NPS in	DN Mm	Class150Lb/300Lb/600Lb							WT (kg)
			L	D	D ₁	D ₂	b	Z-φd	H	
H44H-150Lb H44H-150LbP H44H-150LbR H44H-150LbL	2"	50	203	157	120.7	92	19.50	4-φ19	161	17
	1/2"	65	216	178	139.7	105	22.5	4-φ19	180	23
	3"	80	241	190.5	152.4	127	24	4-φ19	190	33
	4"	100	292	229	190.50	157.2	24	8-φ19	220	44
	6"	150	356	279	241.5	216	25.5	8-φ22.5	257	78
	8"	200	495	343	298.5	270	29	8-φ22.5	292	137
	10"	250	622	406	362	324	30.5	12-φ25	350	207
	12"	300	698	483	432	381	32	12-φ25	398	279
	14"	350	787	533	476.8	413	35	12-φ29	445	387
	16"	400	864	597	539.8	470	37	16-φ29	490	446
H44H-300Lb H44H-300LbP H44H-300LbR H44H-300LbL	18"	450	978	635	577.8	533	40	16-φ32	520	621
	20"	500	978	698	635	584	43	20-φ32	546	770
	24"	600	1295	813	749.3	692	48	20-φ35	880	970
	2"	50	267	165	127	92	22.5	8-φ19	179.5	20
	2 1/2"	65	292	190	150	105	25	8-φ22	190	24
	3"	80	318	210	168	127	29.0	8-φ22.5	212.4	40
	4"	100	356	254	200	157	32.0	8-φ22.5	246	51
	6"	150	445	317.5	269.7	216	37.0	12-φ22.5	292	90
	8"	200	533	381	330	270	41.5	12-φ25.5	328	175
	10"	250	622	444.5	387	324	48.0	16-φ28.5	378.6	210
H44H-600Lb H44H-600LbP H44H-600LbR H44H-600LbL	12"	300	711	521	451	381	51.0	16-φ32	450	286
	14"	350	838	584	514	54	54	20-φ32	470	400
	16"	400	864	648	572	57	57	24-φ35	530	550
	18"	450	978	711	629	60	60	24-φ35	584	700
	20"	500	1016	775	686	64	64	24-φ35	610	860
	24"	600	1346	914	813	70	70	24-φ41	860	1931
H44H-600Lb H44H-600LbP H44H-600LbR H44H-600LbL	2"	50	292	165	127	92	25	8-φ19	203	34
	2 1/2"	65	330	190	150	105	29	8-φ22	229	45
	3"	80	356	210	168	127	32	8-φ22	235	63
	4"	100	432	273	216	157	38	8-φ25	286	114
	6"	150	559	356	292	216	48	8-φ29	330	207
	8"	200	660	419	349	270	56	12-φ29	381	387
	10"	250	787	508	432	324	64	12-φ32	457	580
	12"	300	838	559	489	385.1	67	16-φ35	584	778
H44H-600LbL	14"	350	889	603	527	413	70	20-φ38	635	9869
	16"	400	991	686	603	470	76	20-φ41	684	1380



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

单位Unit:mm

产品型号 Type	公称口径 DN	PN1.0/1.6/2.5MPa			WT (kg)
		L	W	H	
HH44T-10 HH44X-10 HH44H-10C	50	230	270	300	58
	65	290	290	320	70
	80	310	300	354	83
	100	350	320	350	120
	125	400	340	380	146
HH44T-16 HH44X-16 HH44H-16C	150	480	410	500	175
	200	500	450	580	205
	250	600	550	670	427
HH44T-25 HH44X-25 HH44H-25	300	700	580	730	597
	350	800	630	820	800
HH47X-10 HH47F-10 HH47H-10C	400	900	700	920	1168
	450	1000	800	950	1460
	500	1100	900	1100	1795
	600	1300	990	1200	2125
	700	1400	1120	1550	2668
800	1500	1300	1700	3050	



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

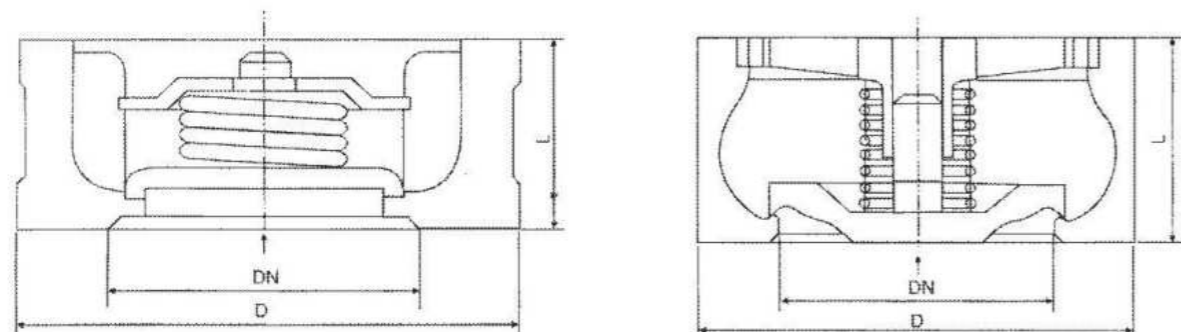
单位Unit:mm

产品型号 Type	公称口径 DN	PN1.0MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-φd	H	W	
HH47X-10 HH47F-10 HH47H-10C	200	230	340	295	266	24	8-φ22	550	540	102
	250	250	395	350	319	26	12-φ22	630	600	148
	300	270	445	400	370	26	12-φ22	690	650	215
	350	290	505	460	429	26	16-φ22	780	710	260
	400	310	565	515	480	26	12-φ26	860	770	295
	450	330	615	565	530	28	20-φ26	910	830	345
	500	350	670	620	582	28	20-φ26	980	900	435
	600	390	780	725	682	34	20-φ30	1070	1090	575
	700	430	895	840	794	34	24-φ30	1220	1200	678
	800	470	1015	950	901	36	24-φ33	1320	1320	862
	900	510	1115	1050	1001	38	28-φ33	1430	1420	1030
	1000	550	1230	1160	1112	38	28-φ36	1550	1550	1270
	1200	630	1455	1380	1328	44	32-φ36	1800	1780	1440
	1400	710	1675	1590	1530	48	36-φ42	1980	2000	1800

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

单位Unit:mm

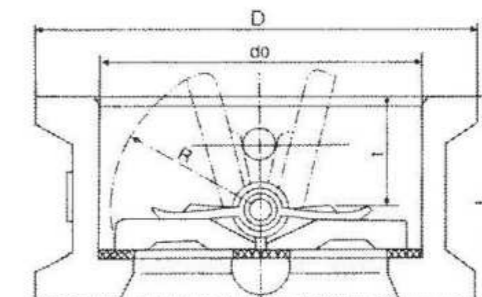
产品型号 Type	公称口径 DN	PN1.6/2.5MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-φd	H	W	
HH47X-16 HH47F-16 HH47H-16C	200	230	335	295	265	26	12-φ23	550	540	102
	250	250	405	355	320	30	12-φ25	630	600	148
	300	270	460	410	375	30	12-φ25	690	650	215
	350	290	520	470	435	34	16-φ25	780	710	260
	400	310	580	525	485	36	16-φ30	860	770	295
	450	330	640	585	515	40	20-φ30	910	830	345
	500	350	705	650	608	44	20-φ34	980	900	435
	600	390	840	770	718	48	20-φ41	1070	1090	575
	700	430	910	840	788	50	24-φ41	1220	1200	678
	800	470	1020	950	898	52	24-φ41	1320	1320	862
	900	510	1120	1050	998	54	28-φ41	1430	1420	1030
	1000	550	1255	1170	1110	56	28-φ48	1550	1550	1270
	1200	630	1485	1390	1325	58	32-φ54	1800	1780	1440
	1400	710	1685	1590	1525	60	36-φ54	1980	2000	1800
HH47X-25 HH47F-25 HH47H-25	200	230	360	310	278	34	12-φ25	550	540	102
	250	250	425	370	332	36	12-φ30	630	600	148
	300	270	485	430	390	40	16-φ30	690	650	215
	350	290	550	490	448	44	16-φ34	780	710	260
	400	310	610	550	505	48	16-φ34	860	770	295
	450	330	660	600	555	50	20-φ34	910	830	345
	500	350	730	660	610	52	20-φ41	980	900	435
	600	390	840	770	718	56	20-φ41	1070	1090	575
	700	430	955	875	815	60	24-φ48	1220	1200	678
	800	470	1070	990	930	64	24-φ48	1320	1320	862
	900	510	1180	1090	1025	66	24-φ54	1430	1420	1030
	1000	550	1305	1210	1140	68	28-φ58	1550	1550	1270
	1200	630	1525	1420	1350	72	32-φ58	1800	1780	1440
	1400	710	1750	1640	1560	78	36-φ65	1980	2000	1800



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

单位Unit:mm

产品型号 Type	公称通径 DN	L	D			WT (kg)	
			1.6MPa	2.5MPa	4.0MPa		
H71H-16C H71H-25 H71H-40	15	25	48	48	48	0.3	
	20	31.5	58	58	58	0.5	
	25	35.5	68	68	68	0.8	
	32	40	80	80	80	1.3	
	40	45	90	90	90	1.6	
	50	56	105	105	105	2.3	
	H71W-16P H71W-25P H71W-40P	65	63	125	125	125	3.3
		80	71	140	140	140	4.4
		100	80	160	165	165	5.6
	H71W-16R H71W-25R H71W-40R	125	110	190	195	195	9.2
150		125	215	225	225	12.5	
200		160	270	285	290	16.5	
250		200	330	340	350	20	
300		250	385	400	415	27	



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

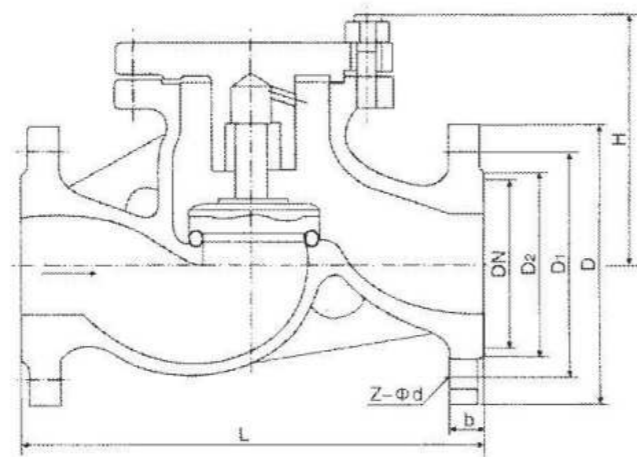
单位Unit:mm

产品型号 Type	公称通径 DN	PN1.0MPa		WT (kg)	PN1.6MPa		WT (kg)	PN2.5MPa		WT (kg)	PN4.0MPa		WT (kg)
		L	D		L	D		L	D		L	D	
H76H-10C H76W-10P H76W-10R	50	60	109	1.8	60	109	1.8	60	109	2	60	109	2.4
	65	67	129	2.6	67	129	2.6	67	129	3.2	67	129	3.8
	80	73	144	3.6	73	144	4.2	73	144	4.8	73	144	5.6
	100	73	164	4.8	73	164	5.2	73	170	6	73	170	7.5
H76H-16C H76W-16P H76W-16R	125	83	194	6.3	83	194	6.7	83	198	9	83	198	11
	150	98	220	8.7	98	220	9.4	65	228	12	98	228	15
H76H-25 H76W-25P H76W-25R	200	127	275	16.5	127	275	18.7	124	288	22	127	293	27
	250	146	330	26.2	146	333	29.4	146	343	38	146	355	48
	300	181	380	42.3	181	388	48.5	181	403	54	181	420	78
H76H-40 H76W-40P H76W-40R	350	184	440	58	184	448	66	184	460	80	222	480	116
	400	198	493	76	198	498	90	198	520	118	232	549	152
	450	203	543	98	203	558	130	-	-	-	-	-	-
	500	219	598	120	219	630	186	-	-	-	-	-	-
	600	222	698	235	222	734	298	-	-	-	-	-	-

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

单位Unit:mm

产品型号 Type	公称通径 DN	PN1.0/1.6MPa					WT (kg)
		L	D	Do	R	T	
H76X-10 H76X-16 H76X-16C	50	43	107	69	29	19	1.5
	65	46	127	84	20	20	2.4
	80	64	142	103	26	26	3.6
	100	64	162	121	28	28	5.7
	125	70	192	135	30	30	7.3
	150	76	218	180	31	31	9
	200	89	273	250	33	33	17
	250	114	328	260	45	45	26
	300	114	378	312	48	48	42
	350	127	438	365	50	50	55
	400	140	489	415	54	54	75
	450	152	539	468	58	58	107
	500	152	594	526	60	60	111
600	178	695	626	73	73	165	



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

单位Unit:mm

产品型号 Type	公称口径 DN	PN1.6/2.5MPa							WT (kg)
		L	D	D ₁	D ₂	b	Z-Φd	H	
H41H-16C H41Y-16C H41Y-16P H41Y-16R H41Y-16I	15	130	95	65	45	14	4-Φ14	77	3
	20	150	105	75	55	14	4-Φ14	77	4
	25	160	115	85	65	14	4-Φ14	80	5
	32	180	135	100	78	16	4-Φ18	85	7
	40	200	145	110	85	16	4-Φ18	95	9
	50	230	160	125	100	16	4-Φ18	105	10
	65	290	180	145	120	18	8-Φ18	120	20
	80	310	195	160	135	20	8-Φ18	130	30
	100	350	215	180	155	20	8-Φ18	140	39
	125	400	245	210	185	22	8-Φ18	155	50
H41H-25 H41Y-25 H41Y-25P H41Y-25R H41Y-25I	150	480	280	240	210	24	8-Φ23	180	70
	200	600	335	295	265	26	12-Φ23	215	161
	250	730	405	355	320	30	12-Φ25	260	251
	300	850	460	410	375	34	12-Φ25	315	395
	15	130	95	65	45	16	4-Φ14	100	3.4
	20	150	105	75	55	16	4-Φ14	105	5
	25	160	115	85	65	16	4-Φ14	120	5.7
	32	180	135	100	78	18	4-Φ18	130	9.1
	40	200	145	110	85	18	4-Φ18	135	11.8
	50	230	160	125	100	20	4-Φ18	149	14.4
65	290	180	145	120	22	8-Φ18	160	23	
80	310	195	160	135	22	8-Φ18	169	30	
100	350	230	190	160	24	8-Φ23	194	44	
125	400	270	220	180	28	8-Φ25	222	65	
150	480	300	250	218	30	8-Φ25	255	99	
200	600	360	310	278	34	12-Φ25	305	190	
250	730	425	370	332	36	12-Φ30	355	315	
300	850	485	430	390	40	16-Φ30	410	450	

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

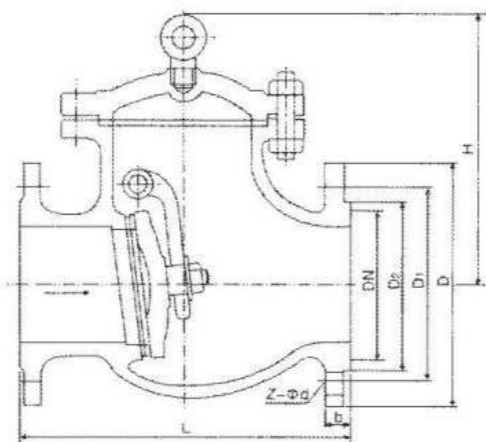
单位Unit:mm

产品型号 Type	公称口径 DN	PN4.0MPa								WT (kg)
		L	D	D ₁	D ₂	D ₆	b	Z-Φd	H	
H41H-40 H41Y-40 H41Y-40P H41Y-40R H41Y-40I	15	130	95	65	45	40	16	4-Φ14	100	4
	20	150	105	75	55	51	16	4-Φ14	105	5.5
	25	160	115	85	65	58	16	4-Φ14	120	6
	32	180	135	100	78	66	18	4-Φ18	130	12
	40	200	145	110	85	76	18	4-Φ18	135	14
	50	230	160	125	100	88	20	4-Φ18	149	18
	65	290	180	145	120	110	22	8-Φ18	160	27
	80	310	195	160	135	121	22	8-Φ18	169	36
	100	350	230	190	160	150	24	8-Φ23	194	50
	125	400	270	220	188	176	28	8-Φ25	225	75
	150	480	300	250	218	204	30	8-Φ25	255	119
	200	600	375	320	282	260	38	12-Φ30	305	217
	250	730	445	385	345	313	42	12-Φ34	360	365
	300	850	510	450	408	364	46	12-Φ34	415	310

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

单位Unit:mm

产品型号 Type	公称口径 DN	PN6.4MPa								WT (kg)
		L	D	D ₁	D ₂	D ₆	b	Z-Φd	H	
H41H-64 H41Y-64W H41Y-64P H41Y-64R H41Y-64I	15	210	105	75	55	40	18	4-Φ14	100	7
	20	230	125	90	68	51	20	4-Φ18	110	11
	25	230	135	100	78	58	22	4-Φ18	125	13
	32	260	150	110	82	66	24	4-Φ23	140	14
	40	260	165	125	95	76	24	4-Φ23	168	20
	50	300	175	135	105	88	26	4-Φ23	170	23
	65	340	200	160	130	110	28	8-Φ23	188	37
	80	380	210	170	140	121	30	8-Φ23	205	46
	100	430	250	200	168	150	32	8-Φ25	230	68
	125	500	295	240	202	176	36	8-Φ30	230	89
	150	550	340	280	240	204	38	8-Φ34	265	131
	200	650	405	345	300	260	44	12-Φ34	310	235



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

单位Unit:mm

产品型号 Type	公称通径 DN	PN1.6/2.5MPa							WT (kg)
		L	D	D ₁	D ₂	b	Z-Φd	H	
H44H-16C H44Y-16C H44Y-16P H44Y-16R H44Y-16I	50	230	160	125	100	16	4-Φ18	135	21
	65	290	180	145	120	18	4-Φ18	142	28
	80	310	195	160	135	20	8-Φ18	165	38
	100	350	215	180	155	20	8-Φ18	180	58
	125	400	245	210	185	22	8-Φ18	210	92
	150	480	280	240	210	24	8-Φ23	233	130
	200	500	335	295	265	26	12-Φ23	304	210
	250	550	405	355	320	30	16-Φ25	348	294
	300	650	460	410	375	30	16-Φ25	390	367
	350	750	520	470	435	34	16-Φ25	430	411
H44H-25 H44Y-25 H44Y-25P H44Y-25R H44Y-25I	50	230	160	125	100	20	4-Φ18	160	22
	65	290	180	145	120	22	8-Φ18	175	29
	80	310	195	160	135	22	8-Φ18	185	38
	100	350	230	190	160	24	8-Φ23	220	61
	125	400	270	220	188	28	8-Φ25	248	96
	150	480	300	250	218	30	8-Φ25	276	132
	200	550	360	310	278	34	12-Φ25	350	213
	250	650	425	370	332	36	12-Φ30	410	297
	300	750	485	430	390	40	16-Φ30	430	372
	350	850	550	490	448	44	16-Φ34	518	415

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

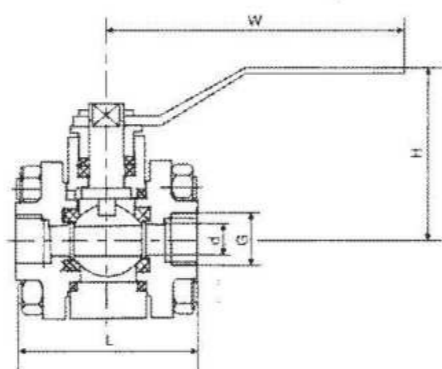
单位Unit:mm

产品型号 Type	公称通径 DN	PN4.0MPa										WT (kg)
		L	D	D ₁	D ₂	D ₆	b	f	f ₂	Z-Φd	H	
H44H-40 HH44Y-40 HH44Y-40P HH44Y-40R HH44Y-40I	50	230	160	125	100	88	20	3	4	4-Φ18	169	22
	65	290	180	145	120	110	22	3	4	8-Φ18	173	29
	80	310	195	160	135	121	22	3	4	8-Φ18	185	38
	100	350	230	190	160	150	24	3	4.5	8-Φ23	220	61
	125	400	270	220	188	176	28	3	4.5	8-Φ25	248	96
	150	480	300	250	218	204	30	3	4.5	8-Φ25	270	132
	200	550	375	320	282	260	38	3	4.5	12-Φ30	342	213
	250	650	445	385	345	313	42	3	4.5	12-Φ34	401	297
	300	750	510	450	408	364	46	4	4.5	16-Φ34	423	372
	350	850	570	510	465	422	52	4	5	16-Φ34	455	415
400	950	655	585	535	474	58	4	5	16-Φ41	510	450	

