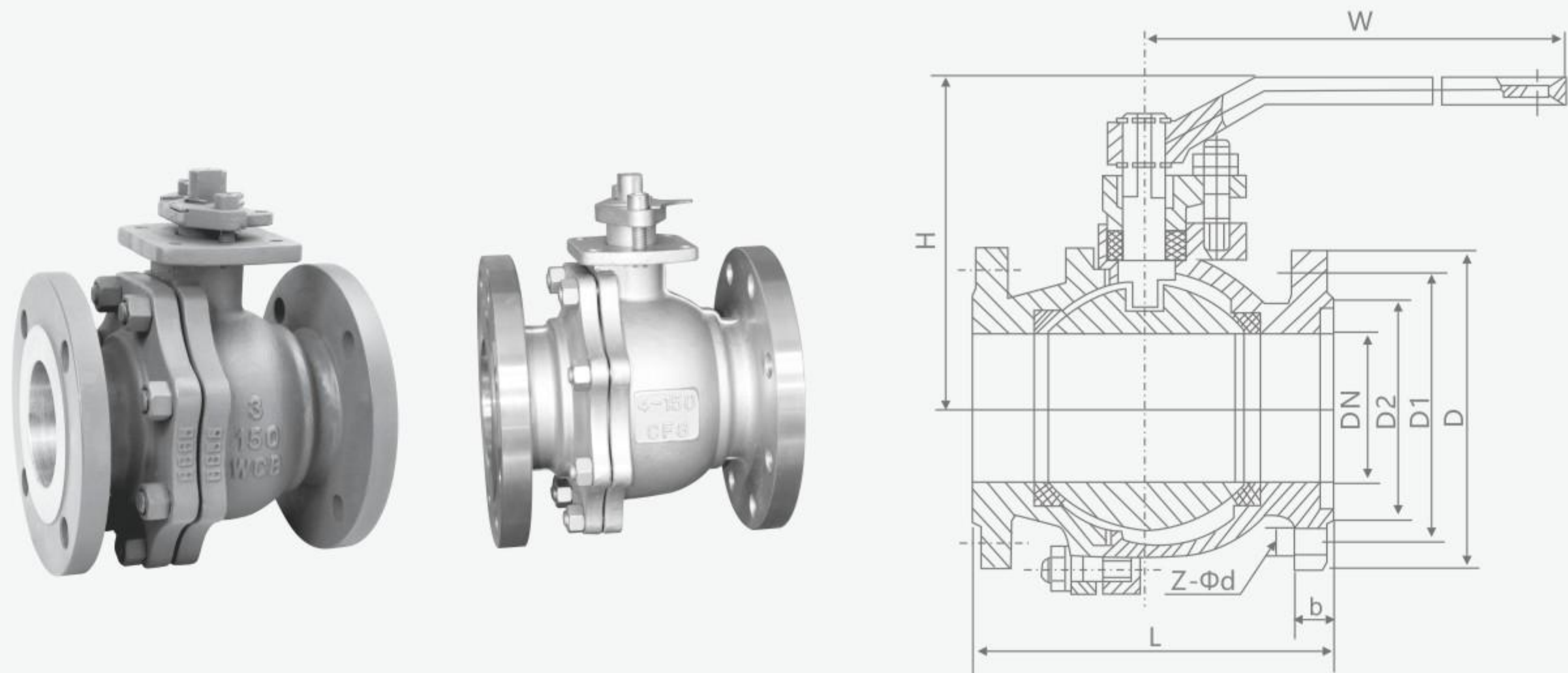


ANSI/ASME Flange Ball Valve

美标法兰球阀



标准

设计与制造按BS5351, ANSI B16.34
结构长度按ANSI B16.10
法兰链接尺寸按ANSI B16.5
压力温度额定值按ANSI B16.34
检验按API 598

STANDARDS

Design and manufacture as BS5351,ANSI B16.34
Fane to face dimensions as ANSI B16.10
End flange dimension as ANSI B16.5
Pressure-temperature rating as ANSI B16.34
Pressure test as API 598

试验压力 Test Pressure

试验项目 Test Item		壳体试验 Shell Test		密封试验 Seal Test		气密封试验 Air Seal Test	
介质Medium		水Water				气Air	
单位Unit		MPa	lbf/in ²	MPa	lbf/in ²	MPa	lbf/in ²
压力等级 (磅级) Pressure (Class)	150	3.1	450	2.2	315	0.5~0.7	60~100
	300	7.8	1125	5.6	815		
	400	10.3	1500	7.6	1100		
	600	15.3	2225	11.2	1630		
	900	23.1	3350	16.8	2440		

主要零件材料 Materials for Main Parts

名称Name	材料Material								
阀体Body 阀盖Bonnet	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
球体Ball	A182 F6	A182 F304					A182 F316	A182 F304L	A182 F316L
阀杆Stem	A182 F6	A182 F304					A182 F316	A182 F304L	A182 F316L
手柄Hand Handle	KTH350-10								
螺柱Bonnet Bolt	A193-B7 A320-L7 A193-B8								
螺母Nut	A194-2H A194-7 A194-8								

ANSI/ASME Flange Ball Valve

美标法兰球阀

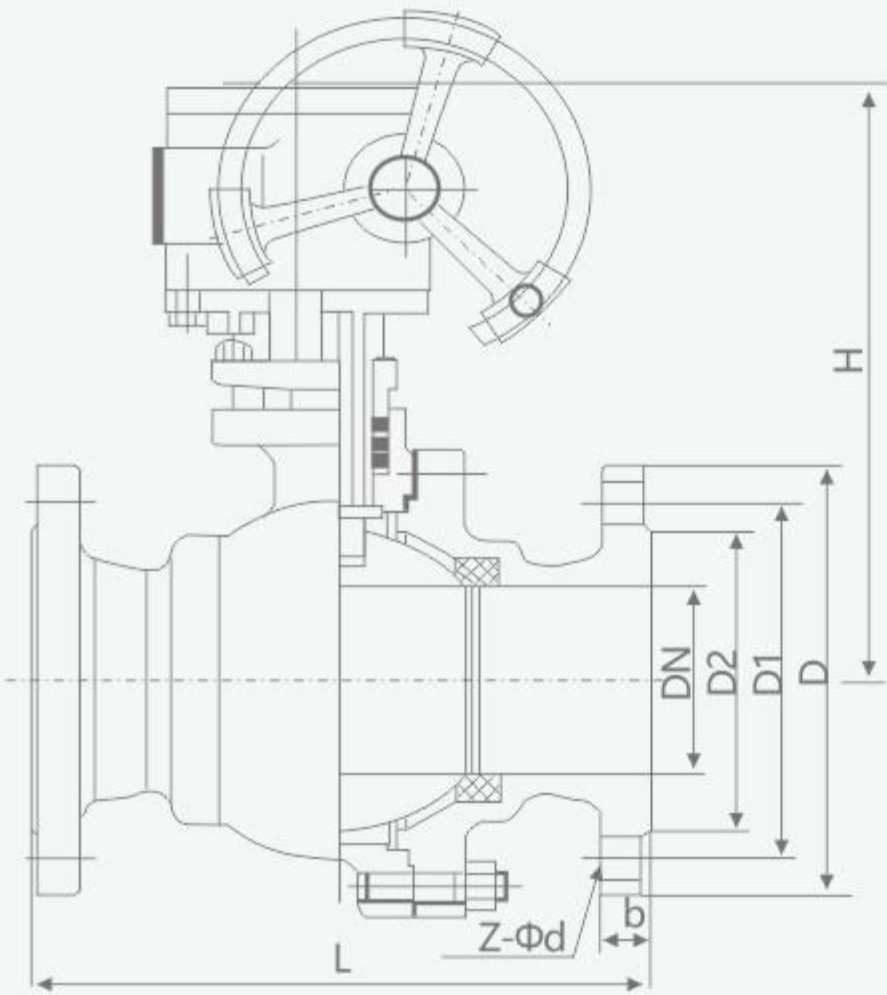
主要连接尺寸 Main Connection Dimensions

型号 Type	型号规格 Size(mm)		尺寸 Dimension(mm)							
	Inch	DN	L	D	D1	D2	b	z-Φd	H	W
Q41 ^F _H -150Lb Y	½"	15	108	90	60.3	34.9	11.6	4-16	68	115
	¾"	20	117	100	69.9	42.9	13.2	4-16	75	130
	1"	25	127	110	79.4	50.8	14.7	4-16	85	150
	1¼"	32	140	115	88.9	63.5	16.3	4-16	96	190
	1½"	40	165	125	98.4	73	17.9	4-16	107	230
	2"	50	178	150	120.7	92.1	19.5	4-19	118	240
	2½"	65	190	180	139.7	104.8	22.7	4-19	145	280
	3"	80	203	190	152.4	127	24.3	4-19	160	310
	4"	100	229	230	190.5	157.2	24.3	4-19	185	330
	5"	125	356	255	215.9	185.7	24.3	8-22	230	600
	6"	150	394	280	241.3	215.9	25.9	8-22	260	800
Q341 ^F _H -150Lb Y	8"	200	457	345	298.5	269.9	29	8-22	310	1000
	10"	250	533	405	362	323.8	30.6	12-25	350	1200
Q41 ^F _H -300Lb Y	½"	15	140	95	66.7	34.9	14.7	4-16	72	115
	¾"	20	152	115	82.6	42.9	16.3	4-19	75	130
	1"	25	165	125	88.9	50.8	17.9	4-19	85	150
	1¼"	32	178	135	98.4	63.5	19.5	4-19	95	180
	1½"	40	190	155	114.3	73	21.1	4-22	110	230
	2"	50	216	165	127	92.1	22.7	8-19	120	240
	2½"	65	241	190	149.2	104.8	25.9	8-22	120	280
	3"	80	283	210	168.3	127	29	8-22	150	310
	4"	100	305	255	200	157.2	32.2	8-22	165	330
	5"	125	381	280	235	185.7	35.4	8-22	190	600
	6"	150	403	320	269.9	215.9	37	12-22	270	800
Q341 ^F _H -300Lb Y	8"	200	502	380	330.2	269.9	41.7	12-25	315	1000
	10"	250	568	445	387.4	323.8	48.1	16-29	380	1200
Q41 ^F _H -600Lb Y	½"	15	165	95	66.7	34.9	16.3	4-16	88	115
	¾"	20	190	115	82.6	42.9	17.9	4-19	98	130
	1"	25	216	125	88.9	50.8	19.5	4-19	105	150
	1½"	40	241	155	114.3	73	24.3	4-22	135	180
	2"	50	292	165	127	92.1	27.4	8-19	155	240
	3"	80	356	210	168.3	127	33.8	8-22	175	280
	4"	100	432	275	215.9	157.2	40.1	8-25	210	330
	6"	150	559	355	292.1	215.9	49.7	12-29	340	800
	8"	200	660	420	349.2	269.9	57.6	12-32	400	1000
	10"	250	787	510	431.8	323.8	65.5	16-35	440	1200
Q341 ^F _H -600Lb Y	10"	250	787	510	431.8	323.8	65.5	16-35	440	1200

Worm Wheel Floating Ball Valve

蜗轮浮动球阀

Q341Y-16
F-25CPR
H-40
64



标准

设计与制造按GB/T12237
结构长度按GB/T12221
法兰连接尺寸按JB/T79
检验按JB/T9092

STANDARDS

Design and manufacture as GB/T12237
Face to face dimensions as GB/T12221
End flange dimension as JB/T79
Pressure test as JB/T9092