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

单位Unit:mm

产品型号 Type	公称通径 DN	PN6.4MPa										WT (kg)
		L	D	D ₁	D ₂	D ₆	b	f	f ₂	Z-Φd	H	
H44H-64 HH44Y-64 HH44Y-64P HH44Y-64R HH44Y-64I	50	300	175	135	105	88	26	3	4	4-Φ23	177	27
	65	340	200	160	130	110	28	3	4	8-Φ23	197	37
	80	380	210	170	140	121	30	3	4	8-Φ23	212	57
	100	430	250	200	168	150	32	3	4.5	8-Φ25	248	89
	125	500	295	240	202	176	36	3	4.5	8-Φ30	296	135
	150	550	340	280	240	204	38	3	4.5	8-Φ34	330	184
	200	650	405	345	300	260	44	3	4.5	12-Φ34	385	266
	250	775	470	400	352	313	48	3	4.5	12-Φ41	445	398
	300	900	530	460	412	364	54	4	4.5	16-Φ41	474	643
	350	1025	595	525	475	422	60	4	5	16-Φ41	514	815
400	1150	670	585	525	474	66	4	5	16-Φ41	616	1234	

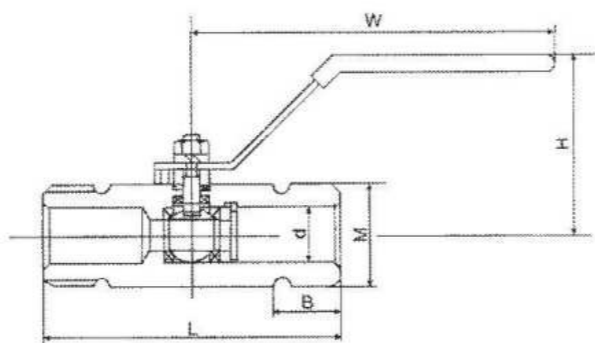


主要外形和连接尺寸 Main External and Connection Dimension

单位Unit:mm

产品型号 Type	公称口径 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	1 1/4"	69	140	1.7
	40	120	32	1 1/2"	76	155	3.1
Q11F-150Lb Q11F-300Lb	50	140	38	2"	86	180	4.3

外螺纹球阀 Outside Screw ball valve



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

单位Unit:mm

产品型号 Type	公称口径 DN	PN1.6/2.5/4.0MPa		Class150Lb/Class300Lb			WT (kg)	
		L	d	M	B	H		W
Q21F-16C Q21F-16P Q21F-16R	6	60	8	M20X1.5	15	38	110	0.4
	10	60	10	M24X1.5	16	40	110	0.45
Q21F-25C Q21F-25P Q21F-25R	15	60	10	M30X2	18	42	110	0.5
	20	67	13.5	M36X2	18	62	110	0.6
Q21F-40C Q21F-40P Q21F-40R	25	73	18	M42X2	20	68	110	0.9
	32	90	22	M52X2	20	75	150	1.4
Q21F-150Lb Q21F-300Lb	40	98	26	M60X2	25	83	150	2.1
	50	112	32.8	M72X2	25	90	150	2.6

止回阀系列 CHECK VALVES

主要特点

- ※中法兰螺栓连接
- ※旋启式或升降式阀瓣
- ※水平和垂直管线适用
- ※标准法兰连接

CHIDF FEATURES

- ※BOLTE BONNET
- ※SWING OR LIFT TYPE DISC
- ※FOR HORIZONTAL OR VERTICAL LINES
- ※FLANGED END

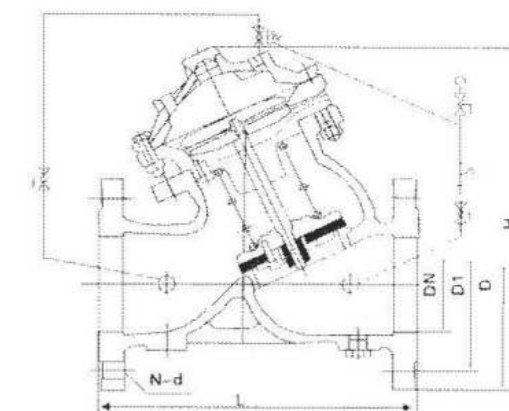
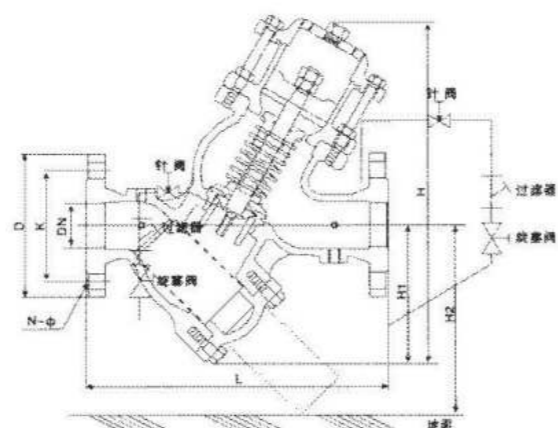


产品规范 Product Specification

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	压力-温度 Pressure-Temp	产品标识 Marking	供货规范 Supply
	GB/T12236 GB/T12235	GB/T12221	JB/T79	JB/T9092	GB/T9131	GB/T12220	JB/T7928

主要零部件材料 Main Part Material

零件名称 Part name	零部件材料 Part Material			
阀体、阀盖 Body, Bonnet	WCB	WC6	LCB	CF8M
阀瓣 Disc	25	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti
绕轴 Swing Arm	WCB	25Cr2MoV	LCB	CF8M
垫片 Graphite Gasket	18-8柔性石墨/18-8Flexible			
螺栓 Bolt	35/35CrMo	25Cr2MoV	1Cr18Ni9	1Cr18Ni9
适用温度 Suitable Temp.	-29~425℃	-29~550℃	-46~350℃	-40~550℃
适用介质 Suitable Medium	水、油品、蒸汽 Water, oil, steam	蒸汽、油品 steam, oil	丙烷、乙烯 Steam, oil	硝酸类 Nitric Acid

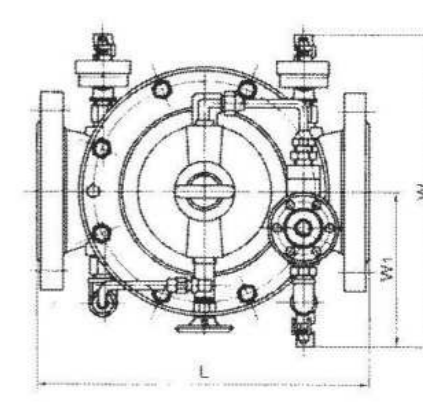
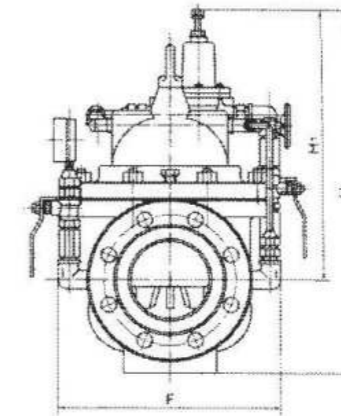
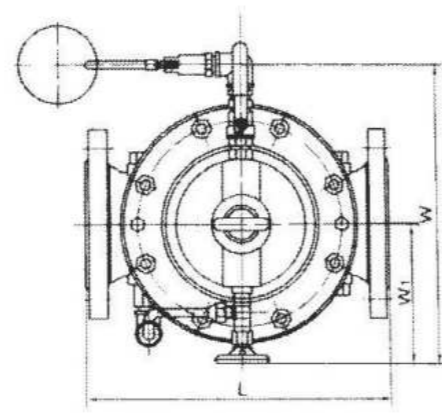
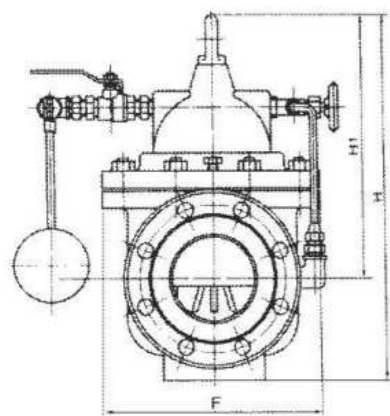


■ 主要外形和连接尺寸Main External and Connection Dimension

公称口径 DN	PN1.6/2.5MPa						
	L	H	D	K	N-φ	H ₁	H ₂
40	270	400	150	110	4-φ18	155	236
50	270	400	160	125	4-φ18	155	236
65	290	410	185	145	4-φ18	165	250
80	360	425	200	160	8-φ18	180	280
100	400	460	220	180	8-φ18	210	310
125	470	550	250	210	8-φ18	240	370
150	535	610	285	240	8-φ23	260	413
200	670	772	340	295	12-φ23	330	510
250	780	935	405	355	12-φ27	410	568
300	895	1000	460	410	12-φ27	485	1075
350	1000	920	520	470	12-φ27	260	不带过滤器
400	1120	1145	580	525	12-φ30	290	不带过滤器

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

DN	L	H	D			D ₁			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
65	215	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	600	792	395	405	425	350	355	370	12-22	12-26	12-26
300	680	927	445	460	485	400	410	430	12-22	12-26	12-30
350	780	957	505	520	555	460	470	490	16-22	16-26	16-33
400	860	1188	565	580	620	515	525	550	16-26	16-30	16-36
450	920	1218	615	640	670	565	585	600	20-26	20-30	20-36
500	980	1256	670	715	730	620	650	660	20-26	20-33	20-36
600	1100	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		

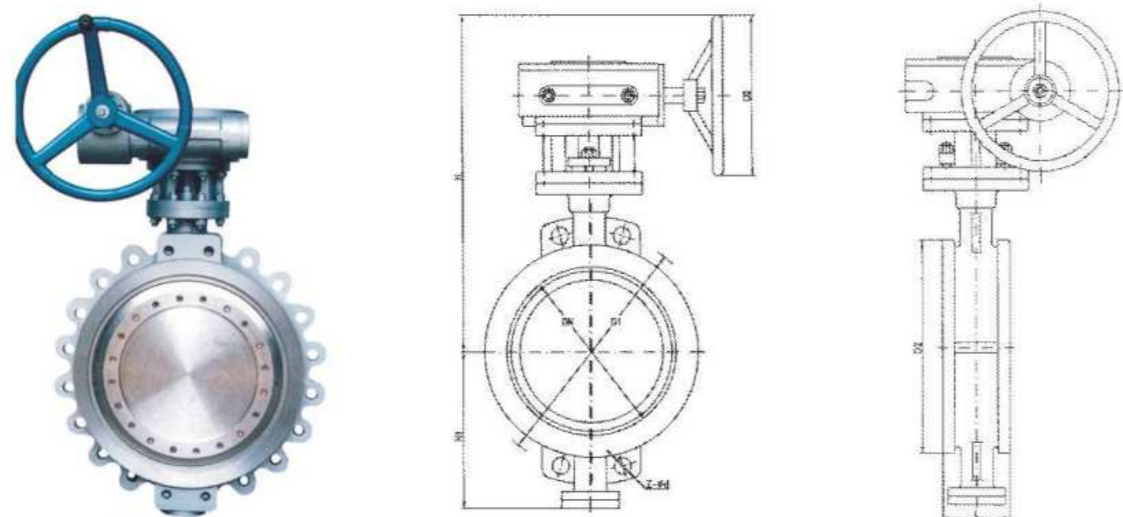


主要外形和连接尺寸 Main External and Connection Dimension

产品型号 Type	公称通径 DN	PN1.0/1.6/2.5MPa					
		L	W	W ₁	H	H ₁	F
100X-10 100X-16 100X-25	20	180	262	130	212	179	116
	25	180	262	130	212	179	116
	32	180	262	130	221	179	116
	40	240	280	139	165	210	170
	50	240	280	139	265	210	170
	65	250	284	141	310	215	180
	80	285	292	145	350	245	210
	100	360	330	164	460	305	275
	125	400	340	169	520	365	310
	150	455	350	174	570	415	355
	200	585	392	195	695	510	460
	250	650	442	220	780	560	500
	300	800	472	235	905	658	580
	350	860	532	265	1025	696	640
	400	960	582	290	1080	735	715
	450	1075	632	320	1030	610	780
	500	1075	682	350	1135	665	830
600	1230	762	390	1270	725	920	
700	1650	832	420	1460	865	980	
800	1750	932	470	1640	975	1050	

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

产品型号 Type	公称通径 DN	PN1.0/1.6/2.5MPa					
		L	W	W ₁	H	H ₁	F
200X-10 200X-16 200X-25	20	180	292	136	342	247	116
	25	180	292	136	342	247	116
	32	180	292	136	342	247	116
	40	240	330	155	395	278	170
	50	240	330	155	395	278	170
	65	250	350	165	405	298	180
	80	285	365	175	430	313	210
	100	360	410	195	510	350	275
	125	400	455	220	560	365	310
	150	455	475	230	585	420	355
	200	585	530	255	675	450	460
	250	650	623	300	730	470	500
	300	800	700	340	760	490	580
	350	860	840	415	840	526	640
	400	960	880	430	910	570	715
	450	1075	930	460	1030	610	780
	500	1075	980	490	1135	665	830
600	1230	1060	530	1270	725	920	
700	1650	1130	560	1460	865	980	
800	1750	1230	610	1640	975	1050	



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

压力级 Class	公称通径DN		L	D1	D2	Z-Φd	Do	H1	H		重量(kg)	
	in	mm							D43	D343	D43	D343
150	1 1/2	38	33	98.5	73	4-15	140	76	200	250	5	7
	2	51	43	120.5	92	4-19	140	85	208	260	6	8.5
	2 1/2	64	46	139.5	105	4-19	160	95	228	284	8.5	11
	3	76	49	152.5	127	4-19	160	110	256	322	11.5	15.5
	4	102	56	190.5	157	8-19	180	122	278	338	16	18.5
	5	127	64	216	183	8-22	180	138	298	372	20.5	22.5
	6	152	70	241.5	216	8-22	230	158	326	404	-	28
	8	203	71	298.5	270	8-22	230	188	-	496	-	50
	10	254	76	362	324	12-25	280	224	-	558	-	64
	12	305	83	432	381	12-25	310	254	-	632	-	80
	14	356	92	476	413	12-29	310	288	-	672	-	104
	16	406	102	540	470	16-29	310	320	-	714	-	137.5
18	457	114	578	533	16-32	380	350	-	768	-	177.5	
20	508	127	635	584	20-32	380	388	-	828	-	227	
24	610	154	749.5	692	20-35	450	404	-	952	-	306.5	
300	1 1/2	38	33	114.5	73	4-22	140	76	200	250	4.5	8.5
	2	51	43	127	92	8-19	140	85	208	260	6	9.5
	2 1/2	64	46	149	105	8-22	180	95	228	294	7	12
	3	76	49	168.5	127	8-22	180	110	256	332	9.5	17
	4	102	56	200	157	8-22	230	130	285	364	13	20
	5	127	64	235	186	8-22	230	148	308	396	18	24.5
	6	152	70	270	216	12-22	280	165	336	430	22.5	30.5
	8	203	71	330	270	12-25	280	198	-	522	-	54
	10	254	76	387.5	324	16-29	310	234	-	574	-	68
	12	305	83	451	381	16-32	380	266	-	668	-	86
	14	356	92	514.5	413	20-32	380	302	-	708	-	112
	16	406	102	571.5	470	20-35	380	338	-	750	-	148
18	457	114	628.5	533	24-35	450	365	-	804	-	190	
20	508	127	686	584	24-35	450	402	-	862	-	242	
24	610	154	813	692	24-41	560	448	-	1008	-	326	

水力控制阀系列 WATER CONTROL VALVES

主要特点

- ※水力自动调节
- ※组合式多功能设计
- ※流线型阀体设计
- ※强化启闭膜片
- ※可更换阀座及密封圈
- ※表面喷涂环氧树脂

CHIDF FEATURES

- ※WATER AUTOMATIC ADJUSTING
- ※ASSEMBLED MULTI-FUNCTION DESIGN
- ※STREAMLINE BODY DESIGN
- ※STRENGTHEN OPEN CLOSE DIAPHRAGM
- ※REPLACING SEAT AND SEAT UING
- ※SURFACE PAINTING WITH RESIN



产品规范 Product Specification

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
	CJ/T 3006	GB/T 12221	GB/T 9113	GB/T 13927	GB/T 12220	JB/T 7928

主要零部件材料 Main Part Material

零件名称 Part name	零部件材料 Part Material	
阀体、阀盖 Body, Bonnet	HT200	QT450-10
阀瓣 Disc	HT200+NBR	QT450+NBR
阀杆 Stem	2Cr13	2Cr13
隔膜 Daiphragm	NBR	NBR
阀座 Seat	2Cr13	2Cr13
适用温度 Suitable Temp.	-15~121℃	-30~121℃
适用介质 Suitable Medium	水、海水、污水、油品、纸浆等 Water, Sea Water, Sewage, Oil, Paper Pulp Etc.	

■ 概述 Outlined

ZJW型电动调节阀由DKJ角行程电动执行机构和蝶阀组成，它与电动单元结合仪表配合使用。具有结构简单、口径大、重量轻、操作方便等优点。广泛应用于冶金、电站、石油、化工等部门。

ZJW electric adjustment butterfly Valve angle from DKJ itinerary electric implementing agencies and butterfly valve components, it is the electrical unit to the combined use of a meter. A simple structure, large-caliber, light weight, easy to operate, and other advantages, Widely used in the metallurgical, power stations, oil and chemical sectors.



■ 规格与技术参数 Specifications and technical parameters

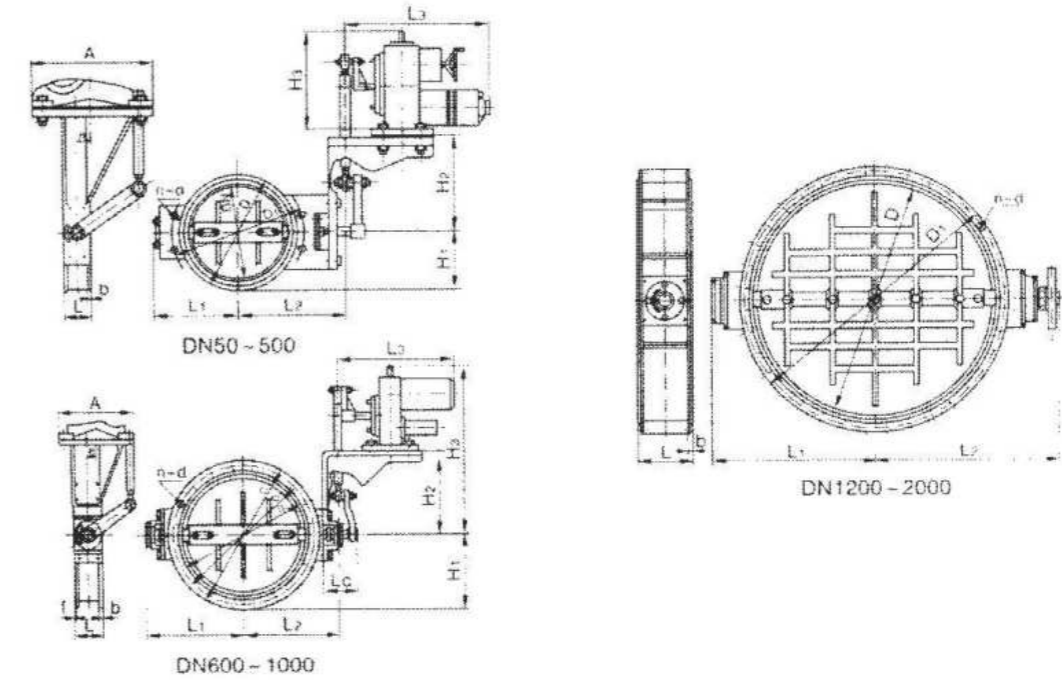
公称口径(mm) Nominal diameter	50	80	100	125	150	200	250	300	350	400	450	500	600	700	800	1000	1200	1400	1600	1800	1900	2000	
额定流量系数KV Rate flow coefficient	85	225	340	500	770	1360	2130	3060	4160	5450	6900	8500	12200	16600	21700	34000	49000	66800	87000	110000	123000	136000	
执行机构型号 Implementing agencies	DKJ																						
公称压力Mpa Nominal pressure	0.6																						
介质温度℃ Medium temperature	常温 room temperature -15~+200(铸铁 Cast Iron), -29~+250(铸钢 Casting) 中温 Temperature -40~+450(铸不锈钢 Cast stainless Steel)																						
转角范围 Corner area	平行阀板 0~70°, 倾斜阀板 0~60° Parallel valve plate 0~70°, tilt valve plate 0~60°																						
流量特性 Flow characteristics	近似百分比 Approximate percentages and so																						
接管法兰 Takeover Flange	按JB78中对夹式法兰连接 Accordinging JB78 in folder-type flange connections																						
动作时间S Action time	25																						
阀体材质 Valve material	HT200, 35WCB, 1Cr18Ni9, ZG1Cr18Ni9Ti, ZG1Cr18Ni12Mo2Ti, CF8, CF8M																						