试验压力 Test Pressure

试验项目 Test Item		壳体试验 Shell Test	密封试验 Seal Test	上密封试验 Back Seal Test	气密封试验 Air Seal Test
介质 Medium		水 Water			气 Air
单位 Unit		MPa	MPa	MPa	MPa
公称压力 Nominal Pressure PN(MPa)	1.6	2.4	1.8	1.8	0.5~0.7
	2.5	3.8	2.8	2.8	
	4.0	6.0	4.4	4.4	
	6.4	9.6	7.0	7.0	
	10.0	15.0	11.0	11.0	
	16.0	24.0	18.0	18.0	

Materials for Main Parts

名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	WCB	CF3	CF8M	CF3M	CF8	LCB	WC6	WC9	C5
球体 Ball	WCB Hcr	CF3	CF8M	CF3M	CF8	CF8	CF8	CF8	CF8
阀杆 Stem	2CR13	F304L	F316	F316L	F304	F304	F304	F304	F304
阀座 Seat	PTFE/PPL								
填料/垫片 Packing/Gasket	PTFF					石墨 Graphite			
螺栓 Bolt	不锈钢 Stainless Steel					35CrMoA			
螺母 Nut	不锈钢 Stainless Steel					45、35CrMoA			
手柄 Handle	铸钢 Cast Steel								

Worm Wheel Floating Ball Valve

蜗轮浮动球阀

主要连接尺寸 Main Connection Dimensions

型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)								
		L	D	D1	D2	D6	b-f	z-Φd	H	W
Q341 ^F _H -16	15	130	95	65	45		14-2	4-Φ14	65	115
	20	140	105	75	55		14-2	4-Φ14	75	130
	25	150	115	85	65		14-2	4-Φ14	85	150
	32	165	135	100	78		16-2	4-Φ18	95	190
	40	180	145	110	85		16-3	4-Φ18	105	230
	50	200	160	125	100		16-3	4-Φ18	115	240
	65	220	180	145	120		18-3	4-Φ18	145	280
	80	250	195	160	135		20-3	8-Φ18	160	310
	100	280	215	180	155		20-3	8-Φ18	185	330
	125	320	245	210	185		22-3	8-Φ18	215	600
	150	360	280	240	210		24-3	8-Φ23	245	800
	200	400	335	295	265		26-3	12-Φ23	300	1000
	250	450	405	355	320		30-3	12-Φ25	380	1200
Q341 ^F _H -25	15	130	95	65	45		14-2	4-Φ14	65	115
	20	140	105	75	55		14-2	4-Φ14	75	130
	25	150	115	85	65		14-2	4-Φ14	85	150
	32	165	135	100	78		16-2	4-Φ18	95	190
	40	180	145	110	85		18-3	4-Φ18	105	230
	50	200	160	125	100		20-3	4-Φ18	115	240
	65	220	180	145	120		22-3	8-Φ18	145	280
	80	250	195	160	135		22-3	8-Φ18	160	310
	100	280	230	190	160		24-3	8-Φ23	185	330
	125	320	270	220	188		28-3	8-Φ25	215	600
	150	360	300	250	218		30-3	8-Φ25	245	800
	200	400	360	310	278		34-3	12-Φ25	300	1000
	250	450	425	370	332		36-3	12-Φ30	380	1200
Q341 ^F _H -40	15	130	95	65	45	40	16-2	4-Φ14	70	115
	20	140	105	75	55	51	16-2	4-Φ14	80	130
	25	150	115	85	65	58	16-2	4-Φ14	90	150
	32	180	135	100	78	66	18-3	4-Φ18	100	190
	40	200	145	110	85	76	18-3	4-Φ18	110	230
	50	220	160	125	100	88	20-3	4-Φ18	120	240
	65	250	180	145	120	110	22-3	8-Φ18	150	280
	80	280	195	160	135	121	22-3	8-Φ18	170	310
	100	320	230	190	160	150	24-3	8-Φ23	190	330
	125	360	270	220	188	176	28-3	8-Φ25	220	600
	150	400	300	250	218	204	30-3	8-Φ25	250	800
	200	550	375	320	282	260	38-3	12-Φ30	390	1200
Q341 ^F _H -64	15	140	105	75	55	40	18-2	4-Φ14	75	115
	20	160	125	90	68	51	20-2	4-Φ18	85	130
	25	180	135	100	78	58	22-2	4-Φ18	95	150
	32	200	150	110	82	66	24-2	4-Φ23	105	190
	40	220	165	125	95	76	24-3	4-Φ23	120	230
	50	250	175	135	105	88	26-3	4-Φ23	130	240
	65	280	200	160	130	110	28-3	8-Φ23	160	280
	80	320	210	170	140	121	30-3	8-Φ23	180	310
	100	360	250	200	168	150	32-3	8-Φ25	200	330
	125	381	295	240	202	176	36-3	8-Φ30	230	600
	150	403	340	280	240	204	38-3	8-Φ34	260	800
	200	502	405	345	300	260	44-3	12-Φ34	400	1200

Lining Fluorine Ball Valve

衬氟球阀

※技术性能规范 Technical performance specifications

设计标准 design standards	HG/T 3704 , GB/T 12237		API 6D
结构长度 Structure length	HG/T 3704 , GB/T 12221		ASME B16.10
法兰式尺寸 Flange size	HG/T 20592 , GB/T 9119		ASME B16.5,JIS B2220
检验与试验 Inspection and test	HG/T 13927,GB/T 9092		API 598
公称压力 (Mpa) Nominal pressure (Mpa)	1.0	1.6	CLASS150
实验压力(MPa) Experimental pressure (MPa)	壳体试压 Shell pressure test	1.5	1.5
	高压密封 High pressure seal	1.1	1.1
	低压密封 Low pressure seal	0.6	0.6
适用温度(°C) Applicable temperature (°C)	PFA:-30~200 FEP:-30~150 GXPO:-10~80		
适用介质 Applicable medium	盐酸、硝酸、氢氟酸、液氟、硫酸、王水等强腐蚀性介质 Strongly corrosive media such as hydrochloric acid, nitric acid, hydrofluoric acid, liquid fluorine, sulfuric acid, aqua regia		

特注：衬氟阀门壳体试压和密封按照上标测试，测试标准仅参考通过阀门标准。高压力特殊情况协商处理。
Special Note: The pressure test and sealing of the fluorine-lined valve housing are tested according to the superscript. The test standard only refers to the valve standard. High pressure special circumstances are negotiated.

※产品特性 Product Features

◆独特的密封座设计 Unique seal seat design

采用球体与密封座首先接触部分做成悬臂式唇缘，从而使阀体与密封圈之间产生一个缓冲区，这样可自动补偿阀座的磨损，温度与压力的急剧变化以及塑性变形等造成的泄漏；提高了密封性能，延长了使用寿命。

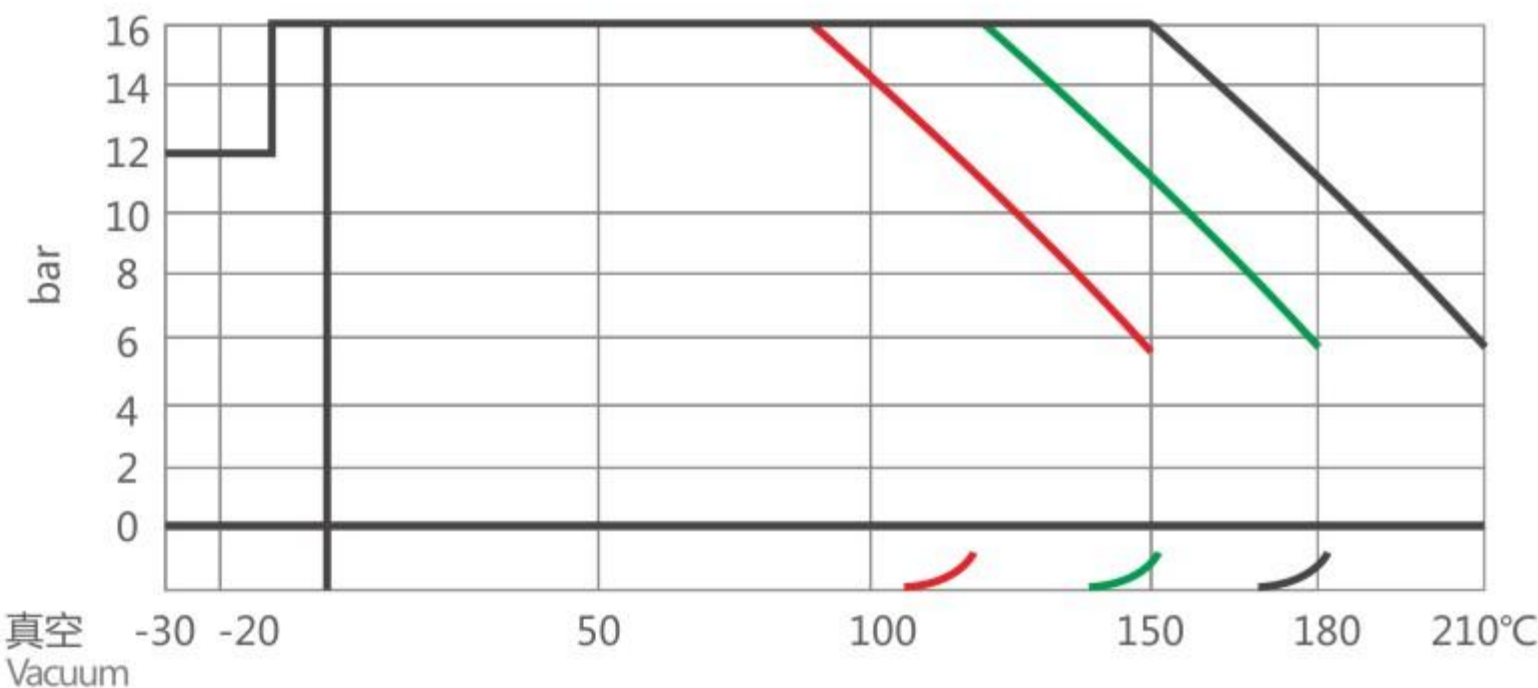
The cantilevered lip is made by the first contact between the ball and the sealing seat, which creates a buffer zone between the valve body and the sealing ring, which can automatically compensate for the wear of the valve seat, sharp changes in temperature and pressure, and plastic deformation Leakage; improved sealing performance and extended service life.