■ 执行机构主要技术参数 The main technical parameters of executing agencies

型号 Model	DJK-110	DJK-210	DJK-310	DJK-410	DJK-510
输入信号 Input signals	DC-10mA, DC-20mA				
输入电阻Ω input resistance	200				
输出转角 Output corner	0-90				
输出力矩N.m Output torque	40	100	220V, 50HZ	600	1600
电源 Power	250				

■ 主要技术性能指标 The main technical performance indicators

项目 Item	指定值 Specified Value
基本误差% Basic Error	±8.0
回差% Back lash	≤6.0
死区% Dead Zone	≤5.0
额定行程偏差% Rated itinerary deviations	±4.0
允许泄漏量L/h Allow leakage	平等阀板: 2x10 ⁻³ x阀额定容量; 倾斜阀板: 5x10 ⁻³ x阀额定容量 Equality valve plate: 2x10 ⁻³ x valve rated capacity; Chung ramps valve plate: 5x10 ⁻³ x valve rated capacity



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

公称口径 Nominal diameter	D	D ₁	A	E	b	L	L ₁	L ₂	L ₃	H ₁	H ₂	H ₃	n-d	配执行机构 Allocation of implementing agencies
50		110	245	30		60	92	139	357	55	299	270	4-14	DKJ-210
80	125	150	245	30		60	92	139	357	62.5	299	270	4-18	DKJ-210
100	145	175	245	30	12	60	102	149	357	72.5	299	270	4-18	DKJ-210
125	175	200	245	30	12	60	117	168	357	87.5	299	270	8-18	DKJ-210
150	200	225	245	30	12	60	130	181	357	100	299	270	8-18	DKJ-210
200	255	280	245	30	12	70	172	221	357	127.5	299	270	8-18	DKJ-210
250	310	335	300	36	14	70	197	258	507	155	340	298	12-18	DKJ-310
300	362	395	300	36	14	80	227	283	507	181	340	298	12-23	DKJ-310
350	412	445	300	36	14	80	252	290	507	206	340	298	12-23	DKJ-310
400	462	495	365	45	16	100	296	348	529	231	400	381	16-23	DKJ-410
450	518	550	365	45	16	100	321	371	529	259	400	381	16-23	DKJ-410
500	558	600	365	45	16	100	346	396	529	284	400	381	16-23	DKJ-410
600	755	706	365	45	30	150	480	418	530	377.5	863	482	20-25	DKJ-410
700	860	810	365	45	32	150	530	531	530	430	863	482	24-25	DKJ-410
800	975	920	420	51	34	200	595	586	681	487.5	917	480	24-30	DKJ-510
1000	1175	1120	420	51	36	200	735	721	681	587.5	917	480	28-30	DKJ-510
1200	1400	1340		60	45	250	906	980					32-34	DKJ-610
1400	1575	1520		60	25	300	965	1012					36-30	DKJ-610
1600	1785	1730		60	25	350	1065	1112					40-30	DKJ-610
1800														DKJ-610
1900	2100	2020		60	25	350	1217	1315					44-30	DKJ-610
2000				60										DKJ-610

性能规范 Performance Specifications

用途及特点 Uses and Features

圆体百叶蝶阀与电动执行机构配套广泛应用于建材、冶金、矿山、电力等生产过程，能自动控制或手动控制调节管路中的介质流量之用。蝶瓣采用百叶式多轴结构，液体均匀，电传动，启闭力矩省力均匀，动作灵敏，性能可靠。

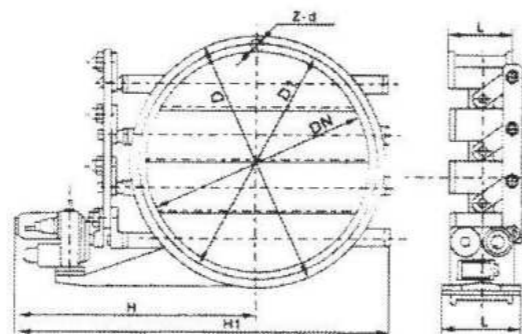
A round of multi-leaf butterfly valve with electrical implementing agencies supporting widely used in building materials,metallurgy,mining,and electric power production process ,can control or manual control regulation in the media pipeline flow purposes. Butterfly valve multi-multi-axle leaf structure, uniform liquid,electricity transmission, torque effort hoist uniform,movement sensitive and reliable performance.

阀体材料：碳钢、不锈钢

Valve materials:carbon steel,stainless steel

主要技术参数 The main technical parameters

公称压力 Nominal pressure	0.005MPa
适用温度 Application temperature °C	-30~350°C
适用介质 Applicable medium	粉尘、含尘气体 Dust,dust-laden air
泄露量 Leakage	≤3%
阀门启闭时间 Valves open and close time	25秒
输入信号(直流) Input signals(DC)	II型0~10mA;III型4~20mA
输入通道 Input channel	3个
输入电阻 input resistance	II型220Ω ; III型250Ω
电源电压 Power supply voltage	220V±20V; 50Hz
介质流速 Medium flow rate	≤25m/s



DBD-0.05连接尺寸 Connecting size

DN	D ₁	D	L	L ₁	H ₁	H	B	Z-D	轴数	执行器	Wt/kgs
500	555	600	220	300	900	1270	8	20-18	3	DK-310	594
600	655	700	220	300	950	1370	10	20-18	3	DK-310	629
700	755	800	240	300	1000	1470	10	20-18	3	DK-310	721
800	870	930	240	365	1120	1640	10	24-23	3	DK-410	813
900	970	1030	260	365	1170	1740	12	24-23	3	DK-410	905
1000	1070	1130	260	365	1220	1840	12	28-23	3	DK-410	1000
1120	1190	1250	280	420	1430	2110	12	28-23	4	DK-510	1080
1250	1320	1380	280	420	1495	2240	14	32-23	4	DK-510	1370
1400	1470	1530	300	420	1570	2390	14	36-23	4	DK-510	1566
1600	1670	1730	320	450	1745	2660	14	40-23	4	DK-610A	1951
1800	1870	1930	340	450	1845	2860	16	44-23	4	DK-610A	2340
2000	2070	2130	360	450	1945	3060	16	48-23	4	DK-610A	2730
2240	2310	2370	380	480	2095	3330	18	48-23	4	DK-610	3075
2500	2570	2630	420	480	2225	3590	18	52-23	5	DK-610	3634
2800	2870	2930	440	480	2375	3890	18	60-23	5	DK-610	4226
3000	3070	3130	460	480	2475	4090	18	60-23	5	DK-610	4735

性能规范 Performance Specifications

用途及特点 Uses and Features

电动百叶蝶阀配置与电动执行机构广泛应用于建材、冶金、矿山、电力等生产过程，能自动控制或手动控制调节管路中的介质流量。蝶板采用百叶式多轴体结构，流体均匀，启闭力小，动作灵敏，性能可靠。

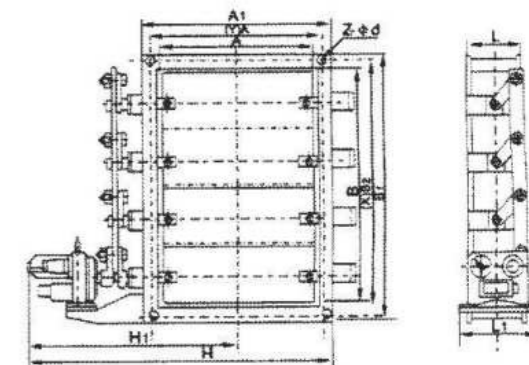
Electric Mult-leaf butterfly valve configuration electric implementing agencies widely used building materials,metallurgy,mining,and electric power production process ,can be controlled manually adjust automatic control of the media in the pipeline flow.Butterfly Plate multi-axial multi-leaf structure, fluid uniform hoist of smaller movements sensitive and reliable performance.

阀体材料：碳钢、不锈钢

Valve materials:carbon steel,stainless steel

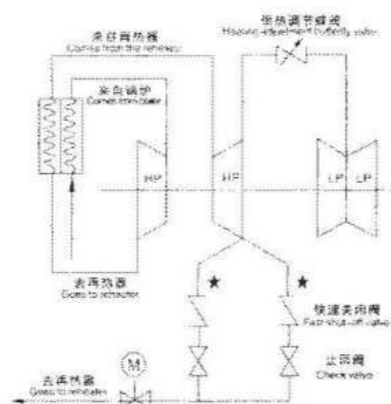
主要技术参数 The main technical parameter

公称压力 Nominal pressure	0.005MPa
适用温度 Application temperature °C	-30~350°C
适用介质 Applicable medium	粉尘、含尘气体 Dust,dust-laden air
泄露量 Leakage	≤3%
阀门启闭时间 Valves open and close time	25秒 Seconds
输入信号(直流) Input signals(DC)	II型0~10mA;III型4~20mA
输入通道 Input channel	3个
输入电阻 input resistance	II型220Ω ; III型250Ω
电源电压 Power supply voltage	220V±20V; 50Hz
介质流速 Medium flow rate	≤25m/s



FDBD-0.05连接尺寸 Connecting size

AXB	A ₁ XB ₁	A ₂ XB ₂	L	L ₁	H ₁	H	b	z-Φd	X	Y	轴线 Axis	执行器 Actuator	Wt/kgs
320X180	375X105	400X240	180	245	580	735	8	16-14	5	3	2	DKJ-210	85
320X250	375X295	400X330	180	245	625	825	8	16-14	5	3	2	DKJ-210	110
400X200	455X255	500X330	200	245	610	805	8	16-18	5	3	2	DKJ-210	130
400X320	455X375	500X420	200	245	870	915	8	16-18	5	3	2	DKJ-210	155
500X200	555X255	600X300	220	245	610	805	8	16-18	5	3	3	DKJ-210	180
500X400	555X455	600X500	220	245	670	915	8	20-18	5	5	3	DKJ-210	201
630X320	685X375	730X420	220	245	610	805	10	20-18	7	3	3	DKJ-210	222
630X400	685X455	730X500	220	245	710	995	10	24-18	7	5	3	DKJ-210	240
800X400	855X455	900X500	240	300	670	945	10	24-18	7	5	4	DKJ-310	320
800X630	855X685	900X730	240	300	710	995	10	28-18	7	7	4	DKJ-310	366
1000X500	1070X570	1130X830	260	300	790	1075	10	24-23	7	5	4	DKJ-310	480
1000X800	1070X870	1130X930	260	300	905	1270	10	28-23	7	7	4	DKJ-310	565
1250X630	1320X700	1380X760	280	300	1005	1505	10	32-23	9	7	5	DKJ-310	620
1250X1000	1320X1070	1380X1130	280	300	1105	1705	10	32-23	9	7	5	DKJ-310	710
1400X800	1470X870	1530X930	300	385	1075	1575	10	36-23	11	7	5	DKJ-410	820
1400X1250	1470X1320	1530X1380	300	385	1300	2025	10	40-23	11	9	5	DKJ-410	970
1600X1000	1670X1070	1730X1130	320	385	1175	1775	10	36-23	11	7	5	DKJ-410	1030
1600X1250	1670X1320	1730X1380	320	385	1300	2025	10	40-23	11	9	5	DKJ-410	1100
1800X1250	1870X1320	1930X1380	340	420	1450	2175	10	44-23	13	9	6	DKJ-510	1240
1800X1400	1870X1470	1930X1530	340	420	1525	2325	10	48-23	13	11	6	DKJ-510	1350
2000X1250	2070X1320	2130X1380	360	420	1450	2175	10	48-23	15	9	6	DKJ-510	1540
2000X1800	2070X1670	2130X1730	360	420	1620	2520	12	52-23	15	11	6	DKJ-510	1795
2500X1800	2570X1870	2630X1730	420	450	1695	2595	12	56-23	17	11	8	DKJ-610A	1980
2500X2000	2570X2070	2630X2130	420	450	1895	2995	12	64-23	17	15	8	DKJ-610A	2200
2800X2500	2870X2570	2930X2630	440	450	2145	3195	12	72-23	19	17	8	DKJ-610	2880
3200X2800	3270X2870	3330X2930	480	480	2325	3825	12	80-23	21	19	10	DKJ-610	3300
3600X3200	3670X3270	3730X3330	520	480	2525	4225	12	88-23	23	21	10	DKJ-610	4018
4000X3600	4070X4670	4130X4730	560	480	2725	4825	12	100-23	27	23	10	DKJ-610	4532



安装位置示意图
Installs the position schematic drawing

产品简述 Product Instruction

液控快速关闭阀主要安装于汽轮机油汽管路、高炉煤气余压发电装置 (TRT) 进气管路等高安全等级系统, 作紧急切断阀用; 在系统出现危机工况时, 在0.3~0.8秒钟内实施紧急关闭, 实现管路的可靠截止, 有效防止汽车尾部蒸汽和冷凝水倒灌或切断煤气管路, 保护透平机组的安全。

Fluid controls the fast shut-off valve main installment to pull out the steam pipeline, the blast furnace coal gas to the steam turbine-odd presses the electric power facility (TRT) to let in air the pipeline contour security rank system, does urgently shuts off the valve to use; Has the crisis operating mode when the system, implements in the 0.3~0.8 second urgently closes the valve, realizes the pipeline reliable closure, effectively prevented the steam engine rear part steam and the condensed water but actually fill or shuts off the coal gas pipeline, protects the turbine unit the security.

型号说明 Model explanation

※ D 7 4 3 H- ※ ※

- 阀门材料: C碳钢 P不锈钢 R铬镍钼钛钢
Valve material: C carbon steel P stainless steel R chromium nickel molybdenum titanium steel
- 公称压力: 单位(kg/cm²)
Nominal pressure: Unit(kg/cm²)
- 密封材料: H不锈钢 W本体不锈钢
Packing material: H stainless steel W main body stainless steel
- 结构形式: 三偏心结构
Structural style: Three eccentric structures
- 连接方式: 法兰连接
Connection way: Flange connection
- 驱动方式: 液压控制
Drive type: Hydraulic control
- 产品类型: 蝶阀
Product category: butterfly valve
- 功能特点: YK弹簧蓄能快关
Function characteristic: YK spring gathers can quickly close
- YXK蓄能器蓄能快关
YXK accumulator gathers can quickly close

结构及特点 Structure and characteristic

液控快速关闭阀由主阀、齿轮条油缸传动装置、液压系统、电气控制系统四大部分组成, 各部分高度集成为一个整体, 结构紧凑, 大大节省占地面积。

采用三偏心金属密封蝶阀, 在传统的双偏心结构基础上配置独特的铁偏心设计, 充分利用凸轮效应, 使阀门启闭时密封副瞬时接触, 瞬时脱离, 消除摩擦和卡挤, 磨损小, 耐高温, 启闭轻松, 密封可靠。

Fluid controls the fast shut-off valve by the main valve, the gear rack cylinder transmission device, the hydraulic system, the electricity control system four major part is composed. Each part of high integrations are a whole, the structure are compact, greatly has saved the space.

Uses three eccentric metals seals butterfly valve, disposes the unique angle bias design in the traditional double eccentric structure foundation, fully uses the cam effect, causes the valve opens shuts when to seal the vice-momentary contact, the instant in separated from, eliminates the friction and the card crowds, wears slightly, thermostable, opens shuts with ease, the seal is reliable.

使用与维护 Uses and maintains

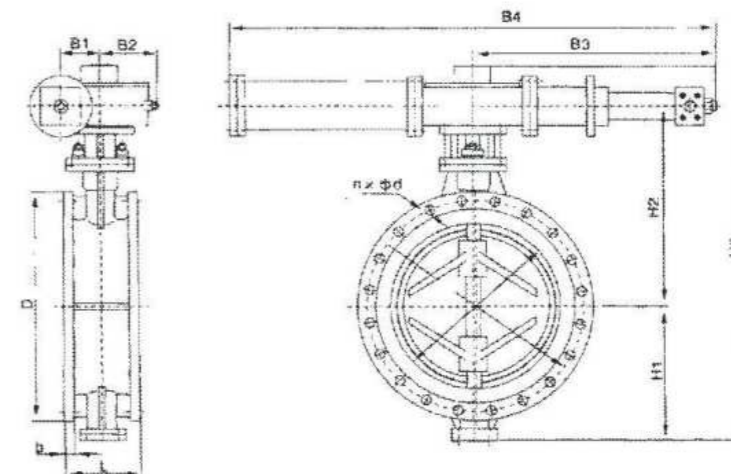
- 1、出厂时各部分都已根据用户要求调节设定好, 一般不得随意调节改动。
- 2、设备需在提供电源条件下工作, 且要求稳定可靠。
- 3、由于本系统控制阀组成采用了众多螺纹插装阀, 需特别注意油液的清洁度, 建议每三个月旁路过滤油一次。
- 4、根据使用工况, 24小时连续工作制, 每半年必须更换油液一次, 且需同时更换高压滤芯; 8小时断工作制可按累计使用2400小时后更换一次, 同时更换高压滤芯。系统发出油液污染报警信号时, 必须更换高压滤芯, 同时说明油液清洁度不好。
- 5、定期检查油箱液位高度。第一次加油建议加至满液位计, 正常工作状态下油位要求满足在液位计1/2以上高度位置, 低于1/3高度时必须加油。
- 6、每月应定期检查蓄能器内气体压力, 正常充气压在100Bar, 低于90Bar时需充气。
- 7、液压装置投入运行后, 需经常到工作现场观察运行情况, 看是否有指示故障、漏油等异常现象发生, 如有需及时处理。
- 8、定期进行游动试验, 以防止阀门卡阻。

- 1、Leaves the plant when each part has all established according to user request adjustment, generally does not have to adjust the modification at will.
- 2、Equipment must in provide under the power source condition to work, also the request stable is reliable.
- 3、Because this system control valve group used the multitudinous thread to insert installs the valve, had specially to pay attention to the fat liquor clear fineness, suggested every three months by pass filter oil.
- 4、Basis uses the operating mode, 24 hour continuous working system, every half year must replace fat liquor, also must simultaneously replace the high-pressure a filter element; 8 hour interrupted work system may use for 2400 hours after accumulation to replace a time, simultaneously replaces the high-pressured filter element. When the system sends out the fat liquor pollude alarm, also must replace the high-pressured filter element, simultaneously explained fat liquor clear fineness is not good.
- 5、Periodic inspection fuel tank fluid position a litude. First time refuels the suggestion to add to add to the full liquidometer, under normal work condition the oil level request satisfies when the liquidometer 1/2 above highly position, the bottom 1/3 highly must refuel.
- 6、Each month should in the periodic inspection accumulator the gas pressure, the normal inflation pressure when 100Bar, the bottom to 90Bar must gasify.
- 7、Hydraulic unit investment movement, must frequently arrive the job site observation movement situation, loaded whether has the instruction breakdown, the oil leak and so on the abnormal phenomenon occurrence, if has needs prompt processing.
- 8、Regularly carries on hovers the experiment, prevents the valve card anti.

运输与安装 Transportation and installment

- 1、运输要求包装可靠, 且有防尘防雨设施, 吊装过程中应注意缓慢、平稳、轻放, 避免因强烈撞击振荡而导致零部件受损。
- 2、设备长时间不用应放掉油液和氮气, 而且注意防尘防雨。
- 3、按照阀体上标示管道压力方向安装阀门。
- 4、液压装置可采用与阀体整体式安装, 通过油缸出轴端面直接到阀体上, 要求牢固可靠。但油箱底部必须有支撑。
- 5、禁止露天存放。
- 1、Movement requirement packing is reliable, Also has the dustproof rainproof facility, the hoisting process should pay attention slowly, is steady, lightly puts, avoids because intensely hitting the vibration to cause the spare part to suffer injury.
- 2、Equipment long time does not need to be supposed to bleed off the fat liquor and the nitrogen, also attention dustproof rainproof.
- 3、Indicates the pipeline pressure direction according to the valve body on to install valve.
- 4、Hydraulic unit may use with the valve body integral type installment, leaves the axis end surface through the cylinder directly to the valve body on, the request reliable is reliable. But the ruel tank base must have the strut.
- 5、Prohibition open-air depositing.

YKD743H型主要外形尺寸图 Main contour dimensional drawing.



■ 用途及特点 Uses and Features

本蝶阀采用与阀体相同材料加工成密封圈，采用电动或气动传动。其适用温度随阀全选材料而定，公称压力≤0.6MPa，一般适用于工业、冶金、环保等管道作通风调节介质流量之用。其主要特点为：

1. 设计新颖、合理、结构独特，重量轻，启闭迅速。
2. 力矩小、操作方便，省力灵巧。
3. 采用适应的材料以满足低、中、高不同介质温度及其腐蚀性介质等。

This butterfly valve and the valve using the same materials processed into ring. Using electric or pneumatic drive. Its application temperature with valve for the entire election material, nominal pressure ≤ 0.6MPa generally applies to industry, metallurgy, environmental protection and other media channels for ventilation flow conditioning purposes. Its main features are:

1. a new layout and design, reasonable, unique structure, light weight, open and close rapidly.
2. torque small, convenient operation, effort dexterous.
3. adapt to the material used to meet low, medium and high temperature of its different media. Such as media and corrosive.