◆连接端无外漏结构设计 Design of no leakage at the connection end

阀体与阀盖、阀体与填料的连接部位是靠衬垫密封的，为防止由于高温或振动等各种因素造成的连接部位泄漏，特设计成阀体与阀盖、阀体与填料之间为金属和衬里接触，形成定止口法兰，确保无外漏。

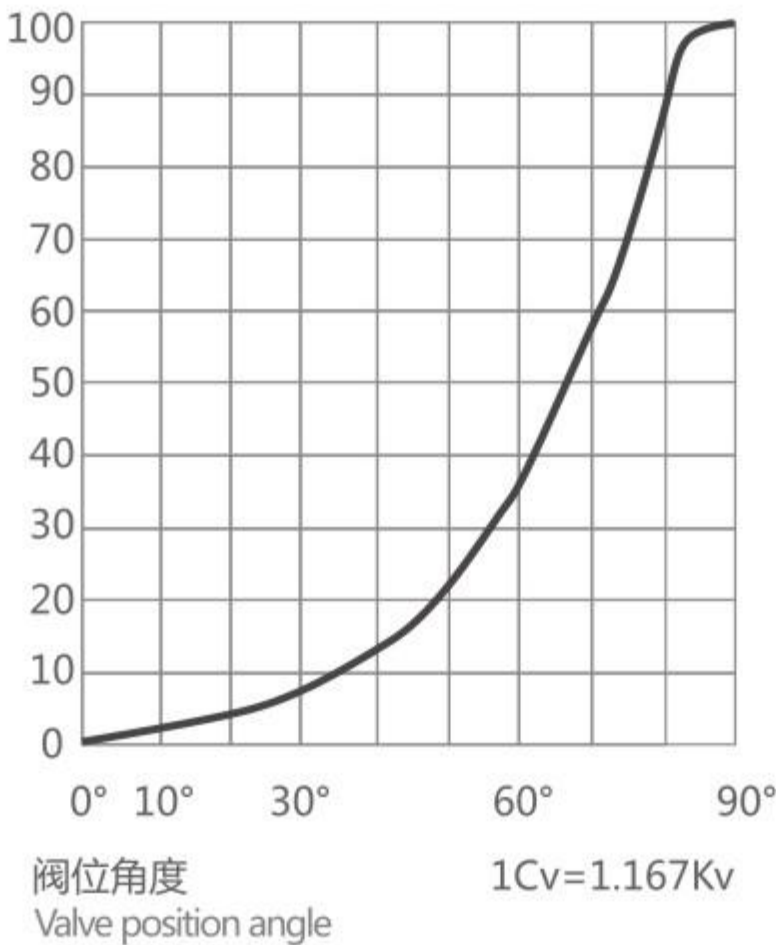
The connection parts of valve body and valve cover, valve body and packing are sealed by gasket, in order to prevent the leakage of the connection parts caused by various factors such as high temperature or vibration, it is specially designed as The metal is in contact with the lining to form a fixed-end flange to ensure no leakage.

※压力温度曲线 Pressure temperature curve



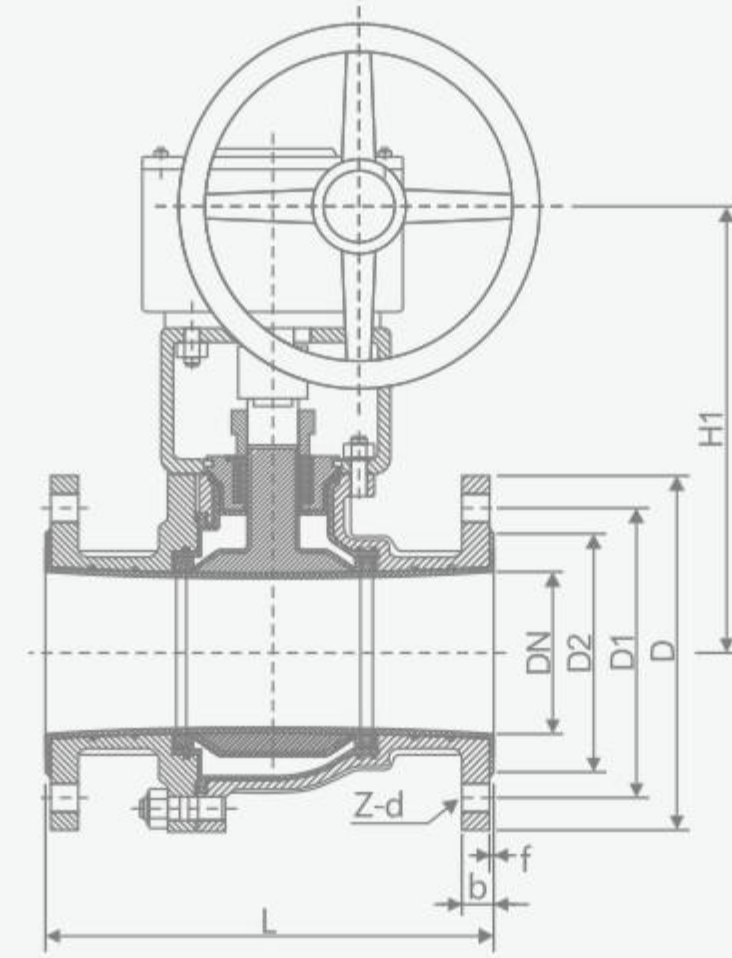
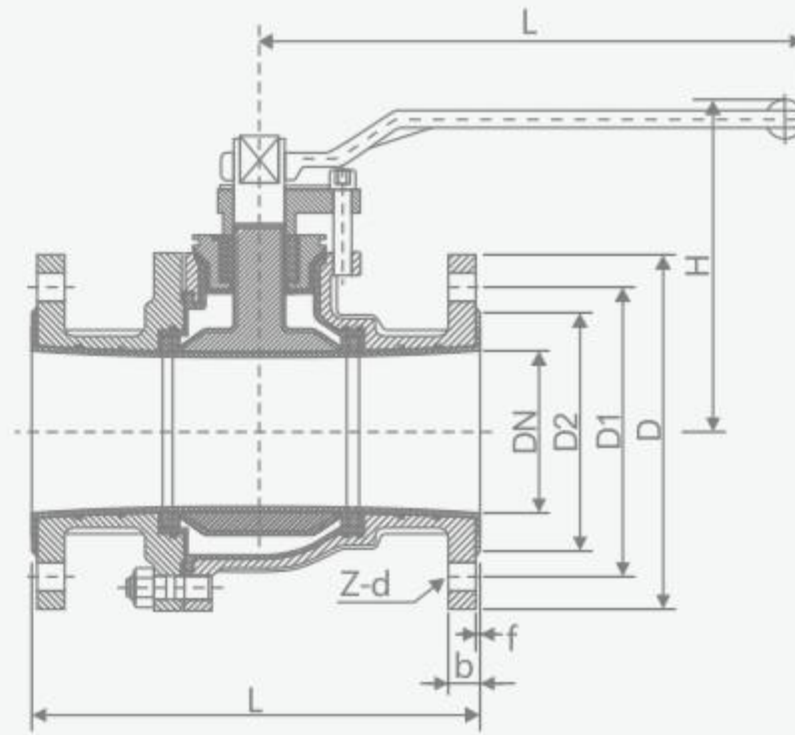
注：— PFA — PTFE — FEP

※流量特性图 Flow characteristics diagram



Lining Fluorine Ball Valve

衬氟球阀



ASME B16.5 Class150

(mm)

NPS	L	D	D1	D2	Z-d	f	b	H	W	H1	Wt(kg)
1/2	110	89	60.5	35	4-16	2	12	100	140	-	3.5
3/4	117	98	70.0	43	4-16	2	12	105	160	-	4
1	127	108	79.5	51	4-16	2	12	110	200	-	5.5
1 1/4	140	117	89.0	64	4-16	2	13	130	200	-	7
1 1/2	165	127	98.5	73	4-16	2	15	135	220	-	9
2	178	152	120.5	92	4-19	2	16	145	220	-	15.5
2 1/2	190	178	139.5	105	4-19	2	18	155	350	-	19.5
3	203	190	152.5	127	4-19	2	19	210	400	340	30
4	229	229	190.5	157	8-19	2	24	235	400	360	40
5	356	254	216.0	186	8-22	3	24	255	550	405	57
6	394	279	241.5	216	8-22	3	26	285	550	425	73.5
8	457	343	298.5	270	8-22	3	29	328	-	505	121
10	533	406	362.0	324	12-25	4	31	370	-	540	159

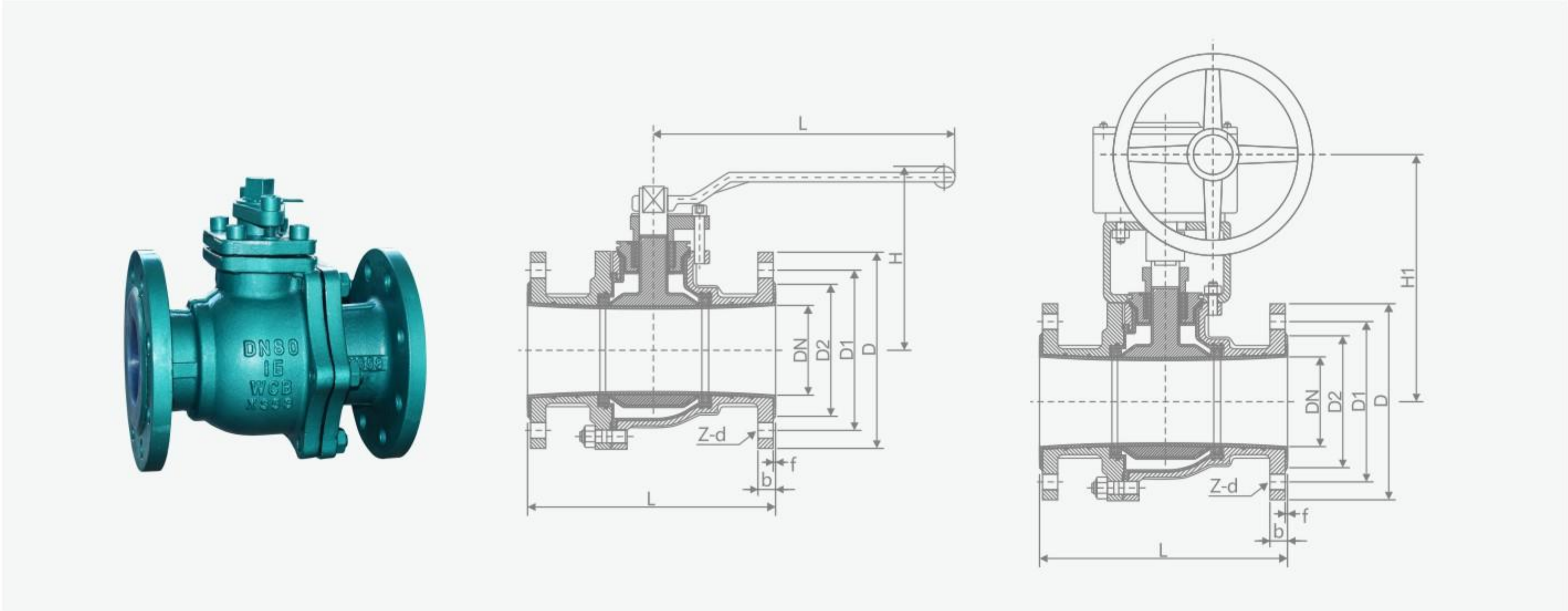
JIS B2220 10K

(mm)

DN	L	D	D1	D2	Z-d	f	b	H	W	H1	Wt(kg)
15	110	95	70	51	4-16	2	12	100	140	-	3.5
20	117	100	75	56	4-16	2	12	105	160	-	4
25	127	125	90	67	4-19	2	12	110	200	-	5.5
32	140	135	100	76	4-19	2	13	130	200	-	7
40	165	140	105	81	4-19	2	15	135	220	-	9
50	178	155	120	96	4-19	2	16	145	220	-	15.5
65	190	175	140	116	4-19	2	18	155	350	-	19.5
80	203	185	150	126	8-19	2	19	210	400	340	30
100	229	210	175	151	8-19	2	24	235	400	360	40
125	356	250	210	182	8-23	3	24	255	550	405	57
150	394	280	240	212	8-23	3	26	285	550	425	73.5
200	457	330	290	262	12-23	3	29	328	-	505	121
250	533	400	355	325	12-25	4	31	370	-	540	159

Lining Fluorine Ball Valve

衬氟球阀



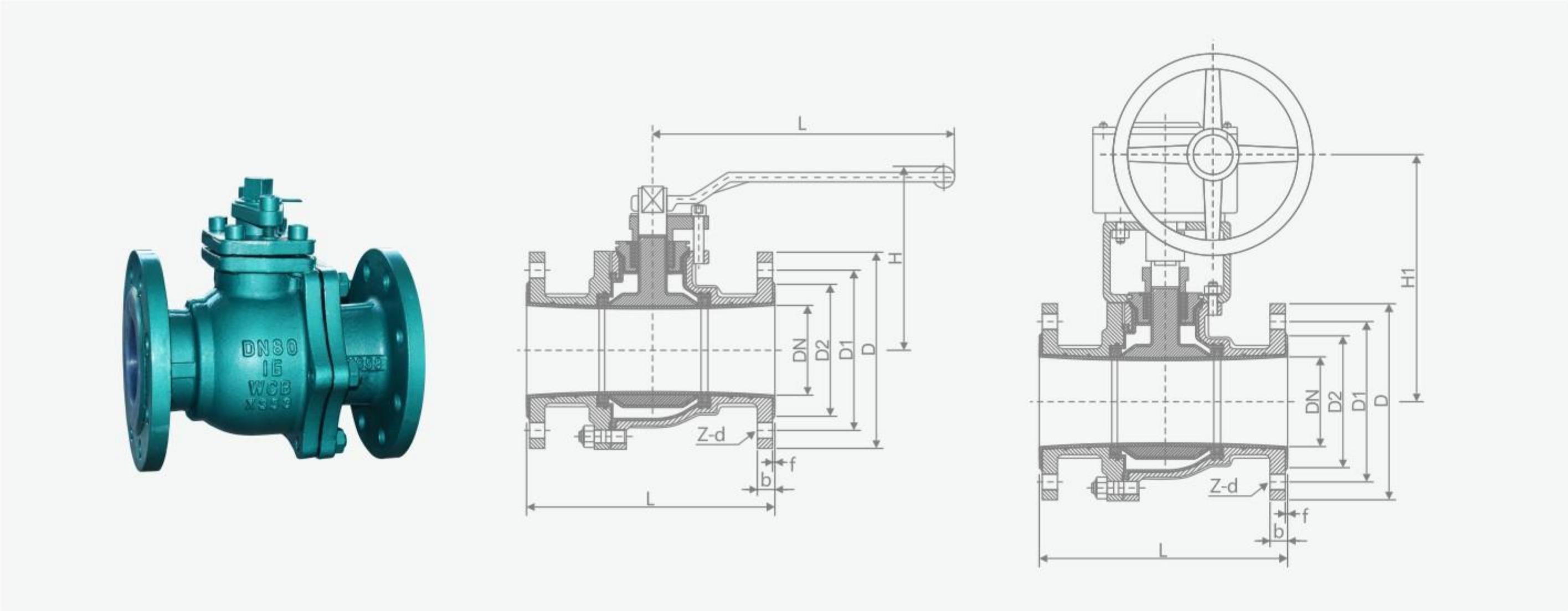
HG/T 20592 PN10

(mm)

DN	L	D	D1	D2	Z-d	f	b	H	W	H1	Wt(kg)
15	140	95	65	45	4-14	2	14	140	100	-	3.5
20	140	105	75	55	4-14	2	14	160	105	-	4
25	150	115	85	65	4-14	2	14	200	110	-	5.5
32	165	140	100	78	4-18	3	16	200	130	-	7
40	180	150	110	85	4-18	3	16	220	135	-	9
50	200	165	125	100	4-18	3	16	220	145	-	15.5
65	220	185	145	120	4-18	3	18	350	155	-	19.5
80	250	200	160	135	8-18	3	20	400	210	340	30
100	280	220	180	155	8-18	3	20	400	235	360	40
125	320	250	210	185	8-18	3	22	550	255	405	56
150	360	285	240	210	8-23	3	24	550	285	425	72
200	400/457	340	295	265	8-23	3	26	-	328	505	119
250	450/530	395	350	320	12-23	4	28	-	370	540	155
300	610	445	400	368	12-23	4	29	-	-	-	202
350	689	505	460	428	16-23	5	29	--	-	-	245

Lining Fluorine Ball Valve

衬氟球阀



HG/T 20592 PN16											(mm)
DN	L	D	D1	D2	Z-d	f	b	H	W	H1	Wt(kg)
15	140	95	65	45	4-14	2	15	140	100	-	3.5
20	140	105	75	55	4-14	2	16	160	105	-	4
25	150	115	85	65	4-14	2	16	200	110	-	5.5
32	165	140	100	78	4-18	3	16	200	130	-	7
40	180	150	110	85	4-18	3	17	220	135	-	9
50	200	165	125	100	4-18	3	18	220	145	-	15.5
65	220	185	145	120	4-18	3	20	350	155	-	19.5
80	250	200	160	135	8-18	3	22	400	210	340	30
100	280	220	180	155	8-18	3	24	400	235	360	40
125	320	250	210	185	8-18	3	26	550	255	405	57
150	360	285	240	210	8-23	3	28	550	285	425	73.5
200	400/457	340	295	265	12-23	3	30	-	328	505	121
250	450/530	405	355	320	12-25	4	30	-	370	540	159
300	610	460	410	375	12-25	4	30	-	-	-	202
350	689	520	470	435	16-25	5	34	-	-	-	250

HG/T 20592 PN16											(mm)
DN	L	D	D1	D2	Z-d	f	b	H	W	H1	Wt(kg)
15	140	95	65	45	4-14	2	16	100	140	-	3.5
20	140	105	75	55	4-14	2	16	105	160	-	4
25	150	115	85	65	4-14	2	16	110	200	-	5.5
32	165	140	100	78	4-18	3	18	130	200	-	7
40	180	150	110	85	4-18	3	18	135	220	-	9
50	200	165	125	100	4-18	3	20	145	220	-	15.5
65	220	185	145	120	8-18	3	22	155	350	-	19.5
80	250	200	160	135	8-18	3	22	210	400	340	30
100	280	235	190	160	8-23	3	24	235	400	360	44
125	320	270	220	188	8-25	3	28	255	550	405	63
150	360	300	250	218	8-25	3	30	285	550	425	79
200	400/457	360	310	278	12-25	3	34	328	-	505	124
250	450/530	425	370	332	12-30	4	36	370	-	540	162
300	610	485	490	390	16-30	4	42	510	-	-	220

GB High Platform Flanged Ball Valve

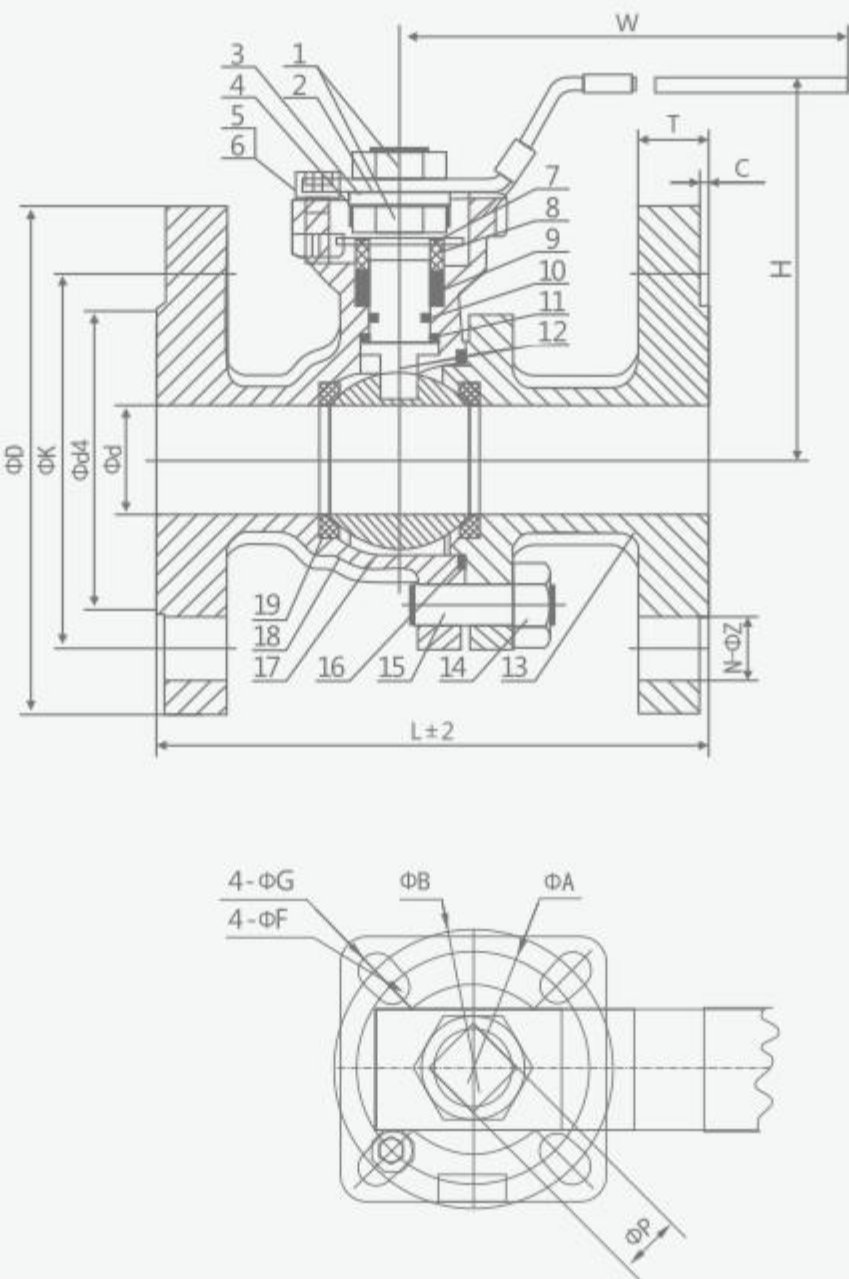
国标高平台法兰球阀

PN16/40



标准 STANDARD

设计Design: GB12237
壁厚Wall Thickness: ASME B16.34,EN12516-3
结构长度Face to face: GB12221
法兰端Flange End: JB791
检测和试验Inspection&Testing: API 598,EN12266