■ 采用标准 Uses and Features

- 设计标准: GB/T12238-1989
法兰连接尺寸: GB/T9113
结构长度: GB/T12221-1989
压力试验: GB/T13927-92, JB/T9092-1999

■ Uses and Features

- Design Standards: GB/T12238-1989
Flange connections Dimensions: GB/T9113
The length of the structure: GB/T12221-1989
Pressure test: GB/T13927-92, JB/T9092-1999

■ 主要性能规范 Main Property Specification

公称通径 Nominal Diameter	DN(mm)	50~4000			
公称压力 Nominal Pressure	PN(MPa)	0.05	0.10	0.25	0.6
试验压力 Test Pressure	强度试验 Strength test	0.075	0.15	0.375	0.9
	密封试验 Seal Test	0.055	0.11	0.275	0.66
适用介质 Applicable medium	煤气、含尘气体、烟道气等 Gas, dust-laden air, such as flue gas				
驱动形式 Drivers form	手动、蜗轮、气动、电动传动 Manual, the worm gear, pneumatic, electric transmission				

■ 主要零件材料 Material for main parts

零件名称 Parts Name	材料Material
阀体 Valve	Q235A、16锰刚、不锈钢；Q235A, 16Mng steel, stainless steel
蝶板 Butterfly Plate	
密封圈 Seal	
阀杆 Stem	2Cr13、不锈钢；2Cr13, stainless steel
填料 Filler	柔性石墨 Flexible Graphite



■ 主要性能参数 Main performance parameter

公称压力 Nominal pressure	1、0.10MPa
强度试验压力 Strength test pressure	15、0.15MPa
允许介质流速 Allowable medium velocity of flow	≤25m/s
适用温度 Suitable temperature	≤300℃、≤420℃、≤600℃
泄露量 Leakage	≤1.5%
适用介质 Suitable medium	空气、含尘烟气等 Air, contain dust and smoke
传动方式 Drive mode	手动、蜗轮传动、电动、气动 Manual, worm wheel actuator, electric, aerodynamic

■ 用途及特点 Uses and Features

本系列风道调节蝶阀广泛适用于电站、冶金、矿山、水泥等行业的采暖通风和环境保护等系统的气体管道中，作调节介质流量之用。

1. 根据工况特点，可选用耐磨材质，阀门耐磨性好。
2. 调节性能优良，在0~90°任意位置可以自锁。
3. 全部采用钢板焊接结构，重量轻，易安装。
4. 备有多种传动装置供用户选择。

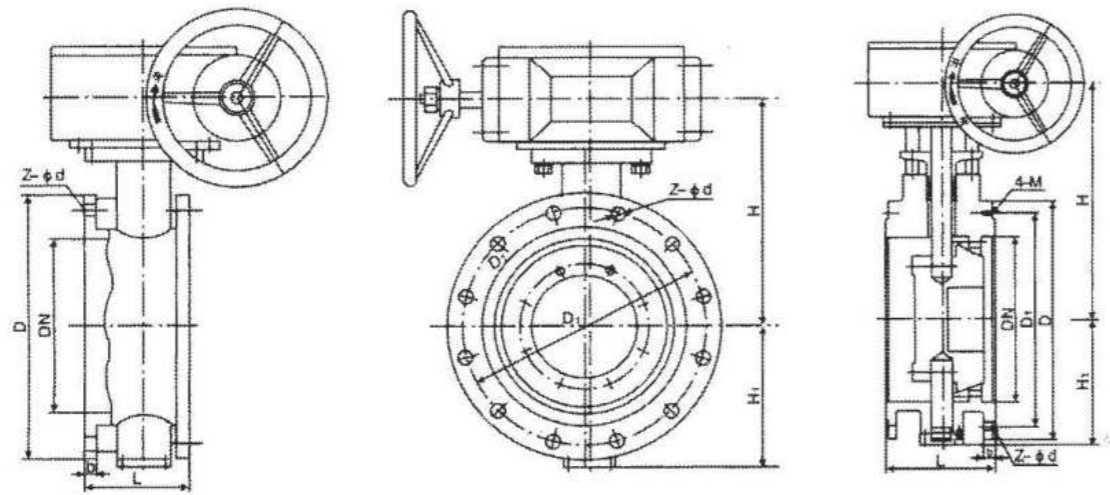
The series of regular butterfly valves has been widely used in heating ventilation and environmental protection system gas pipes of power station, metallurgy, mine, cement etc for adjusting capacity of medium.

1. According to working status user can select wear resisting material.
2. Fine adjustment performance, can self-lock at random position at angle 0~90°.
3. Completely utilize armor plate welding structure, light and easy to install.
4. Equip with several gearings for user to select.

D41W-1C、D341W-1C、D641W-1C、D941W-1C

连接尺寸 Connect Dimensions

通径DN(mm) Diameter	主要尺寸Main dimensions					参考重量 (kg) Reference weight		
	L	D	D ₁	Z-Φd	b	D ₄₁	D ₃₄₁	D ₉₄₁
100	120	210	170	4-Φ18	14	10	15	55
125	120	240	200	8-Φ18	14	14	21	68
150	120	265	225	8-Φ18	14	20	28	82
200	140	320	280	8-Φ18	16	32	40	96
250	140	375	335	12-Φ18	16	45	55	112
300	170	440	395	12-Φ22	16	61	74	125
350	170	490	445	12-Φ22	16	74	85	146
400	190	540	495	16-Φ22	16	80	95	167
450	190	595	550	16-Φ22	16	88	105	190
500	190	645	660	20-Φ22	18	105	125	235
600	210	755	705	20-Φ26	20		180	285
700	210	860	810	24-Φ26	20		208	376
800	210	975	920	24-Φ30	20		242	460
900	250	1075	1020	24-Φ30	20		296	580
1000	250	1175	1120	28-Φ30	20		430	760
1100	250	1275	1220	38-Φ30	20		630	910
1200	250	1375	1320	32-Φ30	20		840	1210
1400	300	1575	1520	36-Φ30	20		1200	1460
1600	300	1790	1730	40-Φ30	24		1460	1710
1800	300	1990	1930	44-Φ30	24		1800	2200
2000	300	2190	2130	48-Φ30	24		2500	2950
2100	300	2305	2240	52-Φ33	24		3000	3600
2200	350	2405	2340	52-Φ33	24		4100	4500
2400	350	2605	2540	56-Φ33	30		4800	5200
2600	350	2805	2740	60-Φ33	30		5400	5900
2800	400	3030	2960	64-Φ36	30		6200	6600
3000	400	3230	3160	68-Φ36	30		7300	8400



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

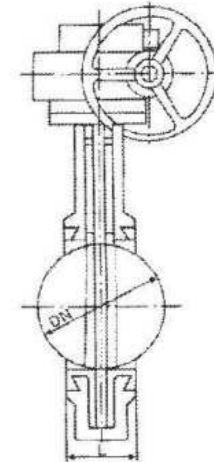
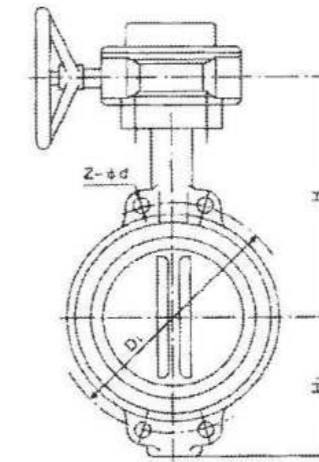
单位Unit:mm

产品型号 Type	公称 口径 DN	L	PN1.0MPa				H	H ₁	WT (kg)
			D	D ₁	b	z-Φd			
F504-10	100	127	229	180	24	8-Φ17.5	225	120	31
	125	127	254	210	24	4-Φ18	240	130	37
	150	127	279	240	26	4-Φ18	260	140	43
	200	152	343	295	26	8-Φ22	290	175	64
	250	203	406	350	28	12-Φ22	340	205	113
	300	203	483	400	28	12-Φ22	360	245	142
	350	203	533	460	30	16-Φ22	400	270	171
	400	203	597	515	32	16-Φ26	432	300	225
	450	203	635	565	32	16-Φ26	475	320	258
	500	203	699	620	34	16-Φ26	560	360	314
600	203	813	725	36	16-Φ30	680	410	396	

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

单位Unit:mm

产品型号 Type	公称 口径 DN	L	PN1.0MPa				H	H ₁	WT (kg)
			D	D ₁	b	z-Φd			
F47-10	700	305	895	840	40	20-Φ30	710	474	590
	800	305	1015	950	44	20-Φ33	750	534	670
	900	305	1115	1050	46	24-Φ33	820	584	1120
	1000	305	1230	1160	50	24-Φ36	930	642	1390
	1200	380	1455	1380	56	28-Φ39	1050	754	1750
	1400	380	1675	1590	62	32-Φ42	1220	890	2840
	1600	380	1915	1820	68	36-Φ48	1330	1014	4130



用途及特点 Uses and Features

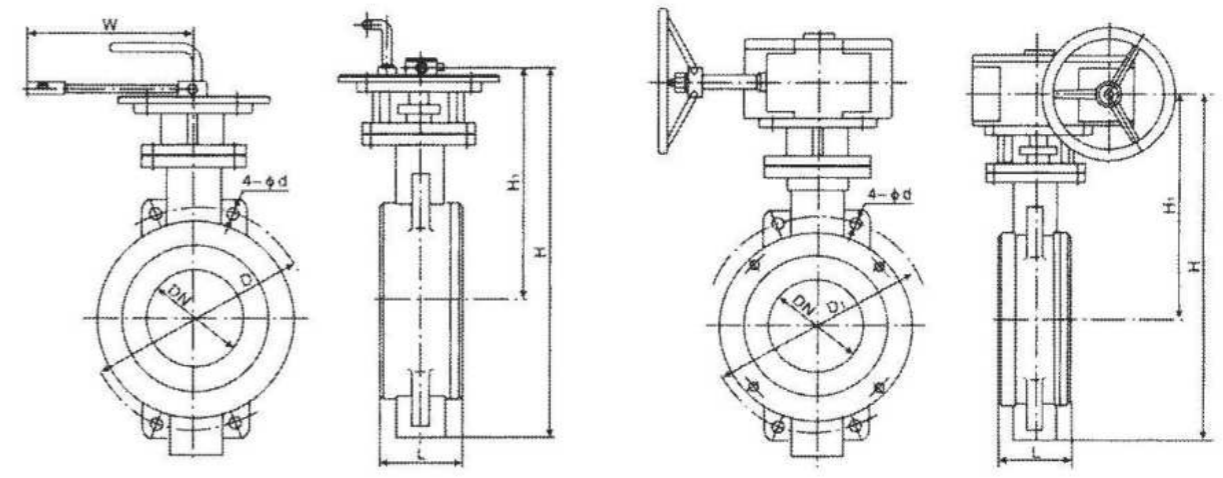
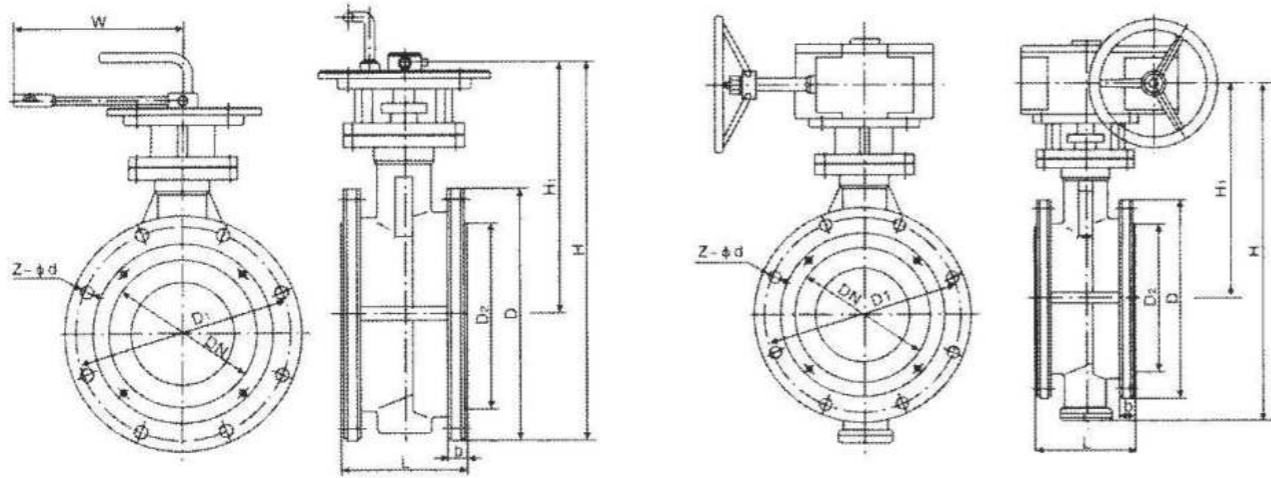
信号蝶阀其设计采用偏心蝶阀板,轴端设置凸轮机构与开关信号接触,能有效提供阀门开启与关闭的信号,并能输出连接声光设施,提供声与光的信号,一般用于为消防设施配套使用。

Signal butterfly valve designed by eccentric butterfly valve plates, cam shaft end set up contact with the switching signals, can provide effective valve opening and closing signals, and can output connector acousto-optic facilities, sound and light signals for the general as used by the Fire Services facilities.

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

单位Unit:mm

产品型号 Type	公称 口径 DN	L	D	PN1.0MPa			PN1.0MPa			H	H ₁	WT (kg)
				D ₁	b	z-Φd	D ₁	b	z-Φd			
XD71X-10 XD71X-16 XD71X-16C XD371X-10 XD371X-16 XD371X-16C	50	43	160	125	20	4-Φ18	125	20	4-Φ18	160	80	7.5
	65	46	180	145	20	4-Φ18	145	20	4-Φ18	175	88	8.5
	80	46	195	160	22	4-Φ18	160	22	4-Φ18	180	96	9
	100	52	215	180	22	8-Φ18	180	24	8-Φ18	200	115	11
	125	56	245	210	24	8-Φ18	210	26	8-Φ18	213	128	12
	150	56	280	240	24	8-Φ23	240	28	8-Φ23	225	140	15
	200	60	335	295	26	8-Φ23	295	30	12-Φ23	260	175	32
	250	68	390	350	28	12-Φ23	355	32	12-Φ25	290	202	40
	300	78	440	400	28	12-Φ23	410	34	12-Φ25	330	242	52
	350	78	500	460	30	16-Φ23	470	38	16-Φ25	415	308	82
400	102	565	515	32	16-Φ25	525	40	16-Φ30	460	348	107	



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

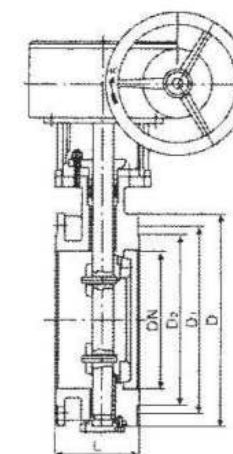
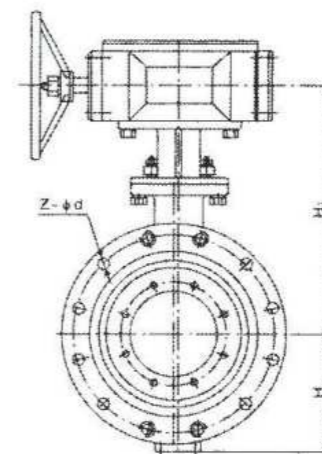
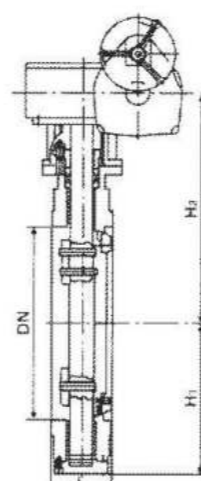
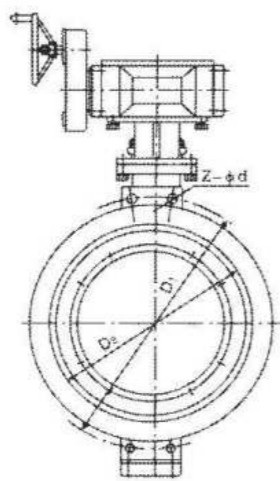
单位Unit:mm

产品型号 Type	公称 口径 DN	L	PN1.0MPa				PN1.6MPa				H	H ₁	WT (kg)
			D	D ₁	b	z-φd	D	D ₁	b	z-φd			
D43F-10C D43F-16C D343F-10C D343F-16C	50	108	160	125	100	4-φ18	165	125	99	4-φ18	350	265	15
	65	112	180	145	120	4-φ18	185	145	118	4-φ18	365	275	17
	80	114	195	160	135	4-φ18	200	160	132	8-φ18	380	280	20
	100	127	215	180	155	8-φ18	220	180	156	8-φ18	425	300	25
	125	140	245	210	185	8-φ18	250	210	184	8-φ18	450	315	34
	150	140	280	240	210	8-φ23	285	240	211	8-φ22	470	325	46
	200	152	335	295	265	8-φ23	340	295	266	12-φ22	595	395	65
	250	165	390	350	320	12-φ23	405	355	319	12-φ26	620	420	80
	300	178	440	400	368	12-φ23	460	410	370	12-φ26	750	500	120
	350	190	500	460	428	16-φ23	520	470	429	16-φ26	800	530	165
D43F-10P D343F-16P D643F-10P D943F-16P	400	216	565	515	452	16-φ25	580	525	480	16-φ30	870	570	225
	450	222	615	565	532	20-φ25	640	585	548	20-φ30	920	600	300
	500	229	670	620	585	20-φ25	715	650	609	20-φ33	1040	680	360
D43F-10R D343F-16R D643F-10R D943F-16R	600	267	780	725	685	20-φ30	840	770	720	20-φ36	1170	750	500
	700	292	895	840	800	24-φ30	910	840	794	24-φ36	1290	810	620
	800	318	1010	950	905	24-φ34	1025	950	901	24-φ39	1440	905	1020
	900	330	1110	1050	1005	28-φ34	1125	1050	1001	28-φ39	1550	930	1350
	1000	410	1220	1160	1115	28-φ34	1255	1170	1112	28-φ42	1650	1010	1600
	1200	470	1450	1380	1325	32-φ41	1485	1390	1328	32-φ54	2200	1329	2100

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

单位Unit:mm

产品型号 Type	公称 口径 DN	L	PN1.0MPa				PN1.6MPa				H	H ₁	WT (kg)
			D	D ₁	b	z-φd	D	D ₁	b	z-φd			
D73F-10C D73F-16C D373F-10C D373F-16C	50	43	160	125	100	4-φ18	165	125	99	4-φ18	340	255	8
	65	46	180	145	120	4-φ18	185	145	118	4-φ18	370	280	11.5
	80	49	195	160	135	4-φ18	200	160	132	8-φ18	385	285	15
	100	56	215	180	155	8-φ18	220	180	156	8-φ18	430	310	19
	125	64	245	210	185	8-φ18	250	210	184	8-φ18	440	310	25
	150	70	280	240	210	8-φ23	285	240	211	8-φ23	475	315	30
	200	71	335	295	265	8-φ23	340	295	266	8-φ23	590	380	40
	250	76	390	350	320	12-φ23	405	355	319	12-φ23	710	460	55
	300	83	440	400	368	12-φ23	460	410	370	12-φ23	725	475	80
	350	92	500	460	428	16-φ23	520	470	429	16-φ23	830	510	117
D73F-10P D373F-16P D673F-10P D973F-16P	400	102	565	515	452	16-φ25	580	525	480	16-φ25	900	550	165
	450	114	615	565	532	20-φ25	640	585	548	20-φ25	970	590	200
	500	127	670	620	585	20-φ25	715	650	609	20-φ25	1030	610	265
D73F-10R D373F-16R D673F-10R D973F-16R	600	154	780	725	685	20-φ30	840	770	720	20-φ30	1150	660	415
	700	165	895	840	800	24-φ30	910	840	794	24-φ30	1220	730	500
	800	190	1010	950	905	24-φ34	1025	950	901	24-φ34	1300	810	640
	900	203	1110	1050	1005	28-φ34	1125	1050	1001	28-φ34	1480	930	750
	1000	216	1220	1160	1115	28-φ34	1255	1170	1112	28-φ34	1600	1020	950
	1200	254	1450	1380	1325	32-φ41	1485	1390	1328	32-φ41	1902	1050	1400



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

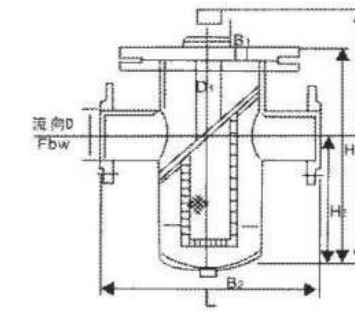
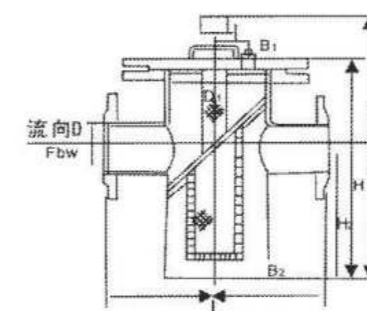
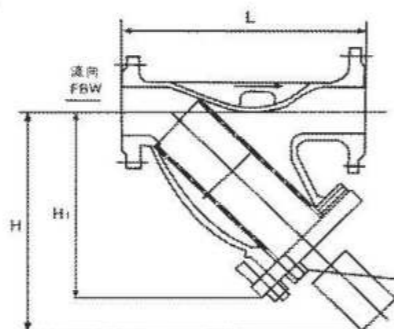
单位Unit:mm