主要零件材料 Main parts and materials

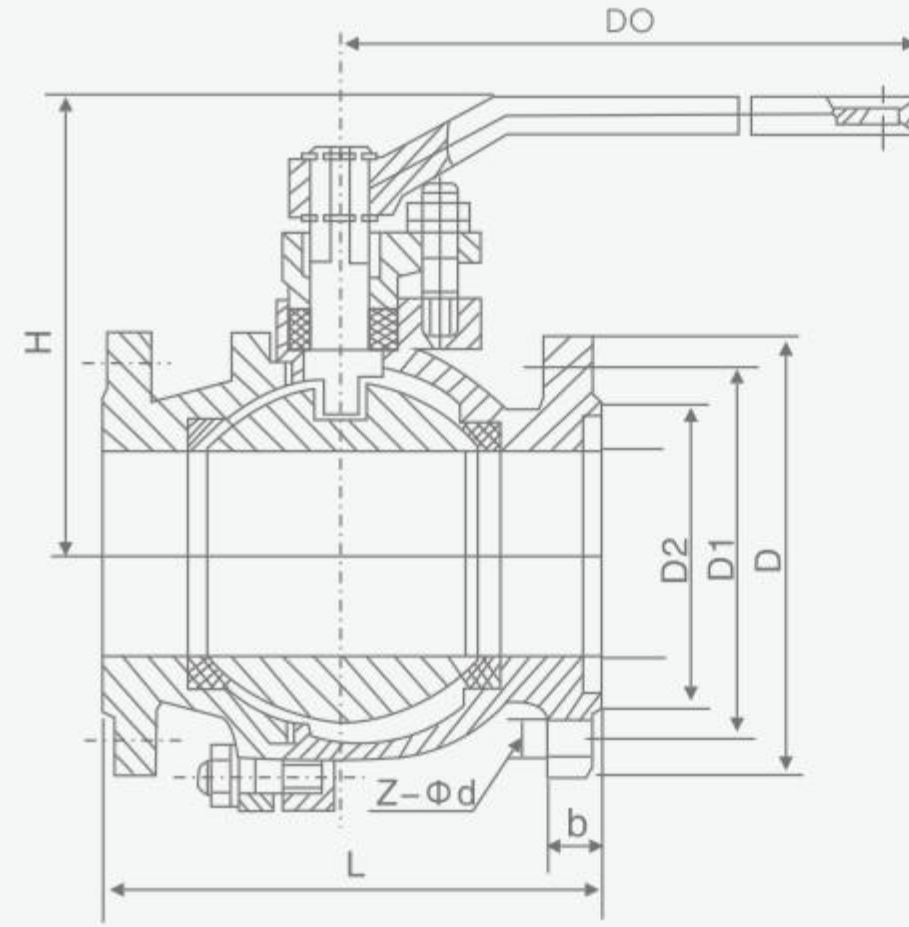
序号NO.	零件名称Part name	材质Material	序号NO.	零件名称Part name	材质Material
1	螺母 Nut	304/316	11	止推垫圈 Thrust gasket	304/316
2	手柄 Handle	304/316	12	阀杆 Stem	CF8 CF8M
3	垫片 Gasket	304/316	13	阀盖 Cap	304/316
4	防松盖 Anti loose cap	304/316	14	螺母 Nut	304/316
5	内六角螺钉 Hex screws	304/316	15	双头螺栓 Stud bolt	PTFE
6	螺母 Nut	304/316	16	密封垫 Gasket	PTFE
7	碟形弹簧 Disc spring	304/316	17	阀体 Body	CF8 CF8M
8	填料压盖 Packing gland	304/316	18	球体 Ball	304/316
9	填料 Packing	PTFE	19	阀座 Seal	PTFE
10	O形圈 O-ring	Viton			

主要外形尺寸 Main dimensions

	d	L	T	C	D	K	d4	N-Z	H	W	ISO5211					重量 Weight
											A	B	F	G	P	
1/2"	15	130	14	2	95	65	45	4-14	75	125	36	50	5.5	6	9	
3/4"	20	140	14	2	105	75	55	4-14	80	125	36	50	5.5	6	9	
1"	25	150	14	2	115	85	65	4-14	90	155	42	50	6	7	11	
1 1/2"	32	165	16	2	135	100	78	4-18	100	155	42	50	6	7	11	
1 1/2"	38	180	16	2	145	110	85	4-18	120	185	50	70	7	9	14	
2"	49	200	16	2	160	125	100	4-18	130	185	50	70	7	9	14	
2 1/2"	65	220	18	3	180	145	120	4-18	150	260	70	102	9	11	17	
3"	80	250	20	3	195	160	135	8-18	160	260	70	102	9	11	17	
4"	100	280	20	3	215	180	155	8-18	185	300	70	102	9	11	19	

JIS Flange Ball Valve

日标法兰球阀



执行标注 Administer Standard

设计与制造 Design and Manufacture	结构长度 Face to Face	法兰尺寸 Flange Dimension	压力-温度 Pressure Temperature Rating	试验-检验 Inspection and Test
BS 5351	JIS B2002	JIS B2212 B2214	JIS B2201	JIS B2003

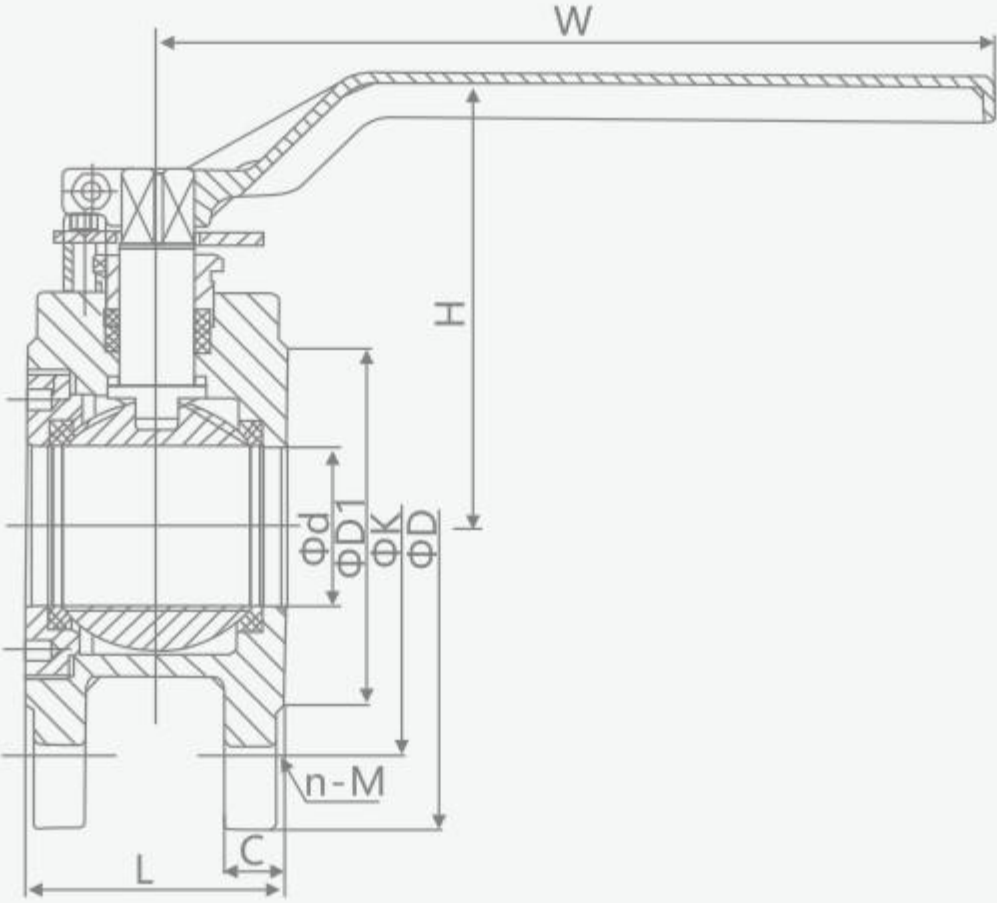
规格主要尺寸 Size Main Dimensions

DN		10K							
mm	in	L	D	D1	D2	B	Z-Φd	H	D0
15	½"	108	95	70	52	12	4-Φ15	59	130
20	¾"	117	100	75	58	14	4-Φ15	63	130
25	1"	127	125	90	70	14	4-Φ19	75	160
32	1¼"	140	135	100	80	16	4-Φ19	75	160
40	1½"	165	140	105	85	16	4-Φ19	95	230
50	2"	178	155	120	100	16	4-Φ19	107	230
65	2½"	190	175	140	120	18	4-Φ19	142	400
80	3"	203	185	150	130	18	8-Φ19	152	400
100	4"	229	210	175	155	18	8-Φ19	178	700
125	5"	356	250	210	185	20	8-Φ23	252	1100
150	6"	394	280	240	215	22	8-Φ23	272	1100
200	8"	457	330	290	265	22	12-Φ23	342	1500
		20K							
15	½"	140	95	70	52	14	4-Φ15	59	130
20	¾"	152	100	75	58	16	4-Φ15	63	130
25	1"	165	125	90	70	16	4-Φ19	75	160
32	1¼"	178	135	100	80	18	4-Φ19	75	160
40	1½"	190.5	140	105	85	18	4-Φ19	95	230
50	2"	216	155	120	100	18	8-Φ19	107	230
65	2½"	241	175	140	120	20	8-Φ19	142	400
80	3"	283	200	160	135	22	8-Φ22	152	400
100	4"	305	225	185	160	24	8-Φ22	178	700
125	5"	381	270	225	195	26	8-Φ22	252	1100
150	6"	403	305	260	230	28	12-Φ22	272	1100
200	8"	502	350	305	275	30	12-Φ25	342	1500

Wafer Type Ball Valve

对夹薄型球阀

Q41F-(16-64)C、P、R、Ti、Ni



性能规范 SPECIFICATIONS

公称压力: 1.6, 2.5, 4.0, 6.4MPa
强度试验压力: PT2.4, 3.8, 6.0, 9.6MPa
低压气密封试验压力: 0.6MPa
适用介质: Q41F-(16-64)C 水、油品、气
适用温度: -29°C~150°C
适用介质: Q41F-(16-64)P 硝酸类
Q41F-(16-64)R 醋酸类
适用温度: -29°C~150°C

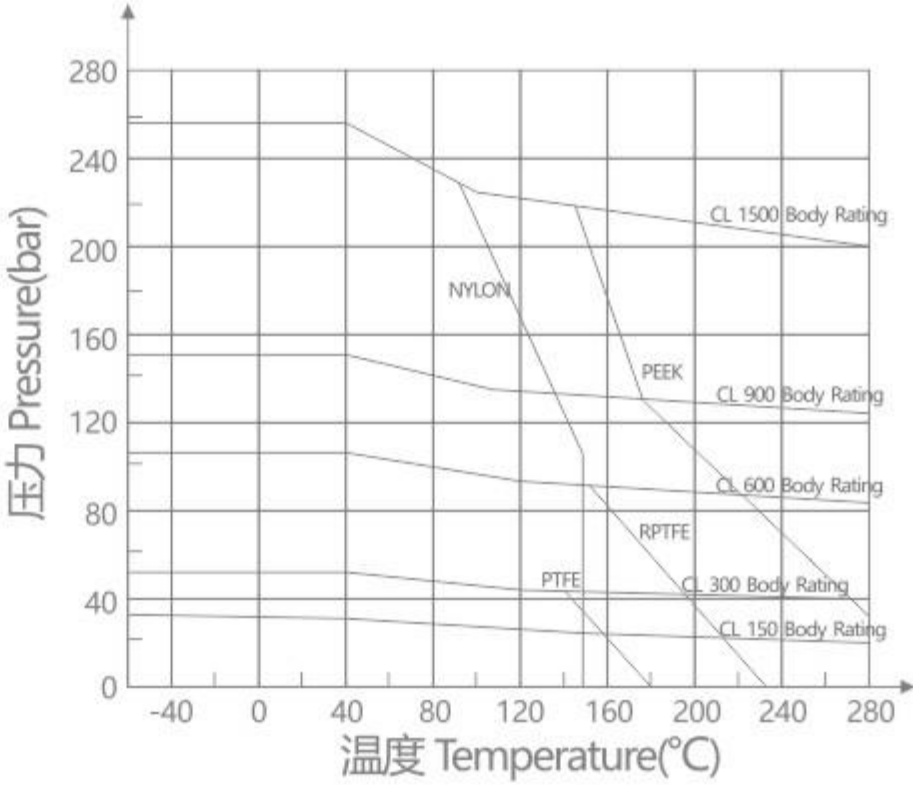
Nominal pressure: 1.6, 2.5, 4.0, 6.4MPa
Strength testing pressure: PT2.4, 3.8, 6.0, 9.6MPa
Seat testing pressure(low pressure): 0.6MPa
Applicable media: Q41F-(16-64)C Water,Oil,Gas
Applicable temperature: -29°C~150°C
Applicable media: Q41F-(16-64)P Nitric acid
Q41F-(16-64)R Acetic acid
Applicable temperature: -29°C~150°C