产品型号 Type	公称通径 DN	L	PN1.0MPa		PN1.6MPa		PN2.5MPa		H ₁	H ₂	WT (kg)
			D ₁	z-φd	D ₁	z-φd	D ₁	z-φd			
D373H-10C D373H-16C D373H-25	100	64	180	8-φ18	180	8-φ18	190	8-φ22	110	330	19
	125	70	210	8-φ18	210	8-φ18	220	8-φ26	120	345	30
	150	76	240	8-φ23	240	8-φ22	250	8-φ6	160	370	35
	200	89	295	8-φ23	295	12-φ22	310	12-φ26	215	410	50
	250	114	350	12-φ23	355	12-φ26	370	12-φ30	260	430	60
	300	114	400	12-φ23	410	12-φ26	430	16-φ30	300	500	85
D673H-10C D673H-16C D673H-25	350	127	460	16-φ23	470	16-φ26	490	16-φ33	320	510	130
	400	140	515	16-φ25	525	16-φ30	550	16-φ36	330	520	150
D973H-10C D973H-16C D973H-25	450	152	565	20-φ25	585	20-φ30	600	20-φ36	380	590	200
	500	152	620	20-φ25	650	20-φ33	660	20-φ36	390	610	265
D373H-16R D673H-16R D973H-16R	600	178	725	20-φ30	770	20-φ36	770	20-φ39	450	665	415
	700	229	840	24-φ30	840	24-φ36	875	24-φ42	480	730	590
D373H-25R D673H-25R D973H-25R	800	241	950	24-φ34	950	24-φ39	990	24-φ48	580	910	750
	900	241	1050	28-φ34	1050	28-φ39	1090	28-φ48	625	930	880
	1000	300	1160	28-φ34	1170	28-φ42	1210	28-φ56	660	1000	1100
	1200	350	1380	32-φ41	1390	32-φ48	1420	32-φ56	780	1100	1600
	1400	390	1590	36-φ48	1590	36-φ48	1640	36-φ62	880	1220	2800
	1600	440	1820	40-φ54	1820	40-φ56	1860	40-φ62	990	1330	4000
	1800	490	2020	44-φ54	2020	44-φ56	2070	44-φ70	1090	1430	4900
	2000	540	2230	48-φ54	2230	48-φ62	2300	48-φ70	1200	1540	5850

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

单位Unit:mm

产品型号 Type	公称通径 DN	L	PN1.0MPa				PN1.6MPa				PN2.5MPa				H	H ₁	WT (kg)
			D	D ₁	b	z-φd	D	D ₁	b	z-φd	D	D ₁	b	z-φd			
D343H-10C D343H-16C D343H-25	100	127	215	180	155	8-φ18	220	180	156	8-φ18	235	190	156	8-φ22	285	107	30
	125	140	245	210	185	8-φ18	250	210	184	8-φ18	270	220	184	8-φ26	300	123	35
	150	140	280	240	210	8-φ23	285	240	211	8-φ22	300	250	211	8-φ26	320	140	50
	200	152	335	295	265	8-φ23	340	295	266	12-φ22	360	310	274	12-φ26	370	180	130
	250	165	390	350	320	12-φ23	405	355	319	12-φ26	425	370	330	12-φ30	420	200	150
	300	178	440	400	368	12-φ23	460	410	370	12-φ26	485	430	389	16-φ30	500	250	270
D643H-10C D643H-16C D643H-25	350	190	500	460	425	16-φ23	520	470	429	16-φ26	555	490	448	16-φ33	530	270	325
	400	216	565	515	482	16-φ25	580	525	480	16-φ30	620	550	503	16-φ36	570	300	405
D943H-10C D943H-16C D943H-25	450	222	615	565	532	20-φ25	640	585	548	20-φ30	670	600	548	20-φ36	600	320	490
	500	229	670	620	585	20-φ25	715	650	609	20-φ33	730	660	609	20-φ36	680	360	700
D343H-16R D643H-16R D943H-16R	600	267	780	725	685	20-φ30	840	770	720	20-φ36	845	770	720	20-φ39	750	420	855
	700	292	895	840	800	24-φ30	910	840	794	24-φ36	960	875	820	24-φ42	810	480	1150
D343H-25R D643H-25R D943H-25R	800	318	1010	950	905	24-φ34	1025	950	901	24-φ39	1085	990	928	24-φ48	905	540	1370
	900	330	1110	1050	1005	28-φ34	1125	1050	1001	24-φ39	1185	1090	1028	28-φ48	960	590	1520
	1000	410	1220	1160	1115	28-φ34	1255	1170	1112	28-φ42	1320	1210	1140	28-φ56	1010	640	1700
	1200	470	1450	1380	1325	32-φ41	1485	1390	1328	32-φ48	1530	1420	1350	32-φ56	1175	750	2260
	1400	530	1675	1590	1525	36-φ48	1685	1590	1530	36-φ48	1755	1640	1560	36-φ62	1310	860	2610
	1600	600	1915	1820	1750	40-φ54	1930	1820	1750	40-φ56	1975	1860	1780	40-φ62	1460	980	3050
	1800	670	2115	2020	1950	44-φ54	2130	2020	1950	44-φ56	2195	2070	1985	44-φ70	1560	1090	3700
	2000	760	2325	2230	2160	48-φ54	2345	2230	2150	48-φ62	2425	2300	2210	48-φ70	1670	1190	5000



■ 技术参数 Technical Parameters

壳体材质 Shell material	碳钢 黄铜 Carbon steel brass	不锈钢 Stainless steel
滤框滤网材质 Filter box filter material	不锈钢 Stainless steel	
密封件材质 Seal material	耐油石棉、丁腈橡胶、聚四氟乙烯 Oil resistance asbestos, NBR, PTFE	
工作温度(°C) Working temperature	-30~380	-80~450
连接形式 Connection form	法兰连接、对焊连接、螺纹连接 Flanged, welded connections, threaded connection	
公称压力(MPa) Nominal pressure	0.6~5.0	
过滤精度(目/in) Filtration accuracy	10~300	

■ 主要尺寸 Main Dimensions

DN	L	H	H ₁	有效过滤面积 Effective filtration area m ²
15	145	70	150	0.00185
20	150	70	150	0.00281
25	155	80	160	0.00343
32	180	90	180	0.00486
40	200	100	240	0.00767
50	220	130	250	0.01160
65	250	165	350	0.02111
80	280	195	390	0.03029
100	320	230	450	0.04063
125	370	300	520	0.05589
150	430	335	580	0.07709
200	495	420	690	0.11967
250	550	500	800	0.19155
300	640	580	950	0.26738
350	700	640	1150	0.32535
400	800	700	1360	0.40946
450	850	790	1480	0.52837
500	900	875	1650	0.65385

注：如有变更不另行通知 Subject to change without notice

■ SRBA、SB14型法兰连接直通平底篮式过滤器 Flange connection through flat bottom basket type filter

壳体材质 Shell material	碳钢 黄铜 Carbon steel brass	不锈钢 Stainless steel
滤框滤网材质 Filter box filter material	不锈钢 Stainless steel	
密封件材质 Seal material	耐油石棉、丁腈橡胶、聚四氟乙烯 Oil resistance asbestos, NBR, PTFE	
工作温度(°C) Working temperature	-30~380	-80~450
适用介质 Suitable medium	非腐蚀性流体 Non-corrosive fluids	腐蚀性流体 Corrosive fluids
连接形式 Connection form	法兰连接、对焊连接 Flanged, welded connection	
公称压力(MPa) Nominal pressure	0.6~5.0 (150Lb~600Lb)	
过滤精度(目/in) Filtration accuracy	10~300	

■ 技术参数 Technical Parameters

DN	D ₁	L	H	H ₁	H ₂	有效过滤面积 Effective filtration area m ²
25	89	180	260	410	160	0.0162
40	108	260	300	560	170	0.0315
50	133	280	300	560	170	0.0315
65	133	330	360	637	210	0.0461
80	159	360	400	710	250	0.0590
100	219	400	470	881	300	0.1077
125	273	480	550	1079	360	0.1759
150	273	500	630	1276	420	0.2910
200	325	560	780	1397	530	0.4076
250	426	660	930	1544	640	0.5017
300	460	750	1100	1739	650	0.6800

注：如有变更不另行通知 Subject to change without notice

■ 设计标准 Design standard

设计标准 Design standard	GB/T12237	API6D
法兰连接尺寸 Connecting flange	GB/T9113	ASME B16.5 ASMEB16.47
法兰结构长度 Structural length	GB/T12221	ASME B16.10
试验和检验 Test and inspection	GB/T13927 GB/T9092	API6D API598

■ 主要零部件材料 Main Material

序号 NO	零件名称 Parts name	材质 Material	
		GB	ASTM
1	阀体 阀盖 Body Bonnet	WCB、不锈钢Stainless steel	A216 WCB A351
2	密封圈 Seat	PTEE	PTEE
3	球体 Ball	A105	A105
4	手柄 Wrench	WCB	A216 WCB
5	阀杆 Stem	不锈钢、碳钢部分包覆氟塑料 Stainless steel, partial covered with fluorine plastic	A216 WCB A351
6	填料 Packing	PTFE	PTFE
7	衬里 Lining	氟塑料Fluorine plastic、FEP、PFA	FEP PFA

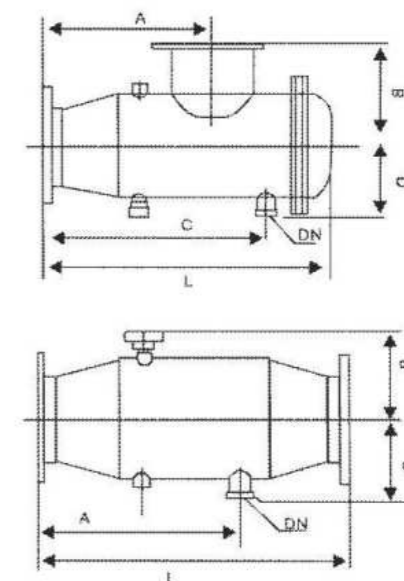
■ 主要技术参数 Main technical parameters

项目 Project	GB	ASTM
公称通径DN Nominal diameter	15 ~ 300	1/2" ~ 12"
公称压力PN Nominal pressure	PN10~PN16	Class150
适用温度℃ Suitable temperature	-29℃ ~ 150℃	
适用介质 Suitable medium	水气、油品、天然气和酸碱腐蚀性介质 Water gas oil product, natural gas and corrosive mediums as acids alkalis etc.	

具体公称压力和公称尺寸根据客户的要求双方可以磋商。
Specific pressure and size according to customer requirements both sides can consult.

■ 产品结构尺寸表 Product structure size table

公称通径 DN Nominal diameter		L	H	H ₁	1.0MPa				1.6MPa			
(mm)	(inch)				D	D ₁	D ₂	Z-Φd	D	D ₁	D ₂	Z-Φd
15	1/2"	140	59	80	95	65	45	4-Φ14	95	65	45	4-Φ14
20	3/4"	140	63	90	105	75	55	4-Φ14	105	75	55	4-Φ14
25	1"	150	75	100	115	85	65	4-Φ14	115	85	65	4-Φ14
32	1 1/4"	165	85	110	140	100	78	4-Φ18	140	100	78	4-Φ18
40	1 1/2"	180	95	120	1560	110	85	4-Φ18	1560	110	85	4-Φ18
50	2"	200	107	135	165	125	100	4-Φ18	165	125	100	4-Φ18
65	2 1/2"	220	142	145	185	145	120	4-Φ18	185	145	120	4-Φ18
80	3"	250	152	185	200	160	135	8-Φ18	200	160	135	8-Φ18
100	4"	280	178	195	220	180	155	8-Φ18	220	180	155	8-Φ18
125	5"	320		210	250	210	185	8-Φ18	250	210	185	8-Φ18
150	6"	360		450	285	240	210	8-Φ22	285	240	210	8-Φ22
200	8"	457		490	340	295	265	8-Φ22	340	295	265	12-Φ22
250	10"	533		550	395	350	320	12-Φ22	395	350	320	12-Φ26
300	12"	610		605	445	400	368	12-Φ22	445	400	375	12-Φ26



■ ZPG型自动冲洗水过滤器 ZPG Automatic washing filters

ZPG-L型自动冲洗排污过滤器宜安装在直角弯管上, ZPG-I型自动冲洗排污过滤器宜水平或垂直安装, 直通式当垂直安装时, 水流方向应该是自上而下, 安装时应注意外壳上箭头方向必须与水流方向一致, 正常运行时, 蝶阀处于开启状态, 当需要排污时, 关闭蝶阀, 找开排污阀直至排出水质变清为止, 开启泄阀, 即完成排污过程。可保泵阀使用延长寿命等优点。

■ ZPG-I型(直通)自动排污过滤器

ZPG-I (Pass through) automatic sewage filter

型号 Model	L	A	B	D	排污口 Outfall (DN)
ZPG-L-40	245	185	63	90	15"
ZPG-L-50	255	190	70	100	15"
ZPG-L-65	270	195	83	120	20"
ZPG-L-80	320	232	96	140	25"
ZPG-L-100	350	260	128	180	32"
ZPG-L-125	438	326	162	200	40
ZPG-L-150	525	390	189	230	50
ZPG-L-200	700	520	220	280	65
ZPG-L-250	875	650	255	330	80
ZPG-L-300	1050	780	294	380	100
ZPG-L-350	1200	885	331	450	125
ZPG-L-400	1400	1040	377	480	150
ZPG-L-450	1550	1145	420	500	150
ZPG-L-500	1700	1250	462	580	150
ZPG-L-600	2000	1460	537	650	200
ZPG-L-700	2280	1720	607	700	200
ZPG-L-800	2500	1900	685	820	200
ZPG-L-900	2800	2180	785	880	200
ZPG-L-1000	3120	2470	860	920	250
ZPG-L-1100	3450	2780	915	960	250
ZPG-L-1200	3700	3000	965	1040	250
ZPG-L-1500	4470	3650	1220	1400	250

注: 如有变更不另通知 Subject to change without notice

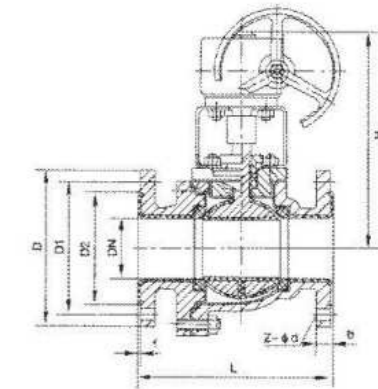
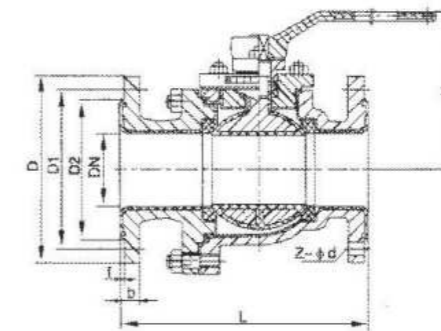
■ ZPG-II型(直角式)自动排污过滤器

ZPG-II-type (Right angle type) automatic sewage filter

型号 Model	L	A	B	C	D	排污口 Outfall (DN)
ZPG-L-40	320	170	80	226	90	15"
ZPG-L-50	350	185	90	244	100	15"
ZPG-L-65	380	200	100	270	120	20"
ZPG-L-80	445	230	110	310	130	25"
ZPG-L-100	536	265	160	365	140	32"
ZPG-L-125	624	315	190	440	200	40
ZPG-L-150	728	375	220	510	230	50
ZPG-L-200	884	500	260	670	280	65
ZPG-L-250	1120	625	310	830	330	80
ZPG-L-300	1310	750	350	1000	380	100
ZPG-L-350	1514	875	410	1180	450	125
ZPG-L-400	1730	1000	470	1350	480	150
ZPG-L-450	1896	1125	510	1500	500	150
ZPG-L-500	2080	1250	550	1680	580	150
ZPG-L-600	2490	1500	650	2000	650	200
ZPG-L-700	2680	1600	680	2150	700	200
ZPG-L-800	2880	1750	700	2300	820	200
ZPG-L-900	3150	1850	800	2480	880	200
ZPG-L-1000	3370	2000	900	2675	920	250
ZPG-L-1100	3610	2100	1000	2900	960	250
ZPG-L-1200	3850	2250	1100	3050	1040	250
ZPG-L-1500	4700	2800	1200	3800	1400	250

产品性能规范 Products performance specification

型号 Model	公称压力 (MPa) Pressure class	试验压力 Test Pressure(MPa)			工作压力 Working Pressure (MPa)	工作温度 Working temperature	适用介质 Applicable medium
		强度试验 Shell test	密封试验 Seat test	上密封试验 Back seat test			
Z960Y-250 J961Y-250	250	37.5	27.5	27.5	14.5	427℃	水、蒸汽 Water, steam
Z960Y-320 J961Y-320	320	48.0	35.2	35.2	12.5	427℃	
Z960Y-P ₅₄ 100	P ₅₄ 100	30.0	11.0	11.0	10.0	540℃	蒸汽 Steam
Z960Y-P ₅₄ 170V J961Y-P ₅₄ 170V	P ₅₄ 170	48.0	18.7	18.7	17.0	540℃	



产品主要参数 Main parameter of the products

基本型号 Serial models	闸阀 Gate valve		Z60Y、Z560Y、Z960Y				
	截止阀 Globe valve		J61Y、J561Y、J961Y、J65Y、J565Y、J965Y、J661、J665Y				
	止回阀 Check valve		H64Y、H61Y				
压力等级范围 Pressure grade range			25.0MPa、32.0MPa、P ₅₄ 100、P ₅₄ 170、P ₅₅ 170V				
口径范围 Drift diameter range			DN10~350mm				
驱动方式及 适用范围 Driving manner & scope of application	闸阀 Gate valve	电动 Electric driving	25.0MPa	32.0MPa	P ₅₄ 100	P ₅₄ 170	P ₅₅ 170V
			DN100~300mm	DN100~250mm	DN175~250mm	DN175~350mm	
	截止阀 Globe valve	手轮驱动、电动 Hand wheel driving Electric driving	25.0MPa、32.0MPa、P ₅₄ 100、P ₅₄ 140、P ₅₄ 170、P ₅₅ 170V				
			DN10~100mm				

■ 结构特点 Structure characteristics

- 1、采用FEP衬里层的球阀,具有极高的化学稳定性,可以适用除熔融碱金属和元素氟,以外其它任何强腐蚀性物质
- 2、采用全口径、浮动球结构,阀门可在整个压力范围内进行无泄漏关闭,更便于管路系统的通球扫线和管路维护
- 3、启闭件球件与阀杆铸(锻)为一体,杜绝了由于压力变化引起阀杆冲出承压件内的可能性,从根本上保证了工程中的使用安全性
- 4、结构紧凑合理,阀体内腔空间最小,减小了介质滞留,另外,特殊的模压工艺,使密封面致密度良好,加之人字环形PTFE填料组合,使阀门达到零泄漏
- 5、两片式、三片式结构可适应各种不同要求的管路系统和工况条件,其中三片球阀允许主阀体与两侧阀体分离,可实现在线快速更换、维修

Production structure of the product characteristics;

- 1, FEP lining ball valve, high chemical stability, can be applied to any strong corrosive nature of the addition to molten alkali metals and elemental fluorine,
- 2, full bore, floating ball structure, the valve can no leak shut down the entire pressure range, easier to pass the ball of the piping system scan line and pipeline maintenance
- 3, open and close the ball piece with the stem casting (forging) as one, to eliminate the possibility of pressure changes caused by the valve stem out of the pressure inside the fundamental guarantee for the safe use of engineering
- 4, compact and reasonable structure, the body cavity of minimum space, reducing the media retention, in addition, a special molding process, so that the sealing surface density is good, coupled with the word ring PTFE packing combination of the valve to achieve zero leakage
- 5, type two, three structures can be adapted to various requirements for piping systems and working conditions, including three ball valve allows the main body, with both sides of the body separation can be achieved online quick replacement, repair

■ 产品用途 Product uses

Q41F₄₆衬氟球阀内腔及球体均采用高压注塑工艺衬有耐腐蚀、耐老化的聚全氟乙丙烯(F₄₆),故具有可靠的耐腐蚀性和密封性。广泛用于化工、石油、冶金、医药等工业部门,实现对生产过程中酸、碱等强腐蚀介质的调节或切断,在水处理过程控制中使用效果最明显。

Q41F lined ball valve cavity and the sphere are used to high-pressure injection molding process is lined with corrosion-resistant, anti-aging of poly fluorinated ethylene propylene (F₄₆), it has a reliable corrosion resistance and sealing. Widely used in chemical, petroleum, metallurgy, pharmaceutical and other industrial sectors, strong acids, alkalis and other corrosive media on the production process adjustment or cut off, the most obvious effect in the water treatment process control.