主要零件材料 Materials of main parts

材料名称 Material Name	Q41F-(16-64)C	Q41F-(16-64)P	Q41F-(16-64)R
阀体 Body	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
阀盖 Bonnet	WCB	ZG1Cr18Ni9Ti CF8	ZG1Cr18Ni12Mo2Ti CF8M
球体 Ball	1Cr18Ni9Ti 304	1Cr18Ni9Ti 304	1Cr18Ni12Mo2Ti316
阀杆 Stem	1Cr18Ni9Ti 304	1Cr18Ni9Ti 304	1Cr18Ni12Mo2Ti316
密封圈 Sealing	聚四氟乙烯 Polytetrafluorethylene (PTFE)		
填料 Gland Packing	聚四氟乙烯 Polytetrafluorethylene (PTFE)		

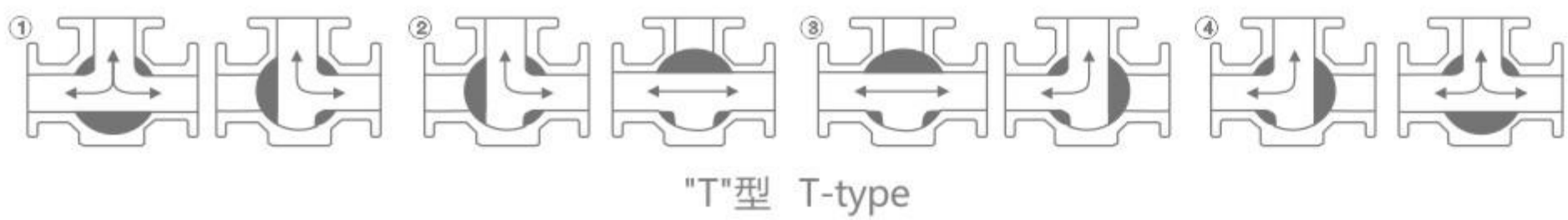
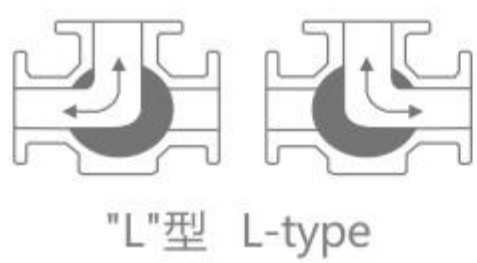
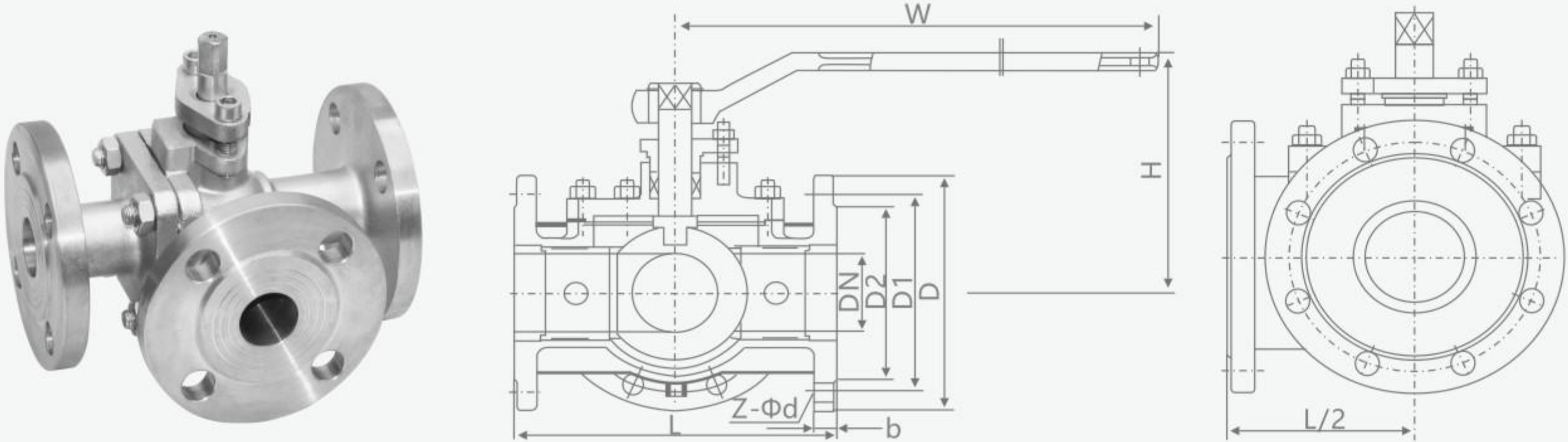
主要外形尺寸和连接尺寸(PN16) The main dimensions and connection dimensions

DN	d	L	D	K	D1	C	H	N-Φ	W
15	15	33	95	65	46	14	65	4-M12	110
20	20	37	105	75	56	14	70	4-M12	125
25	25	44	115	85	65	14	80	4-M12	140
32	32	52	135	100	76	16	90	4-M16	180
40	38	62	145	110	85	16	96	4-M16	180
50	50	72	160	125	100	16	104	4-M16	200
65	58	90	180	145	118	18	110	4-M16	200
80	76	120	195	160	132	20	130	8-M16	260
100	90	143	215	180	156	20	145	8-M16	280
125	100	200	245	210	185	22	180	8-M18	320
150	125	225	480	240	207	24	200	8-M23	30



GB Flange Tee Ball Valve
国标法兰三通球阀

Q44/644/944/45/645/945F-16C/P

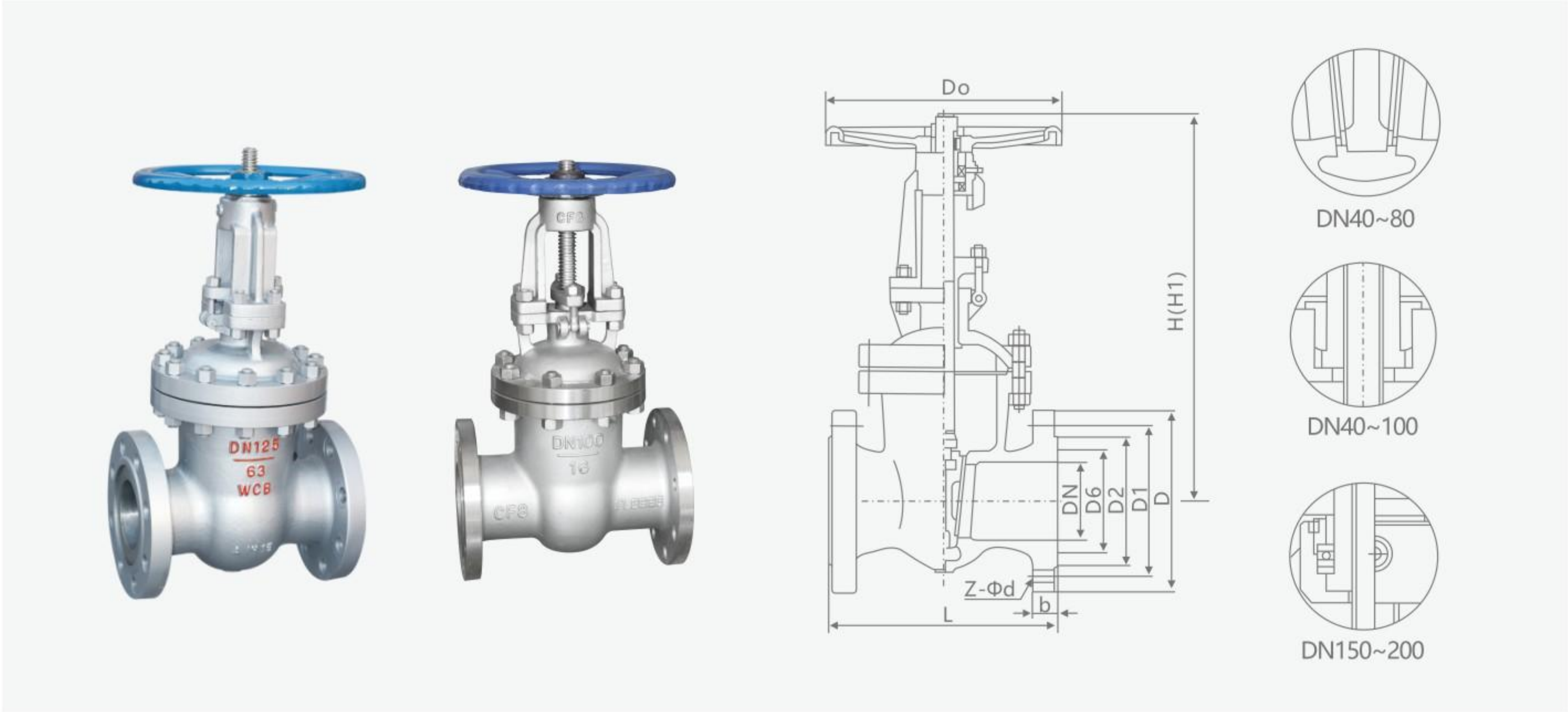


主要外形和连接尺寸 Main external and connection dimension JB/T79.1

公称通径 DN	主要外形尺寸和连接尺寸(mm) Main external and connection dimensions								WT(kg)
	L	D	D1	D2	b	Z-Φd	H	W	
Q44F-16C Q44F-16P Q644F-16C Q644F-16P Q944F-16C Q944F-16P Q45F-16C Q45F-16P Q645F-16C Q645F-16P Q945F-16C Q945F-16P									
15	150	95	65	45	14	4-Φ14	95	140	4
20	160	105	75	55	14	4-Φ14	105	160	8
25	180	115	85	65	14	4-Φ14	113	180	7
32	200	135	100	78	16	4-Φ18	135	250	12
40	220	145	110	85	16	4-Φ18	142	300	15
50	240	160	125	100	16	4-Φ18	165	350	20
65	260	180	145	120	18	4-Φ18	175	350	25
80	280	195	160	135	20	8-Φ18	190	400	36
100	320	215	180	155	20	8-Φ18	225	500	51
125	380	245	210	185	22	8-Φ18	245	600	77
150	440	280	240	210	24	8-Φ23	265	800	108
200	550	335	295	265	26	12-Φ23	305	800	126
250	670	405	355	320	30	12-Φ25	370	1300	185

GB Flange Gate Valve

国标法兰闸阀



标准

设计与制造按GB/T12234
结构长度按GB/T12221
法兰连接尺寸按JB/T79
检验按JB/T9092

STANDARDS

Design and manufacture as GB/T12234
Face to face dimensions as GB/T12221
End flange dimension as JB/T79
Pressure test as JB/T9092

试验压力 Test Pressure

试验项目 Test Item		壳体试验 Shell Test	密封试验 Seal Test	上密封试验 Back Seal Test	气密封试验 Air Seal Test
介质 Medium		水 Water			气 Air
单位 Unit		MPa	MPa	MPa	MPa
公称压力 Nominal Pressure PN(MPa)	1.0	1.5	1.1	1.1	0.5~0.7
	1.6	2.4	1.8	1.8	
	2.5	3.8	2.8	2.8	
	4.0	6.0	4.4	4.4	
	6.4	9.6	7.0	7.0	
	10.0	15.0	11.0	11.0	
	16.0	24.0	18.0	18.0	

主要零件材料 Materials for Main Parts

名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
闸板 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀杆 Stem	F304	F304L	F316	F316L	2CR13	F304	F304	F304	F304
阀杆螺母 Stem Nut	铝青铜 Aluminium Bronze								
填料 Packing	PTFF				石墨 Graphite				
垫片 Gasket	PTFF				石墨 Graphite				
压盖 Gland	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
螺栓 Bolt	不锈钢 Stainless Steel				35CrMoA				
螺母 Nut	不锈钢 Stainless Steel				45、35CrMoA				
手轮 Handwheel	铸钢 Cast Steel								

GB Flange Gate Valve

国标法兰闸阀

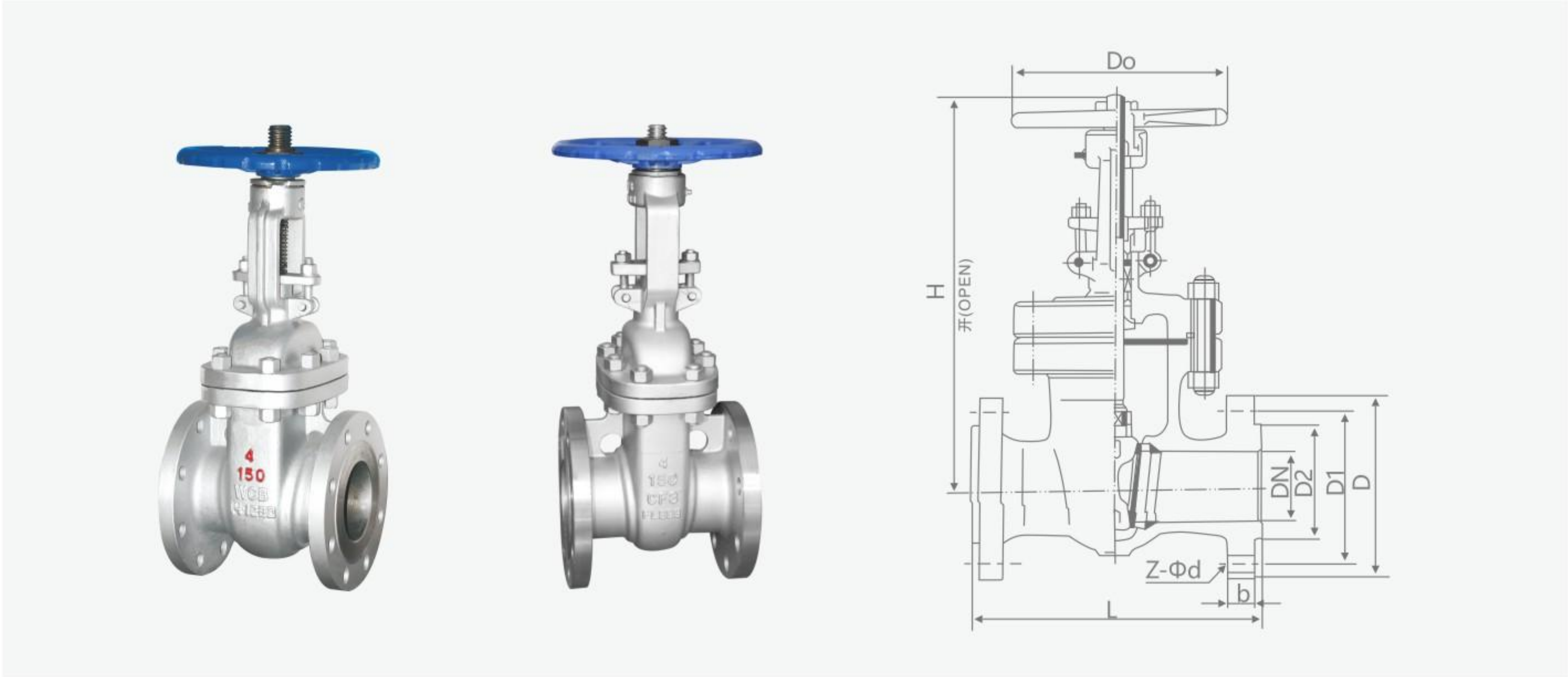
主要连接尺寸 Main Connection Dimensions

型号 Type	公称通径 DN(mm)	尺寸 Dimensions							
		L	D	D1	D2	b-f	z-Φd	H	Do
Z41W-10 ^H Y	15	130	95	65	45	12-2	4-Φ14	185	120
	20	150	105	75	55	14-2	4-Φ14	200	120
	25	160	115	85	65	14-2	4-Φ14	225	140
	32	180	135	100	78	16-2	4-Φ18	275	160
	40	165	145	110	85	16-3	4-Φ18	290	160
	50	180	160	125	100	16-3	4-Φ18	345	200
	Z641W-10 ^H Y	65	195	180	145	18-3	4-Φ18	360	220
		80	210	195	160	18-3	4-Φ18	380	240
		100	230	215	180	20-3	8-Φ18	430	280
	Z941W-10 ^H Y	125	255	245	210	22-3	8-Φ18	520	300
		150	280	280	240	22-3	8-Φ23	600	320
		200	330	335	295	22-3	8-Φ23	765	400
		250	380	390	350	24-3	12-Φ23	930	450
		300	420	440	400	26-3	12-Φ23	1080	500
	Z41W-16 ^H Y	15	130	95	65	14-2	4-Φ14	185	120
		20	150	105	75	14-2	4-Φ14	200	120
		25	160	115	85	14-2	4-Φ14	225	140
		32	180	135	100	16-2	4-Φ18	275	160
		40	200	145	110	16-3	4-Φ18	295	200
		50	250	160	125	16-3	4-Φ18	350	220
		65	265	180	145	18-3	4-Φ18	370	240
		80	280	195	160	20-3	8-Φ18	390	280
		100	300	215	180	20-3	8-Φ18	435	300
		125	325	245	210	22-3	8-Φ18	520	320
		150	350	280	240	24-3	8-Φ23	610	350
		200	400	335	295	26-3	12-Φ23	785	400
		250	450	405	355	30-3	12-Φ25	930	450
		300	500	460	410	30-4	12-Φ25	1080	500
	Z41W-25 ^H Y	15	130	95	65	16-2	4-Φ14	185	120
		20	150	105	75	16-2	4-Φ14	200	120
		25	160	115	85	16-2	4-Φ14	225	140
		32	180	135	100	18-2	4-Φ18	275	160
		40	200	145	110	18-3	4-Φ18	295	200
		50	250	160	125	20-3	4-Φ18	350	220
		65	265	180	145	22-3	8-Φ18	370	240
		80	280	195	160	22-3	8-Φ18	390	280
		100	300	230	190	24-3	8-Φ23	435	300
		125	325	270	220	28-3	8-Φ25	520	320
		150	350	300	250	30-3	8-Φ25	610	350
		200	400	360	310	34-3	12-Φ25	785	400
		250	450	425	370	36-3	12-Φ30	930	450
		300	500	485	430	40-4	16-Φ30	1080	500

型号 Type	公称通径 DN(mm)	L	D	D1	D2	D6	b-f	f ₁	z-Φd	H
Z41W-40 ^H Y	15	130	95	65	45	40	16-2	4	4-Φ14	185
	20	150	105	75	55	51	16-2	4	4-Φ14	200
	25	160	115	85	65	58	16-2	4	4-Φ14	225
	32	180	135	100	78	66	18-2	4	4-Φ18	275
	40	200	145	110	85	76	18-3	4	4-Φ18	295
	50	250	160	125	100	88	20-3	4	4-Φ18	350
Z641W-40 ^H Y	65	280	180	145	120	110	22-3	4	8-Φ18	370
	80	310	195	160	135	121	22-3	4	8-Φ18	390
	100	350	230	190	160	150	24-3	4.5	8-Φ23	435
Z941W-40 ^H Y	125	400	270	220	188	176	28-3	4.5	8-Φ25	520
	150	450	300	250	218	204	30-3	4.5	8-Φ25	610
	200	550	375	320	282	260	38-3	4.5	12-Φ30	970
	250	650	445	385	345	313	42-3	4.5	12-Φ34	930
	300	750	510	450	408	364	46-4	4.5	16-Φ34	1080

ANSI/ASME Flange Gate Valve

美标法兰闸阀



标准

设计与制造按API600, ANSI B16.34
结构长度按ANSI B16.10
法兰连接尺寸按ANSI B16.5
压力温度额定值按ANSI B16.34
检验按API 598

STANDARDS

Design and manufacture as API600,ANSI B16.34
Fane to face dimensions as ANSI B16.10
End flange dimension as ANSI B16.5
Pressure-temperature rating as ANSI B16.34
Pressure test as API 598

试验压力 Test Pressure

试验项目 Test Item		壳体试验 Shell Test		密封试验 Seal Test		上密封试验 Back Seal Test		气密封试验 Air Seal Test	
介质 Medium		水 Water						气 Air	
单位 Unit		MPa	lbf/in ²	MPa	lbf/in ²	MPa	lbf/in ²	MPa	lbf/in ²
压力等级 (磅级) Pressure (Class)	150	3.1	450	2.2	315	2.2	315	0.5~0.7	60~100
	300	7.8	1125	5.6	815	5.6	815		
	400	10.3	1500	7.6	1100	7.6	1100		
	600	15.3	2225	11.2	1630	11.2	1630		
	900	23.1	3350	16.8	2440	16.8	2440		
	1500	38.4	5575	28.1	4080	28.1	4080		

主要零件材料 Materials for Main Parts

名称Name	材料Material								
阀体Body 阀盖Bonnet 闸板Wedge	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
阀杆Stem	A182 F6	A182 F304					A182 F316	A182 F304L	A182 F316L
阀杆螺母 Stem Nut	ZcuAl10Fe3 Bronze								
手轮Handwheel	KTH350-10								
螺柱Bonnet Bolt	A193-B7 A320-L7 A193-B8								
螺母 Nut	A194-2H A194-7 A194-8								