产品结构特点 Products design features

- 操作传动方式有：手动、电动、正、伞齿轮传动、气动等，订货时应该注明传动方式。
Actuation modes: manual, electric, spur and bevel gear, pneumatic actuators, please make it clear at order.
- 焊接连接的闸阀、截止阀适用于公称压力PN1.6~32.0MPa, 及P54/100V~P57/170V, 工作温度≤621℃ (其中P57/170V, 工作温度570℃) 的石油、化工、火力、水力各种系统的管路上, 切断和接通管路介质。适用介质为水、蒸汽、油品、酸性介质等。
Weld-connected gate valve and stop valve are suitable for the pipeline of PN1.6~32.0MPa, P54/100V~P57/170V, a working temperature≤621℃ (570℃ for P57/170V) in various system of petroleum, chemical industry, steam power, hydraulic etc. To cut off and get through the medium. The suitable media are: water, steam, oil goods, acid media and so on.
- 符合国内外先进标准的要求, 阀门中腔采用压力自紧式密封结构, 连接两端采用对焊接结构, 焊接坡口可按标准或用户要求配接, 密封可靠、性能良好, 造型美观。
Conforms with the requirements of the domestic and foreign advanced standards. The middle cavity of the valve uses the pressure self-tightening sealing structure, the two ends of the branch pipe use welded structure and the welded groove can be connected per either the standard or the required one by users. Of a reliable seal, good performance and nice modeling.
- 阀瓣、阀座密封面根据不同的要求采用铁基合金堆焊或司太立(Stellite) 钴基硬质合金堆焊而成耐磨、耐高温、耐腐蚀、抗摩擦性能好, 使用寿命长。
The sealing face of both disc and seat ring are made by means of built-up welding with either iron-based alloy or Stellite Co-based carbide alloy upon different requirement, wearable, high temperature resisting, corrosion resisting, good friction resisting and long duration.
- 阀杆经调质及表面氮化处理, 有良好抗摩擦性和抗腐蚀性, 具有倒密封结构, 保证阀门在运行时开启不经阀杆外漏, 同时可更换阀杆填料。
The stem, after the modified and surface nitriding treatment, has a good friction and corrosion resistance and a back-seal structure to ensure the valve no leak outward from the stem when opened during running and able to replace the stem packing.
- 中大口径可采用内旁通结构并设置滚动轴承与堆力轴承, 开关灵活, 启闭轻松。
The valves with a large or a middle apertures can use the internal by-pass structure and be set with a rolling bearing and a thrust bearing, resulting in flexible open-close.
- 电动截止阀配有SMC阀门电动装置, 具有壳体小, 重量轻, 功能全, 外形美等特点, 并可与程控电脑配套使用, 也可按用户要求选配电动装置。
The electric stop valve is fitted with SMC valve electric actuator, features a small casing, light weight, full functions and a nice outlook and can be use either with a program controlled computer or an electric actuator upon the user requirement.

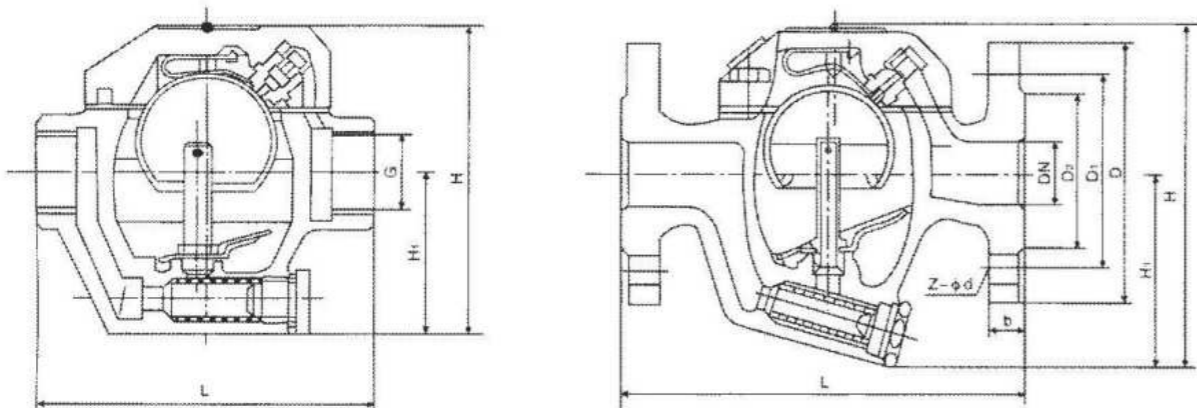
产品主要参数 Main parameter of the products

基本型号 Serial models	闸阀 Gate valve	Z60Y、Z560Y、Z960Y			
	截止阀 Globe valve	J61Y、J561Y、J961Y、J65Y、J565Y、965Y			
	止回阀 Check valve	H64Y			
压力等级范围 Pressure grade range		Class1500~3500			
通径范围 diameter range		2 1/2"~22"			
驱动方式及 适用范围 Driving manner & scope of application	闸阀 Gate valve	手轮驱动 Hand wheel driving	Class1500 1/2"~8"	Class2000~2500 1/2"~6"	Class3500 3"~4"
		伞齿轮 Bevel gear	Class1500 8"~22"	Class2000~2500 6"~16"	Class3500 5"~12"
		电动 Electric driving	Class1500 2 1/2"~22"	Class2000~2500 2 1/2"~16"	Class3000 10"~22" Class3500 3"~18"
	截止阀 Globe valve	手轮驱动 Hand wheel driving	Class1500 1/2"~6"	Class2000~2500 2"~4"	Class3500 1/2"~3"
		伞齿轮 Bevel gear	Class1500 5"~8"	Class2000~2500 4"~12"	Class3500 3"~6"
		电动 Electric driving	Class1500 3"~8"		Class2000~2500 2 1/2"~6"
	Y型 截止阀 Y type globe valve	手轮驱动 Hand wheel driving	Class1500 2 1/2"~6"		Class2500 2"~4"
		伞齿轮 Bevel gear	Class1500 5"~8"	Class2000 4"~12"	Class2500 3"~14" Class3500 3"~6"
		电动 Electric driving	Class1500 1/2"~8"	Class2000 4"~12"	Class2500 2"~14" Class3500 3"~6"
	止回阀 Check valve	-	Class1500~2000 1/2"~14"		Class2500 3"~8"

产品性能规范 Products performance specification

压力级 Pressure class	材料 Material	强度试验 (MPa) Shell test	密封试验与上密封试验 (MPa) Seat test & back seat test	工作压力 (MPa) Working pressure	工作温度 (°C) Working temperature
1500	WCB	39.20	28.60	26.00/14.40	-30~427
	WC1	36.70	26.85	24.40/1.7	-30~470
	WC6	39.50	28.60	26.40/3.4	-30~593
	WC9	39.60	28.60	26.40/4.0	-30~593
	C12A	38.80	28.50	25.86/7.69	-30~650
2000	WCB	52.20	38.15	34.70/19.30	-30~427
	WC1	48.90	35.75	32.50/22.80	-30~470
	WC6	52.80	38.72	35.20/4.50	-30~593
	WC9	52.80	38.72	35.20/5.30	-30~593
	C12A	51.70	38.0	34.47/10.24	-30~650
2500	WCB	65.20	47.75	43.40/24.10	-30~427
	WC1	61.20	44.75	40.70/28.50	-30~470
	WC6	65.90	48.29	43.09/5.60	-30~593
	WC9	65.90	48.29	43.09/6.60	-30~593
	C12A	65.90	48.29	43.09/12.79	-30~650
3000	WCB	78.20*	57.30	52.10/28.90	-30~427
	WC1	73.40*	53.80	48.90/34.30	-30~470
	WC6	79.10*	58.0	52.7/6.75	-30~593
	WC9	79.10*	58.0	52.70/13.10	-30~593
	C12A	77.60	56.90	51.70/15.36	-30~650
3500	WCB	91.20*	66.75	60.70/33.70	-30~427
	WC1	85.50*	62.70	57.00/40.00	-30~470
	WC6	92.30*	67.65	61.50/7.90	-30~593
	WC9	92.30*	67.65	61.50/9.30	-30~593
	C12A	90.50	66.33	60.3/17.93	-30~650

注：带“*”号的强度试验压力与用户商定为1.5倍设计压力。
Note: the shell test pressure with "*" mark can be negotiated with user and specified as 1.5 times design pressure.



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

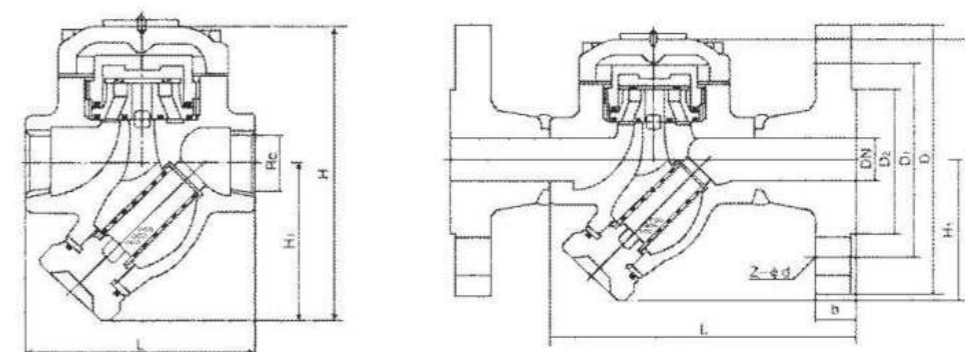
单位Unit:mm

产品型号 Type	公称口径 DN	PN1.6/2.5/4.0MPa				WT (kg)
		L	G	H	H ₁	
CS15H-16C CS15H-25 CS15H-40	15	155	1/2"	142	80	5.4
	20	155	3/4"	142	80	5.5
	25	155	1"	142	80	5.6
	32	180	1 1/4"	200	105	5.7
	40	180	1 1/2"	200	105	6
	50	180	2"	200	105	6.5

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

单位Unit:mm

产品型号 Type	公称口径 DN	PN1.6/2.5/4.0MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-φd	H	H ₁	
CS45H-16C CS45H-25 CS45H-40	15	210	95	65	45	14	4-φ14	142	65	10
	20	210	105	75	55	14	4-φ14	142	65	13
	25	230	115	85	65	14	4-φ14	142	65	16
	32	270	135	100	78	16	4-φ18	200	105	18
	40	270	145	110	85	16	4-φ18	200	105	20
	50	270	160	125	100	16	4-φ18	200	105	23

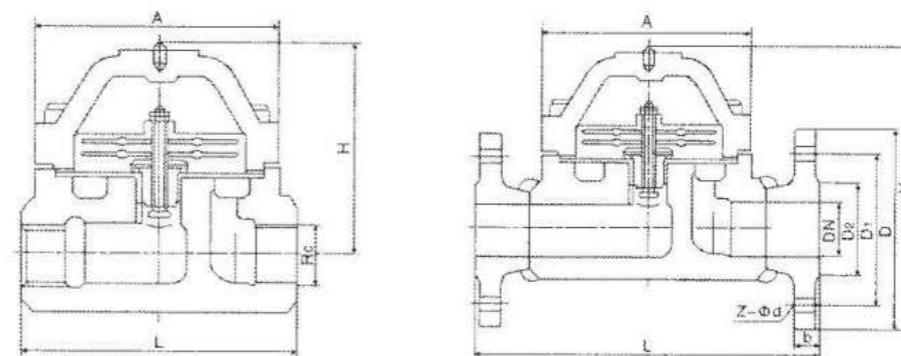


主要外形和连接尺寸Main External and Connection Dimension

单位Unit:mm

产品型号 Type	公称口径 DN	PN1.6/2.5/4.0MPa				WT (kg)
		L	Rc	H	H ₁	
Cs19H-16C CS19H-25 CS19H-40	15	85	1/2"	105	45	1.5
	20	85	3/4"	105	45	1.8
	25	95	1"	110	50	2.2
	32	110	1 1/4"	115	50	3.1
	40	120	1 1/2"	125	55	7.2
	50	130	2"	135	55	8.5

产品型号 Type	公称口径 DN	PN1.6/2.5/4.0MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-φd	H	H ₁	
CS49H-16C CS49H-25 CS49H-40	15	150	95	65	45	14	4-φ14	105	53	3
	20	150	105	75	55	14	4-φ14	105	53	3.2
	25	160	115	85	65	14	4-φ14	110	58	3.5
	32	230	135	100	78	16	4-φ18	110	58	5.2
	40	230	150	110	85	16	4-φ18	125	65	8.3
	50	230	165	125	100	16	4-φ18	135	70	10.3



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

单位Unit:mm

产品型号 Type	公称口径 DN	PN1.6/2.5/4.0MPa				WT (kg)
		L	Rc	A	H	
CS17H-16C CS17H-25 CS17H-40	15	90	1/2"	80	90	2.0
	20	100	3/4"	80	90	2.2
	25	100	1"	160	87	3.0

产品型号 Type	公称口径 DN	PN1.6/2.5/4.0MPa								WT (kg)
		L	D	D ₁	D ₂	b	Z-φd	H		
CS47H-16C CS47H-25 CS47H-40	15	150	95	65	45	14	4-φ14	95	4	
	20	150	105	75	55	14	4-φ14	95	4.5	
	25	160	115	85	65	14	4-φ14	95	6	
	32	210	135	100	78	16	4-φ18	120	8	
	40	210	145	110	85	16	4-φ18	120	9	
	50	210	160	125	100	16	4-φ18	150	13	

疏水阀系列 TRAP VALVES

主要特点

- ※整体式阀体设计
- ※连续排水,排水量大
- ※无汽锁现象
- ※工作平衡低噪音
- ※可更换内件
- ※标准法兰连接
- ※螺纹连接端口

CHIDF FEATURES

- ※INTEGER BODY DESIGN
- ※CONTINUOUS DRAIN WATER, DRAIN QUALITY LARGER
- ※NO STEAM LOCK PHENOMENON
- ※WORKING STEADILY, LOWER NOISE
- ※REPLACING TRIM
- ※FLANGE ENDS
- ※SCREW ENDS

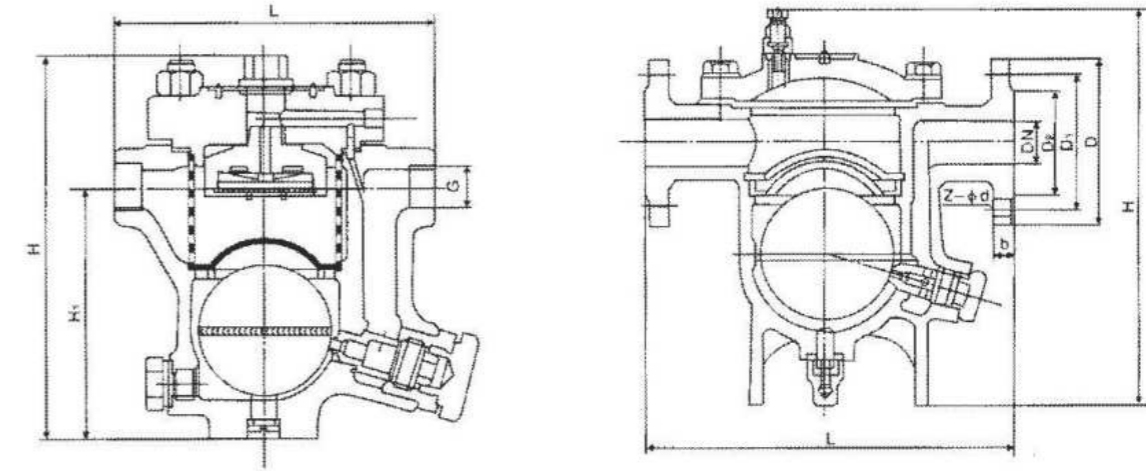


产品规范 Product Specification

产品规范 Product Specification	设计规范 Design Spec.	结构长度 Face to Face	对焊连接 BW End	试验与检验 Test & Check	产品标识 Marking	供货规范 Supply
	JB/T 9093	GB/T 12250	GB/T 9113	GB/T 12251	GB/T 12249	JB/T 7928

主要零部件材料 Main Part Material

零件名称 Part Name	零部件材料 Part Material	
阀体/阀盖Body/Bonnet	25	WCB
阀座Seat	25	35
内件Trim	1Cr18Ni9Ti	
适用温度Suitable Temp.	-29~+425℃	
适用介质 Suitable Medium	水、油品、蒸汽 Water, Oil, Steam	



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

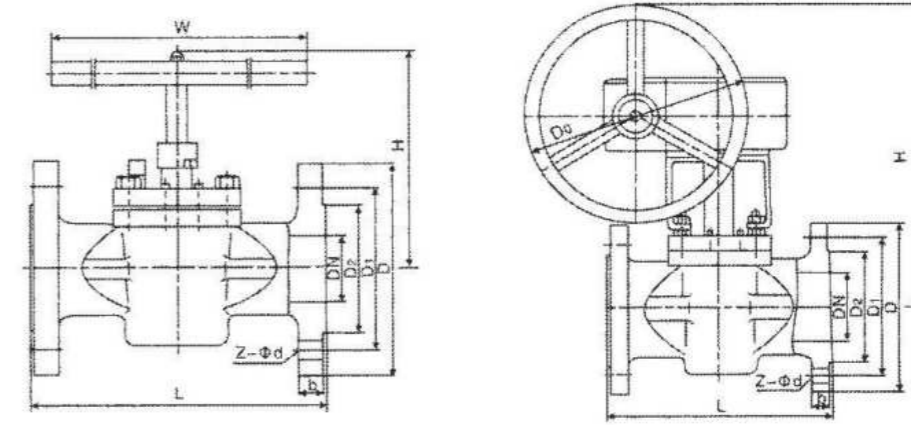
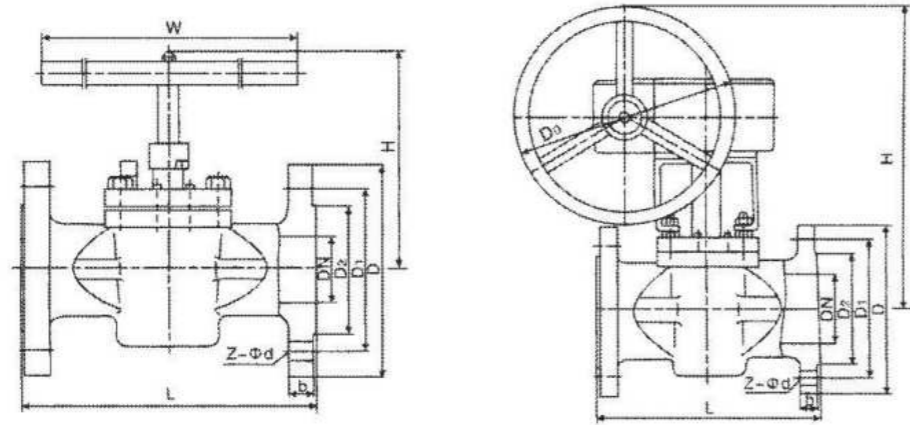
单位Unit:mm

产品型号 Type	公称通径 DN	PN1.6/2.5/4.0MPa				WT (kg)
		L	G	H	H1	
CS44H-16C-C CS44H-25C CS44H-40C	15	170	1/2"	176	120	2.6
	20	170	3/4"	176	120	2.8
	25	170	1"	176	120	3.0
CS44H-16C-D CS44H-25D CS44H-40D	25	230	1"	215	158	5.2
	32	230	1 1/4"	217	162	5.4
	40	230	1 1/2"	221	166	5.6

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

单位Unit:mm

产品型号 Type	公称通径 DN	PN1.6/2.5/4.0MPa							WT (kg)
		L	D	D1	D2	b	Z-φd	H	
CS41H-16C-C CS41H-25C CS41H-40C	15	195	95	65	45	14	4-φ14	195	10.5
	20	195	105	75	55	14	4-φ14	200	11.2
	25	215	115	85	65	14	4-φ14	225	11.5
CS41H-16C-D CS41H-25D CS41H-40D	25	270	115	85	65	14	4-φ14	245	10.5
	32	270	135	100	78	16	4-φ18	250	11.2
	40	280	145	110	85	16	4-φ18	290	11.5
CS41H-16C-E CS41H-25E CS41H-40E	40	280	145	110	85	16	4-φ18	290	10.5
	50	410	160	125	100	16	4-φ18	380	11.2
	65	410	180	145	120	18	4-φ18	380	11.5
CS41H-16C-F CS41H-25F CS41H-40F	50	430	165	125	102	20	4-φ18	467	72
	65	430	185	145	122	20	4-φ18	475	74
	80	460	200	160	132	22	8-φ18	492	77



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

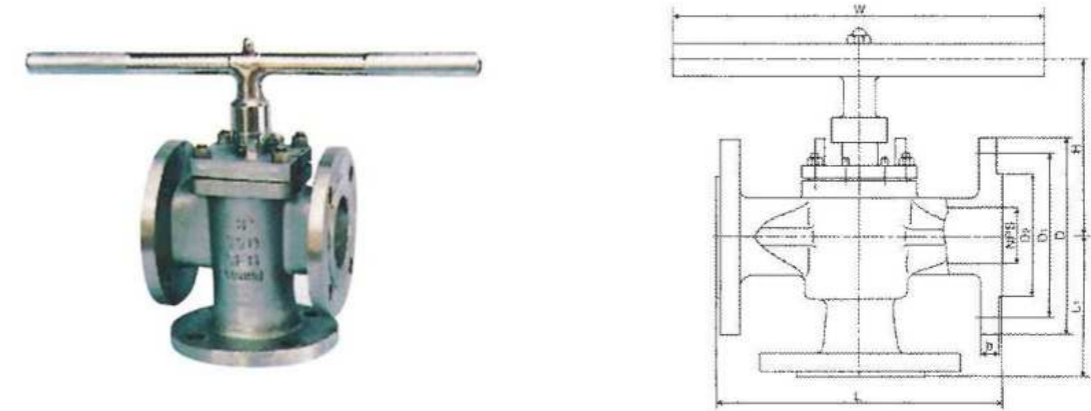
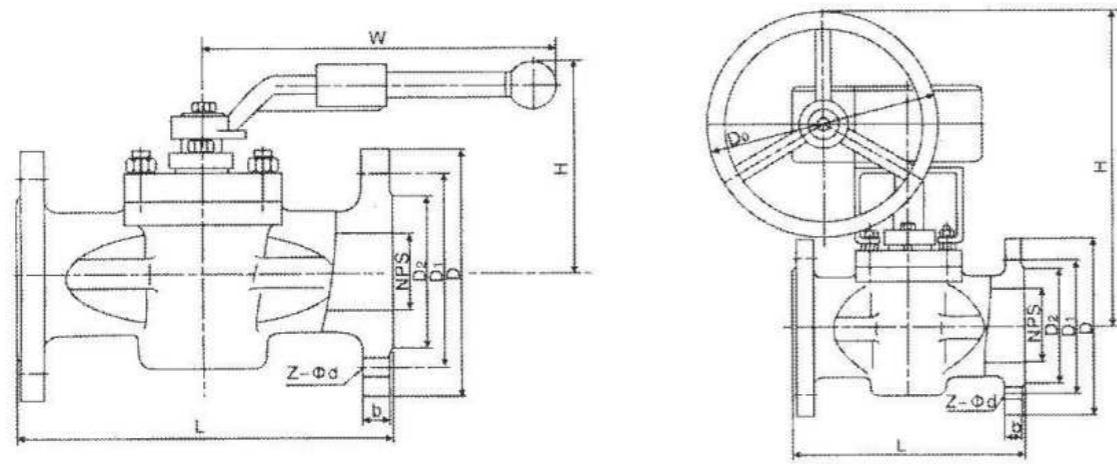
单位Unit:mm

产品型号 Type	NPS in	DN mm	PN1.6/2.5MPa									WT (kg)
			L	D	D ₁	D ₂	b	Z-φd	H ₁	W	Do	
X43F-16C X343F-16C X43F-16P X343F-16P X43F-16R X343F-16R	1/2"	15	130	95	65	45	16	4-φ14	150	300	-	6.5
	3/4"	20	150	105	75	55	16	4-φ14	155	300	-	7.0
	1"	25	160	115	85	65	16	4-φ14	160	300	-	8.0
	1 1/4"	32	180	135	100	78	18	4-φ18	180	350	-	11
	1 1/2"	40	200	145	110	85	18	4-φ18	190	400	-	15
	2"	50	230	160	125	100	18	4-φ18	200	500	-	18
	2 1/2"	65	290	180	145	120	18	4-φ18	220	500	-	26
	3"	80	310	195	160	135	20	8-φ18	230	550	-	36
	4"	100	350	215	180	155	22	8-φ18	380	-	300	44
	6"	150	480	280	240	210	24	8-φ23	520	-	320	60
	8"	200	600	335	295	265	26	12-φ23	580	-	320	81
	10"	250	730	405	355	320	30	12-φ23	620	-	350	147
12"	300	850	460	410	375	30	12-φ23	680	-	380	217	
X43F-25 X343F-25 X43F-25P X343F-25P X43F-25R X343F-25R	1/2"	15	130	95	65	45	16	4-φ14	150	300	-	6.5
	3/4"	20	150	105	75	55	16	4-φ14	155	300	-	7.0
	1"	25	160	115	85	65	16	4-φ14	160	300	-	8.0
	1 1/4"	32	180	135	100	78	18	4-φ18	180	350	-	11
	1 1/2"	40	200	145	110	85	18	4-φ18	190	400	-	15
	2"	50	230	160	125	100	20	4-φ18	200	500	-	18
	2 1/2"	65	290	180	145	120	22	8-φ18	220	500	-	26
	3"	80	310	195	160	135	22	8-φ18	230	550	-	36
	4"	100	350	230	190	160	24	8-φ23	380	-	300	44
	6"	150	480	300	250	218	30	8-φ25	520	-	320	60
	8"	200	600	360	310	278	34	12-φ25	580	-	320	81
	10"	250	730	425	370	332	36	12-φ30	620	-	350	147
12"	300	850	485	430	390	40	12-φ30	680	-	380	217	

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

单位Unit:mm

产品型号 Type	NPS in	DN mm	PN4.0/6.4MPa									Do	WT (kg)
			L	D	D ₁	D ₂	D ₆	b	Z-φd	H	W		
X43F-40 X343F-40 X43F-40P X343F-40P X43F-40R X343F-40R	1/2"	15	130	95	65	45	40	16	4-φ14	150	300	-	7
	3/4"	20	150	105	75	58	51	18	4-φ14	155	300	-	7.5
	1"	25	160	115	85	68	58	18	4-φ14	160	300	-	8.5
	1 1/4"	32	180	135	100	78	66	18	4-φ18	180	350	-	13
	1 1/2"	40	200	145	110	88	76	18	4-φ18	190	400	-	17
	2"	50	230	160	125	102	88	20	4-φ18	200	500	-	22
	2 1/2"	65	290	180	145	122	100	22	8-φ18	220	500	-	29
	3"	80	310	195	160	138	121	24	8-φ18	230	550	-	41
	4"	100	350	230	190	162	150	24	8-φ23	380	-	300	50
	6"	150	480	300	250	218	204	28	8-φ25	520	-	320	68
	8"	200	600	375	320	285	260	34	12-φ30	580	-	320	87
	10"	250	730	445	385	345	313	38	12-φ34	620	-	350	155
12"	300	850	510	450	410	364	42	16-φ34	680	-	380	230	
X43F-64 X343F-64 X43F-64P X343F-64P X43F-64R X343F-64R	1/2"	15	130	105	75	45	40	20	4-φ14	150	300	-	9
	3/4"	20	150	125	90	58	51	20	4-φ18	160	300	-	12
	1"	25	160	135	100	68	58	24	4-φ18	160	300	-	14
	1 1/4"	32	180	150	110	75	66	24	4-φ23	180	350	-	18
	1 1/2"	40	200	165	125	88	76	28	4-φ23	190	400	-	21
	2"	50	230	175	135	102	88	26	8-φ23	200	500	-	27
	2 1/2"	65	290	200	160	122	100	26	8-φ23	220	500	-	34
	3"	80	310	210	170	138	121	28	8-φ23	230	550	-	46
	4"	100	350	250	200	162	150	30	8-φ25	380	-	300	58
	6"	150	480	340	280	218	204	36	8-φ34	520	-	320	78
	8"	200	600	405	345	285	260	42	12-φ34	580	-	320	105



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

单位Unit:mm

产品型号 Type	NPS		Class150Lb/300Lb/600Lb									WT (kg)	
	in	mm	L	D	D ₁	D ₂	b	Z-φd	H ₁	W	Do		
X43F-150Lb X343F-150Lb	1/2"	15	108	89	35	60.5	9	4-φ15	110	175	-	6.5	
	3/4"	20	117	98	43	70	9	4-φ15	115	175	-	7.0	
	1"	25	127	108	51	79.5	10	4-φ15	115	175	-	8.0	
	1 1/4"	32	140	117	64	89	11	4-φ15	135	220	-	11	
	1 1/2"	40	165	127	73	98.5	13	4-φ15	140	280	-	15	
	2"	50	178	152	92	120.5	14	4-φ19	150	305	-	18	
	X43F-150LbP X343F-150LbP	2 1/2"	65	190	178	105	139.5	16	4-φ19	165	350	-	26
		3"	80	203	190	127	152.5	17	4-φ19	180	405	-	36
	X43F-150LbR X343F-150LbR	4"	100	229	229	157	190.5	22	4-φ19	380	-	300	44
		6"	150	267	279	216	241.5	24	8-φ22	520	-	320	60
8"		200	292	343	270	298.5	27	8-φ22	580	-	320	81	
10"		250	330	406	324	362	29	12-φ25	620	-	350	147	
	12"	300	356	483	381	432	30	12-φ25	680	-	380	217	
X43F-300Lb X343F-300Lb	1/2"	15	140	95	35	66.5	13	4-φ15	110	175	-	7	
	3/4"	20	152	117	43	82.5	14	4-φ19	115	175	-	7.5	
	1"	25	165	124	51	89	16	4-φ19	115	175	-	8.5	
	1 1/4"	32	178	133	64	98.5	17	4-φ19	135	220	-	13	
	3/4"	40	190	156	73	114.5	19	4-φ22	140	280	-	17	
	2"	50	216	165	92	127	21	8-φ19	150	305	-	22	
	X43F-300LbP X343F-300LbP	1 1/2"	65	241	190	105	149	24	8-φ22	165	350	-	29
		3"	80	283	210	127	168.5	27	8-φ22	180	405	-	41
	X43F-300LbR X343F-300LbR	4"	100	305	154	157	200	30	8-φ22	380	-	300	50
		6"	150	403	318	216	270	35	12-φ22	520	-	320	68
8"		200	419	381	270	330	40	12-φ25	580	-	320	87	
10"		250	457	445	324	387.5	46	16-φ29	620	-	350	155	
12"		300	502	521	381	451	49	16-φ32	680	-	380	230	

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

单位Unit:mm

产品型号 Type	NPS		Class150Lb										WT (kg)
	in	mm	L	L ₁	D	D ₁	D ₂	b	Z-φd	H ₁	W	Do	
X44F-150Lb X344F-150Lb	1/2"	15	108	68	89	60.5	35	11	4-φ15	150	300	-	9.5
	3/4"	20	117	73	98	70	43	11	4-φ15	155	300	-	12
	1"	25	127	80	108	79.5	51	12	4-φ15	160	300	-	14
	1 1/4"	32	140	85	117	89	64	13	4-φ15	180	350	-	16
	1 1/2"	40	165	95	127	98.5	73	15	4-φ15	190	400	-	21
X44F-150LbP X344F-150LbP	2"	50	178	110	152	120.5	92	16	4-φ19	200	500	-	27
	2 1/2"	65	190	125	178	139.5	105	18	4-φ19	220	500	-	38
X44F-150LbR X344F-150LbR	3"	80	203	130	190	152.5	127	19	4-φ19	230	500	-	49
	4"	100	229	155	229	190.5	157	24	4-φ19	380	-	300	57
	6"	150	267	185	279	241.5	216	26	8-φ22	520	-	320	71
	8"	200	292	225	343	298.5	270	29	8-φ22	580	-	320	94
	10"	250	330	260	406	362	324	31	12-φ25	620	-	350	155
	12"	300	356	300	483	432	381	32	12-φ25	680	-	380	237

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

单位Unit:mm

产品型号 Type	NPS		Class300Lb										WT (kg)	
	in	mm	L	L ₁	D	D ₁	D ₂	b	Z-φd	H ₁	W	Do		
X44F-300Lb X344F-300Lb	1/2"	15	140	75	95	66.5	35	15	4-φ15	150	300	-	10.5	
	3/4"	20	152	91	117	82.5	43	16	4-φ19	155	300	-	13.5	
	1"	25	165	95	124	89	51	18	4-φ19	160	300	-	16	
	1 1/4"	32	178	100	133	98.5	64	19	4-φ19	180	350	-	18	
	1 1/2"	40	190	120	156	114.5	73	21	4-φ22	190	400	-	23	
	2"	50	216	125	165	127	92	23	8-φ19	200	500	-	31	
	X44F-300LbP X344F-300LbP	2 1/2"	65	241	140	190	149	105	26	8-φ22	220	500	-	41
		3"	80	283	155	210	168.5	127	29	8-φ22	230	500	-	54
	X44F-300LbR X344F-300LbR	4"	100	305	185	254	200	157	32	8-φ22	380	-	300	61
		6"	150	403	220	318	270	216	37	12-φ22	520	-	320	75
8"		200	419	257	381	330	270	42	12-φ25	580	-	320	98	
10"		250	457	300	445	387.5	324	48	16-φ25	620	-	350	166	
12"		300	502	340	521	451	381	51	16-φ25	680	-	380	243	

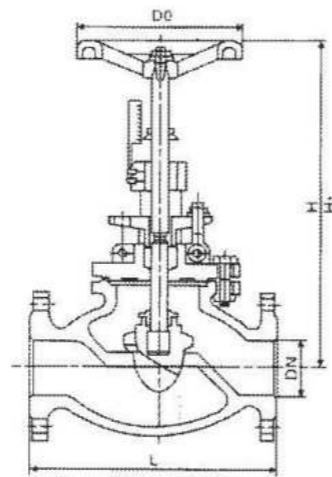
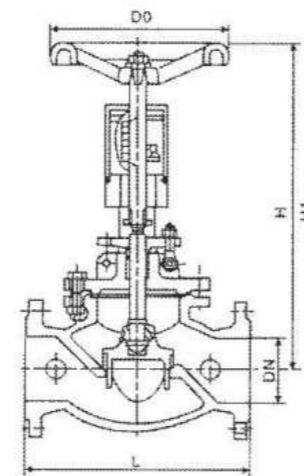
主要外形和连接尺寸Main External and Connection Dimension

产品型号 Type	公称 口径 DN	PN							WT (kg)
		L	G	B	S	H	H ₁	Do	
TJ10H-10 TJ10H-16	15	90	1/2"	16	32	16	170	80	0.9
	20	100	3/4"	18	36	160	172	120	1.1
	25	120	1"	20	46	182	195	160	1.8
TJ10H-16C TJ10H-25	32	140	1 1/4"	22	55	192	210	180	2.6
	40	170	1 1/2"	24	60	250	273	200	3.8
	50	200	2"	26	75	264	290	230	5.7



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

产品型号 Type	公称口径 DN	PN1.0/1.6/2.5MPa				WT (kg)
		L	H	H ₁	Do	
TJ40H-10 TJ40H-16	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	29
TJ40H-16C TJ40H-25	80	310	413	468	270	35
	100	350	466	530	320	56
TJS40H-10 TJS40H-16	125	400	540	613	340	79
	150	480	623	698	400	117
TJS40H-16C TJS40H-25	200	600	687	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	1092	1100	1300	800	-
	500	1194	1130	1360	800	-



自锁型Self-Lock

磅级旋塞阀
ANSI PLUG VALVE

主要特点

- ※直通式，整体式阀体
- ※卡套式可更换阀座
- ※CV值高，流通能力强
- ※无空腔通道，流体阻力小
- ※美标结构改进型
- ※双向密封，可调节冗余装置
- ※一体式防冲旋塞
- ※防静电/防火结构
- ※对焊连接

CHIDF FEATURES

- ※THROUGH TYPE, INTEGER BODY
- ※PTFE SLEEVED REPLACING SEAT
- ※HIGH CV VALNE, FLOW CAPACITY STRONG
- ※NL CAVUM CHANNEL, FLOWRESISTANCE SMALL
- ※STRUCTURE IMPROVE ON APE
- ※DOUBLE SEAL, ADJUSTING REDUNDANCY STRUATURE
- ※ONE PIECE PROOR WUT PLUG
- ※ANTI STATIC AND FIRE DURABLE STRUCTURE
- ※FLANGED ENDS

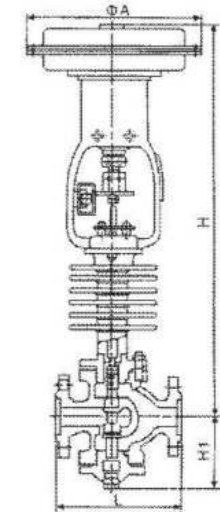
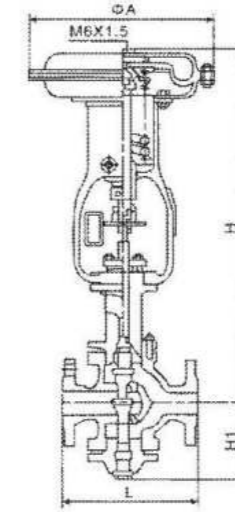
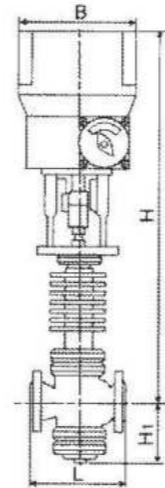
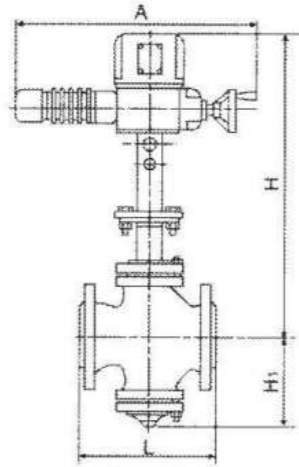
产品规范 Product Specification

产品规范 Product Specification	设计规范 Design Spec.	结构长度 Face to Face	对焊连接 BW End	试验与检验 Test & Check	产品标识 Marking	供货规范 Supply
	API 599	API 599	ANSI B16.5	API598	MSS SP-25	API600
	DIN3352/BS 5353	DIN3352/BS 5353	DIN2501	DIN3230	DIN3211	DIN3352

主要零部件材料 Main Part Material

零件名称 Part name	零部件材料 Part Material					
阀体/阀盖Body/Bonnet	A216-WCB	A352-LCB	A235-CF8	A351-CF8M	A351-CF3	A351-CF3M
旋塞Plug	A351-CF8		A235-CF8	A351-CF8M	A351-CF3	A351-CF3M
阀座Seat	PTFE,R-PTFE					
密封圈Seal Ring	柔性石墨/氟橡胶Flexible Graphite/FPM					
螺栓Bolt	A193-B7		A193-B8M		A193-B8M	
适用温度Suitable Temp	-29-200℃	-46-200℃	-40-200℃		-40-200℃	
适用介质 Suitable Medium	水、油品、天然气 Water,Oil,Gas		丙烷、乙烯 Propane Ethene		硝酸类 Nitric Acid	醋酸类 Acetic Acid





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

单位Unit:mm

公称 口径 DN	L			ZAZP型 Type		ZAZP型 Type			A (长) Long	B (宽) Width	电动执行 机构型号 Electric adminster framework type	出轴推力 Mpa (kgf/cm ²) Output thrust	行程 h(mm) Journey	额定流量系数C Rating flux coefficient																								
	PN1.6 Mpa	PN4.0 Mpa	PN6.4 Mpa	H		H		单座 One- seater						双座 Two- seater																								
				常温型 Normal temperature	散热型 Heat- scattering type	常温型 Normal temperature	散热型 Heat- scattering type																															
20	180	185	190	495	655	95	-	-	-	ZAZ-25 KDZ-310	2.5、4.0 (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	943	120							DKZ -410	64 (640)	25	12	16																		
40	220	230	240	812	963	129	832	982	139										490	230	40	20	25															
50	250	255	265	842	993	144	842	992	144													520	260	100	32	40												
65	275	285	295	967	1127	178	987	1147	188																630	260	100	50	63									
80	305	310	325	990	1142	191	1017	1177	208																			DKZ -510	160 (1600)	100	80	100						
100	350	355	370	999	1151	195	1041	1207	220																						100	1600	100	120	150			
125	410	425	440	1092	1307	245	1142	1357	270																									100	1600	100	200	250
150	450	460	475	1112	1327	255	1162	1377	280																												100	1600
200	550	560	570	1187	1402	290	1244	1459	320	100	1600	100																										
250	670	740	750	-	-	-	1472	1599	440				100	1600	100																							
300	770	805	820	-	-	-	1530	1747	502							100	1600	100																				

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

单位Unit:mm

公称 口径 DN	L		ZMAP型 Type		ZMAP型 Type			ΦA	输出压力(kg/cm ²) Output pressure				额定流量系数C Rating flux coefficient		
	PN1.6 Mpa	PN6.4 Mpa	H		H ₁	H			H ₁	单座 One-seater		双座 Two-seater		单座 One- seater	双座 Two- seater
			常温型 normal temperature	散热型 Heat- scattering type		常温型 normal temperature	散热型 Heat- scattering type			允许压盖 Allowabl gland		允许压盖 Allowabl gland			
20	180	190	654	799	93	-	-	-	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	138	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	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	56	120	160	
125	410	440	1268	1461	240	1318	1501	267	1.2	2.4	37.5	64	200	250	
150	450	475	1286	1469	250	1340	1523	278	0.8	1.6	27	54	280	400	
200	550	570	1363	1546	290	1423	1660	320	0.8	1	21.5	43	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。

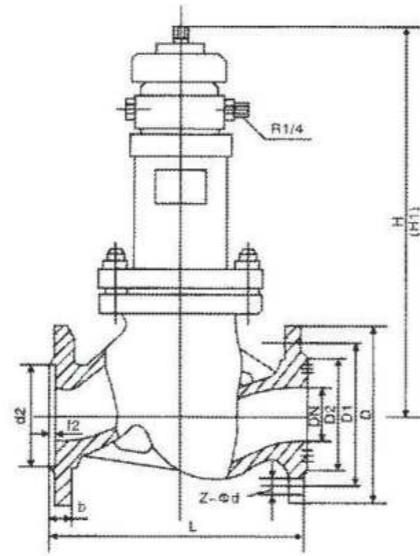
双座调节阀: 具有额定流量系数大, 不平衡力小等优点, 因而被广泛应用。

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 large rated capacity coefficient, small imbalance force, thereby it is used widely.



主要性能规范 Main Performance Norm

公称压力 PN/MPa	适用温度 Suitable temperature ℃	适用介质 Suitable medium	闭止时间 Close and stop time	液压缸使用压力 The hydraulic pressure jar uses the pressure Mpa	液压缸使用介质 The hydraulic pressure jar uses the medium	易溶塞溶化温度℃ Fill fusibly in the temperature of melting
2.5	-40~50	液化石油气 Liquefied petroleum gas	≤10	≤4.0	2#锭子油 Spindle oil No.2	70±5

主要零部件材料 Main Part Material

零件名称 Part name	阀体、阀盖、阀瓣、液压缸、活塞 Body, overlay, one, hydraulic pressure jar, piston	光导阀、填料套 Light guide valve, filling out Material set	弹簧Spring	密封圈 Seal and enclose
材料 Material	碳钢Carbon steel	铬不锈钢 Chromium stainless steel	铬钒钢 Chromium vanadium steel	聚四氟乙烯

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

公称通径 DN/mm	尺寸/mm										管接头 The tube connecting
	D	D ₁	D ₂	d ₂	f ₂	b	L	M	M ₁	Z-φd	
25	115	85	65	88	2	16	160	180	359	4-φ14	R1/4
40	145	110	85	-	3	18	200	326	354	4-φ18	
50	160	125	100	121	4	20	230	346	359	4-φ18	
65	180	145	125	150	-	-	290	337	354	-	R1/4
80	195	160	135	204	4	22	310	445	465	8-φ18	
100	230	190	160	260	4.5	24	350	590	623	8-φ22	
150	300	250	218	313	4.5	28	444	-	580	8-φ25	
200	360	310	278	364	4.5	30	559	-	645	12-φ25	R1/4
250	425	370	332	422	4.5	32	622	-	750	12-φ30	
300	485	430	390	-	4.5	36	711	-	1100	16-φ30	
350	550	490	448	-	5	40	838	-	1380	16-φ34	

特点

- ※采用压缩气体进行带距离快速操作/控制, 使用方便安全, 无污染。
- ※气源接口: Rc 1/4
- ※高温熔闭温度: 70±5℃
- ※气缸操作压力: 0.3-0.7MPa
- ※气源介质压力: 压缩空气、氮气
- ※紧急切断时间: ≤DN50, ≤5s, ≥DN65, ≤10s

Feature

- ※This modes can also be used as Pneumatic remote control open close valve
- ※Pneumatic Line Connection: Rc 1/4
- ※Fuse Plug Melting Point: 70±5℃
- ※Pneumatic Cylinder Operation: Air, Nitrogen
- ※Shut-Off Time: ≤DN50, ≤5s, ≥DN65, ≤10s

主要零部件材料 Main Part Material

零件名称 Part Name	材质Material	
	GB	JIS
阀体Body	WCB	SCPH2
阀杆Stem	13Cr	SUS 304

※公称通径Nominal Size

DN15~300mm, NPS1/2~12"

※公称压力Nominal Pressure

PN2.5、4.0MPa、JIS-10K、20K

※连接法兰Flanged of Connection

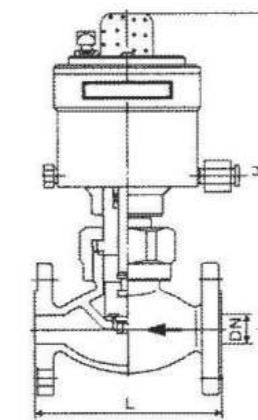
JB/T79-94

※结构温度Face to Face

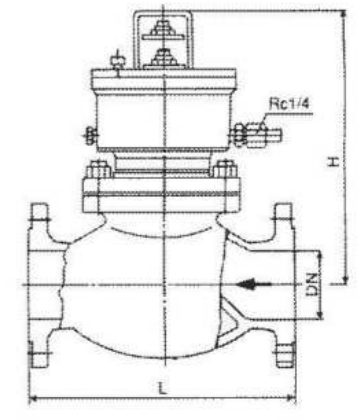
-40~+80℃ -40~+180℃ F

※适用介质Suitable Medium

液化石油气、天然气等LPC, LNG Etc.



DN15~32mm



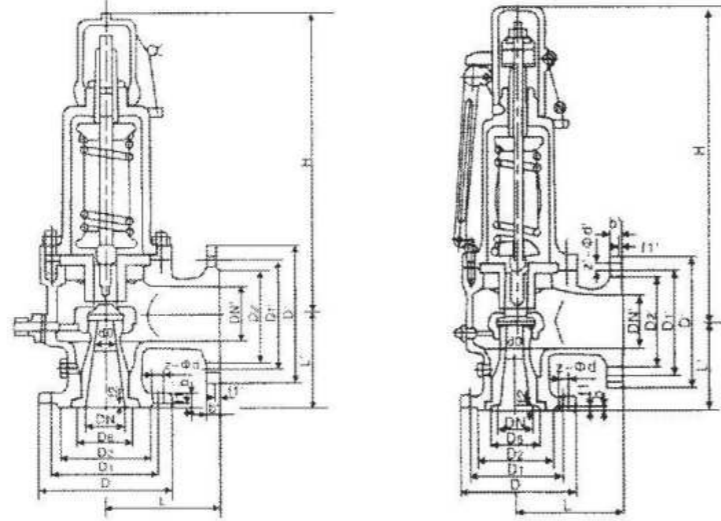
DN40~300mm

主要外形尺寸 Main Contour Size (mm)

DN JIS		C	H	L
mm	in			
15	1/2	130	260	17
20	3/4	150	260	17
25	1	160	260	19
32	1-1/4	180	270	15
40	1-1/2	200	270	18
50	2	230	300	20
65	2-1/2	290	300	23

主要外形尺寸 Main Contour Size (mm)

DN JIS		C	H	L
mm	in			
80	3	310	360	25
100	4	350	400	30
125	5	400	450	40
150	6	480	510	45
200	8	600	610	50
250	10	730	760	90
300	12	850	915	105



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

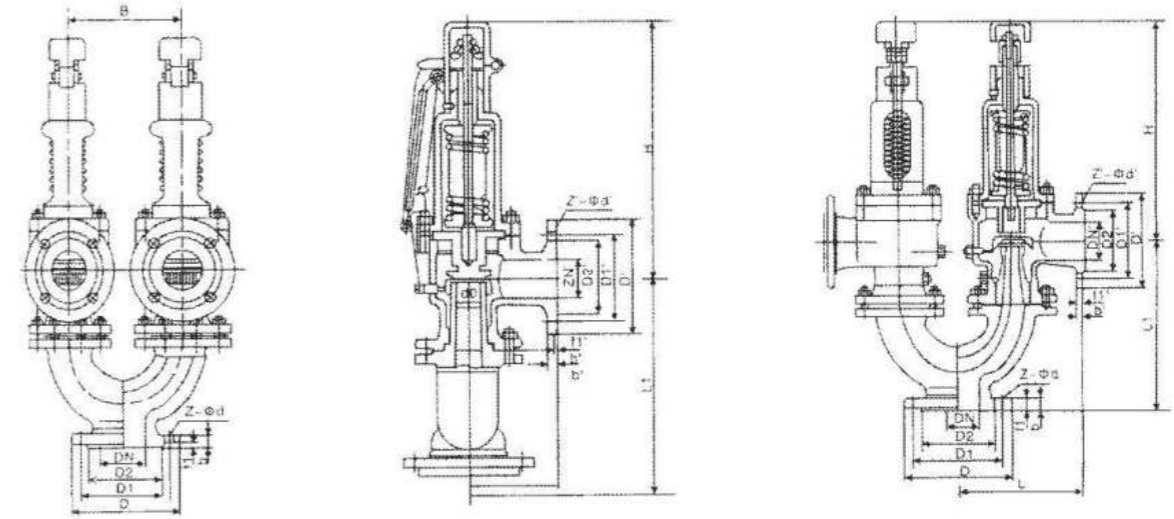
单位Unit:mm

产品型号 Type	公称口径 DN	L	L ₁	Do	DN' (Outlet)	WT(Kg)		
						1.6MPa	2.5MPa	4.0MPa
A42Y-16C A42Y-25 A42Y-40 A42Y-16P A42Y-25P A42Y-40P	25	110	95	15	32	11	11	12
	32	115	100	20	40	12	12	14
	40	120	110	25	50	13	15	15
	50	135	120	32	65	17	17	19
	65	160	140	40	80	29	35	40
	80	170	135	50	100	42	52	57
	100	195	175	65	125	64	65	77
	125	210	190	80	150	84	120	125
	150	255	230	100	175	122	152	164
	200	300	260	125	250	152	197	211
250	350	320	150	300	390	410	440	
300	380	350	200	400	1010	1100	1186	
350	500	450	300	500	260	1294	1323	
400	500	450	350	500	540	1860	2010	

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

单位Unit:mm

产品型号 Type	公称口径 DN	L	L ₁	do	DN' (Outlet)	WT(Kg)		
						1.6MPa	2.5MPa	4.0MPa
A48Y-16C A48Y-25 A48Y-40 A48Y-16P A48Y-25P A48Y-40P	25	110	105	15	32	13	13	18
	32	130	110	20	40	16	16	27
	40	130	120	25	50	20	20	25
	50	155	130	32	65	25	25	30
	65	160	140	40	80	42	42	49
	80	175	160	50	100	52	52	70
	100	195	195	65	125	75	75	95
	150	285	260	100	200	130	130	155
	200	350	320	125	250	160	160	210



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

单位Unit:mm

产品型号 Type	公称口径 DN	L	L ₁	b	do	DN' (Outlet)	WT(Kg)	
							1.6MPa	4.0MPa
A37Y-16C A37Y-25 A37Y-40	50	115	215	160	2X25	32	62	71
	80	135	310	190	2X40	50	100	115
	100	160	355	255	2X65	80	160	170
A37Y-16P A37Y-25P A37Y-40P	125	170	410	260	2X80	100	210	230
	150	190	430	275	2X100	125	250	280

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

单位Unit:mm

产品型号 Type	公称口径 DN	L	L ₁	b	do	DN' (Outlet)	WT(Kg)	
							1.6MPa	4.0MPa
A38H-16C A38H-25 A38H-40	50	115	225	160	2X20	40	62	71
	80	135	295	190	2x32	65	100	115
	100	160	365	265	2x40	80	160	170
A38Y-16P A38Y-25P A38Y-40P	150	190	415	275	2x65	125	250	270

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

单位Unit:mm

产品型号 Type	公称口径 DN	L	L ₁	b	do	DN' (Outlet)	WT(Kg)	
							1.6MPa	4.0MPa
A43H-16C A43H-25 A43H-40	50	115	215	160	2X25	32	62	71
	80	135	295	190	2x40	50	100	120
	100	160	352	255	2x65	80	160	170
A43Y-16P A43Y-25P A43Y-40P	125	170	410	260	2x80	100	210	240
	150	190	430	275	2x100	125	250	280

安全阀系列 Safety Valves

主要特点

- ※弹簧直接载荷式设计
- ※重锤及杆杆式设计
- ※封闭式, 防尘和防止介质外溢
- ※开窗式, 利于阀腔降温
- ※带扳手辅助开启可选
- ※全启式与微启式
- ※标准法兰连接



CHIDF FEATURES

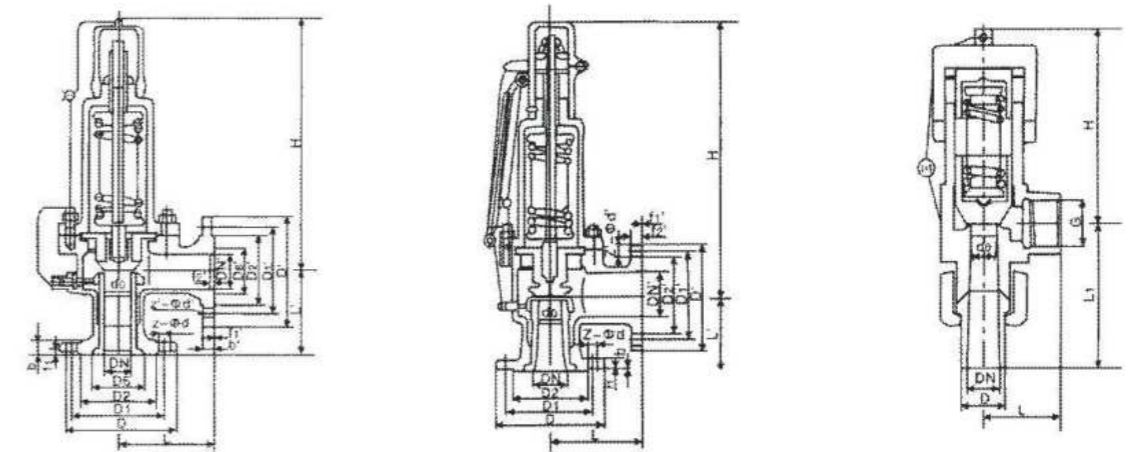
- ※SPRING DIRECT LOAD DESIGN
- ※WEIGHT HAMMER AND LEVER DESIGN
- ※SEALED TYPE, PROTECT DIRT AND MEDIUM
- ※OPENING WINDOW TYPE, REDUCE TEMPERATURE CAVITY
- ※AVAILABLE SPANNER AUXILIARY OPEN AND CLOSE
- ※FULL LIFT AND LOW SIFT
- ※FLANGE ENDS

产品规范 Product Specification

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
	GB/T 12243	GB/T 12221	JB/T 79	GB/T 12242	GB/T 12220	JB/T 7928

主要零部件材料 Main Part Material

零件名称 Part Name	阀体材料 Body Material				
阀体/阀盖 Body/Bonnet	WCB	ZG1Cr5Mo	ZG12CrMoV	ZG1Cr18Ni9Ti	ZG0Cr18Ni12Mo2Ti
阀瓣、阀杆 Stem/Disc	2Cr13	1Cr18Ni9Ti1Cr	18Ni9Ti1Cr	18Ni9Ti	0Cr17Mn13Mo2N
导向套 Disc Guide	2Cr13	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	0Cr17Mn13Mo2N
反冲盘 Disc holder	2Cr13	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	0Cr17Mn13Mo2N
阀座 Seat	WCB+HF	ZG1Cr18Ni9Ti+STL		ZG0Cr18Ni12Mo2Ti+STL	
弹簧 Spring	50CrVA	50CrVA		50CrVA(防腐处理)Anti-Corrosive	
适用温度 Suitable Temp.	-29~300℃	-29~550℃		-40~220℃	
适用介质 Suitable Medium	空气、水、油品、蒸汽 Air, Water, Oil, Steam	蒸汽、油品 Steam, Oil		硝酸类 Nitric Acid	



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

单位 Unit: mm

产品型号 Type	公称通径 DN	L	L ₁	Do	DN' (Outlet)	WT(Kg)			
						1.6MPa	2.5MPa	4.0MPa	6.4MPa
A41H-16C A41H-25 A41H-40 A41H-64	25	100	85	20	25	7	10	11	20
	32	115	100	25	32	15	15	15	25
	40	120	110	32	40	20	20	20	31
	50	135	120	40	50	25	25	25	35
A41Y-16P A41Y-25P A41Y-40P A41Y-64P	65	140	130	50	65	40	47	54	60
	80	160	135	65	80	52	65	70	75
	100	170	160	80	100	70	72	78	86
	125	190	190	100	125	95	101	110	122
	150	205	195	125	150	132	140	151	170
	200	240	230	150	200	168	182	194	210

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

单位 Unit: mm

产品型号 Type	公称通径 DN	L	L ₁	Do	DN' (Outlet)	WT(Kg)		
						1.6MPa	2.5MPa	4.0MPa
A41H-16C A41H-25 A41H-40	25	100	100	20	25	10	10	11
	32	115	105	25	32	16	16	18
	40	120	110	32	40	20	20	25
A47Y-16P A47Y-25P A47Y-40P	50	135	120	40	50	30	30	30
	80	160	135	65	80	52	52	70
	100	170	160	80	100	70	70	95

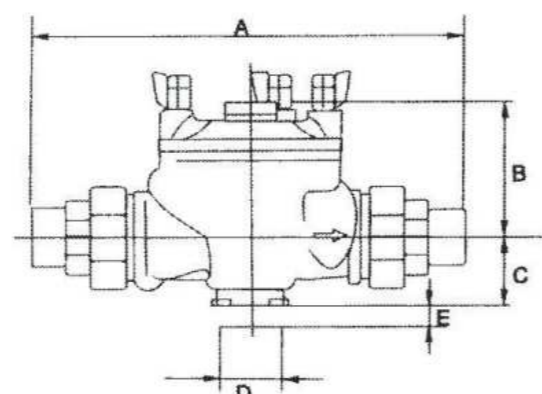
主要外形和连接尺寸 Main External and Connection Dimension

单位 Unit: mm

产品型号 Type	公称通径 DN	PN1.6/2.5/4.0MPa					WT (kg)
		L	L ₁	Do	D	G(Outlet)	
A21H-16C A21H-25 A21H-40	15	35	65	12	20	G5/8"	4
	20	42	76	16	25	G3/4"	5
	25	50	84	20	31	G1"	7
A21W-16P A21W-25P A21W-40P	32	55	85	25	ZG1 1/4"	G1 1/4"	11
	40	55	84	32	ZG1 1/2"	G1 1/2"	16
	50	67	101	40	AG2"	G2"	23
	65	76	120	50	ZG 2 1/2"	G2 1/2"	27
	80	83	135	65	ZG3"	G3"	40



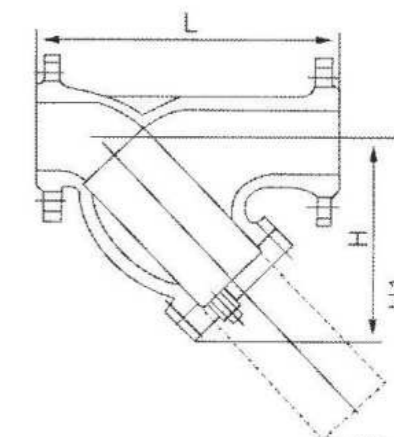
HS41-16-A型



丝扣型

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

型号	DN	16-AL	16-L	D	Φ	n-d	h ₂
HS41X-16A HS41X-16	50	455	410	165	125	4-Φ18	190
	65	480	430	185	145	4-Φ18	200
	80	570	500	200	160	8-Φ18	225
	100	710	640	220	180	8-Φ18	248
	125	800	730	250	210	8-Φ18	276
	150	910	830	285	240	8-Φ23	308
	200	1090	1000	340	295	12-Φ23	356
	250	1315	1200	405	355	12-Φ25	410
	300	1475	1360	460	410	12-Φ25	485
	350	1690	1560	520	470	16-Φ25	528
	400	1860	1720	580	525	16-Φ30	595
500	2120	1960	715	650	20-Φ34	665	



■ 主要技术参数 Main Technical Parameters

型号	连接形式	公称压力 (Mpa)	耐压试验压力 (Mpa)	工作压力 (Mpa)	壳体材料	过滤网材料	网眼总面积
GL41H-10	法兰	1.0	1.1	1.0	灰铸铁	不锈钢	3-4 DN
GL41H-16	法兰	1.6	1.76	1.6	球墨铸铁		
GL41H-25	法兰	2.5	2.75	2.5	碳钢		

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

公称通径 DN(mm)	尺寸(mm)		
	L	H	H ₁
	法兰	法兰	法兰
65	250	198	270
80	280	210	295
100	350	250	344
125	400	305	422
150	440	358	485
200	500	450	602
250	580	503	710
300	670	578	815
350	780	598	844
400	850	618	872
450	850	693	978
500	1000	765	1080