ANSI/ASME Flange Gate Valve

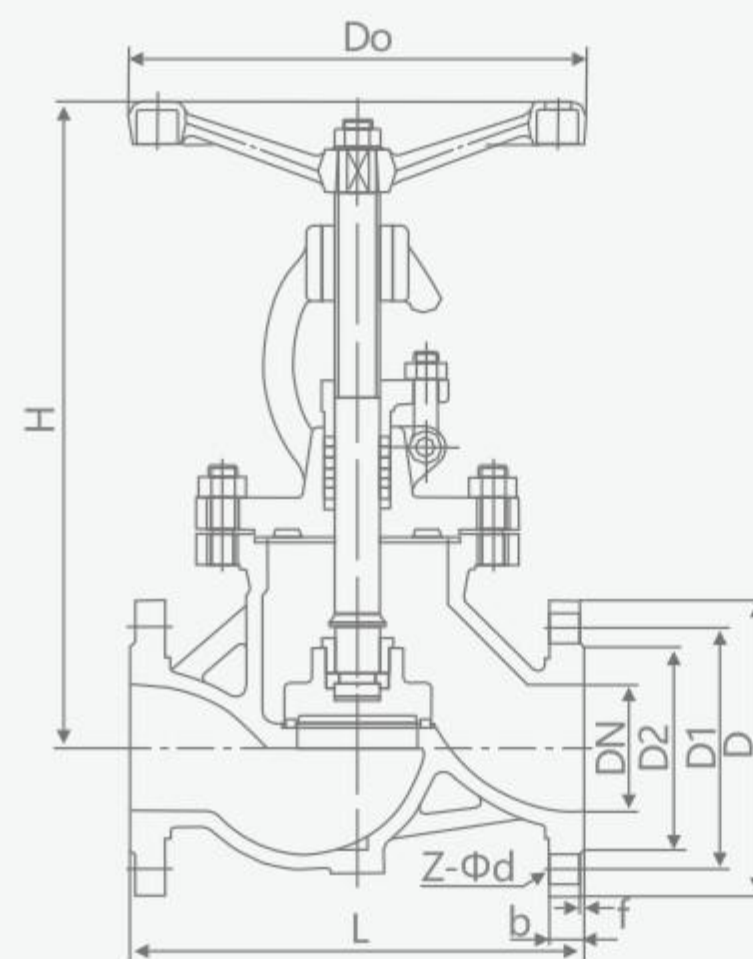
美标法兰闸阀

主要连接尺寸 Main Connection Dimensions

型号 Type	型号规格 Size(mm)		尺寸 Dimension(mm)							
	Inch	DN	L	D	D1	D2	b	z-Φd	H	Do
H Z40W-150Lb Y	½"	15	108	90	60.3	34.9	9.6	4-16	180	120
	¾"	20	117	100	69.9	42.9	11.2	4-16	185	120
	1"	25	127	110	79.4	50.8	12.7	4-16	225	140
	1¼"	32	140	115	88.9	63.5	14.3	4-16	245	160
	1½"	40	165	125	98.4	73	15.9	4-16	310	180
	2"	50	178	150	120.7	92.1	17.5	4-19	335	200
	2½"	65	190	180	139.7	104.8	20.7	4-19	350	220
	3"	80	203	190	152.4	127	22.3	4-19	420	240
	4"	100	229	230	190.5	157.2	22.3	4-19	485	280
	5"	125	254	255	215.9	185.7	22.3	8-22	515	300
	6"	150	267	280	241.3	215.9	23.9	8-22	565	320
	8"	200	292	345	298.5	269.9	27	8-22	760	400
	10"	250	330	405	362	323.8	28.6	12-25	950	450
	12"	300	356	485	431.8	381	30.2	12-25	1075	500
	14"	350	381	535	476.3	412.8	33.4	12-29	1160	500
	16"	400	406	595	539.8	469.9	35	16-29	1345	550
	18"	450	432	635	577.9	533.4	38.1	16-32	1450	550
	20"	500	457	700	635	584.2	41.3	20-32	1600	600
	24"	600	508	815	749.3	692.2	46.1	20-35	1720	650
	26"	650	559	870	806.5	749	68	24-35	1820	650
28"	700	610	927	864	800	71	28-35	2000	700	
30"	750	610	984	914.5	857	75	28-35	2200	700	
32"	800	660	1060	978	914	81	28-41	2400	750	
36"	900	711	1168	1086	1022	90	32-41	2600	800	
H Z40W-300Lb Y	½"	15	140	95	66.7	34.9	12.7	4-16	190	120
	¾"	20	152	115	82.6	42.9	14.3	4-19	200	120
	1"	25	165	125	88.9	50.8	15.9	4-19	225	140
	1¼"	32	178	135	98.4	63.5	17.5	4-19	255	160
	1½"	40	190	155	114.3	73	19.1	4-22	320	180
	2"	50	216	165	127	92.1	20.7	8-19	360	220
	2½"	65	241	190	149.2	104.8	23.9	8-22	400	240
	3"	80	283	210	168.3	127	27	8-22	455	280
	4"	100	305	255	200	157.2	30.2	8-22	500	300
	5"	125	381	280	235	185.7	33.4	8-22	555	320
	6"	150	403	320	269.9	215.9	35	12-22	650	350
	8"	200	419	380	330.2	269.9	39.7	12-25	900	450
	10"	250	459	445	387.4	323.8	46.1	16-29	970	500
	12"	300	502	520	450.8	381	49.3	16-32	1110	550
	14"	350	762	585	514.4	412.8	52.4	20-32	1220	600
	16"	400	838	650	571.5	469.9	55.6	20-35	1430	650
	18"	450	914	710	628.6	533.4	58.8	24-35	1510	700
	20"	500	991	775	685.8	584.2	62	24-35	1680	750
	24"	600	1143	915	812.8	692.2	68.3	24-41	1820	800
	26"	650	1245	972	876.5	749	79	28-45	1920	850
28"	700	1345	1035	940	800	86	28-45	2100	900	
H Z40W-600Lb Y	½"	15	165	95	66.7	34.9	14.3	4-16	190	120
	¾"	20	190	115	82.6	42.9	15.9	4-19	200	120
	1"	25	216	125	88.9	50.8	17.5	4-19	230	140
	1¼"	32	229	135	98.4	63.5	20.7	4-19	260	160
	1½"	40	241	155	114.3	73	22.3	4-22	330	180
	2"	50	292	165	127	92.1	25.4	8-19	380	250
	2½"	65	330	190	149.2	104.8	28.6	8-22	420	300
	3"	80	356	210	168.3	127	31.8	8-22	470	300
	4"	100	432	275	215.9	157.2	38.1	8-25	570	350
	5"	125	508	330	266.7	185.7	44.5	8-29	650	450
	6"	150	559	355	292.1	215.9	47.7	12-29	700	450
	8"	200	660	420	349.2	269.9	55.6	12-32	880	500
	10"	250	787	510	431.8	323.8	63.5	16-35	1020	600
	12"	300	838	560	489	381	66.7	20-35	1230	700
	14"	350	889	605	527	412.8	69.9	20-39	1300	750
	16"	400	991	685	603.2	469.9	76.2	20-41	1450	800
	18"	450	1092	745	654	533.4	82.6	20-44	1550	850
	20"	500	1194	815	723.9	584.2	88.9	24-44	1720	900
	24"	600	1397	940	838.2	692.2	101.6	24-51	1860	950

GB Flange Globe Valve

国标法兰截止阀



标准

设计与制造按GB/T12235
结构长度按GB/T12221
法兰连接尺寸按JB/T79
检验按JB/T9092

STANDARDS

Design and manufacture as GB/T12235
Face to face dimensions as GB/T12221
End flange dimension as JB/T79
Pressure test as JB/T9092

试验压力 Test Pressure

试验项目 Test Item		壳体试验 Shell Test	密封试验 Seal Test	上密封试验 Back Seal Test	气密封试验 Air Seal Test
介质 Medium		水 Water			气 Air
单位 Unit		MPa	MPa	MPa	MPa
公称压力 Nominal Pressure PN(MPa)	1.6	2.4	1.8	1.8	0.5~0.7
	2.5	3.8	2.8	2.8	
	4.0	6.0	4.4	4.4	
	6.4	9.6	7.0	7.0	
	10.0	15.0	11.0	11.0	
	16.0	24.0	18.0	18.0	

主要零件材料 Materials for Main Parts

名称Name	材料Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀瓣 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀杆 Stem	F304	F304L	F316	F316L	2CR13	F304	F304	F304	F304
阀杆螺母 Stem Nut	铝青铜 Aluminium Bronze								
填料 Packing	PTFF				石墨 Graphite				
垫片 Gasket	PTFF				石墨 Graphite				
压盖 Gland	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
螺栓 Bolt	不锈钢 Stainless Steel				35CrMoA				
螺母 Nut	不锈钢 Stainless Steel				45、35CrMoA				
手轮 Handwheel	铸钢 Cast Steel								

GB Flange Globe Valve

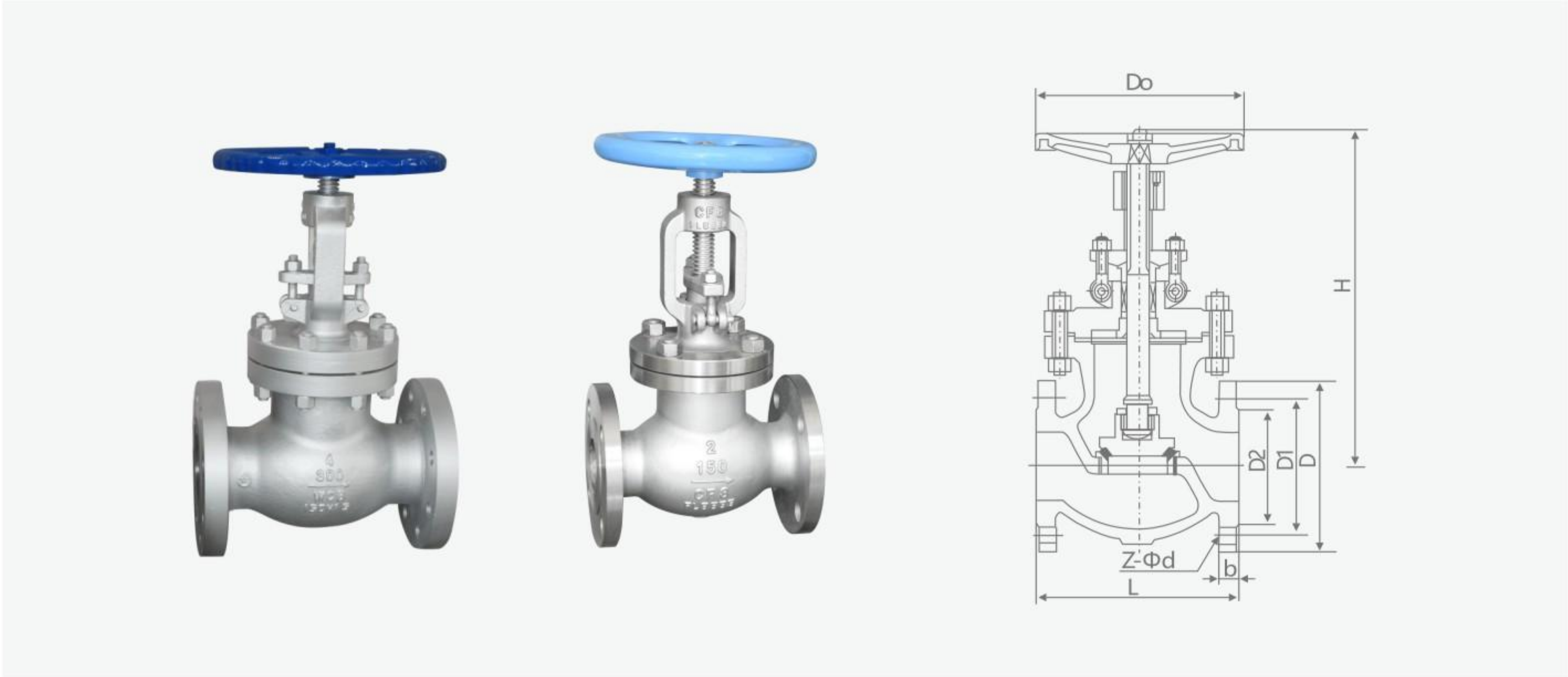
国标法兰截止阀

主要连接尺寸 Main Connection Dimensions

型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)							
		L	D	D1	D2	b-f	z-Φd	H	Do
H J41W-16 Y H J641W-16 Y H J941W-16 Y	15	130	95	65	45	14-2	4-Φ14	190	100
	20	150	105	75	55	14-2	4-Φ14	200	120
	25	160	115	85	65	14-2	4-Φ14	225	140
	32	180	135	100	78	16-2	4-Φ18	235	160
	40	200	145	110	85	16-3	4-Φ18	265	200
	50	230	160	125	100	16-3	4-Φ18	280	220
	65	290	180	145	120	18-3	4-Φ18	350	240
	80	310	195	160	135	20-3	8-Φ18	360	280
	100	350	215	180	155	20-3	8-Φ18	410	320
	125	400	245	210	185	22-3	8-Φ18	450	350
	150	480	280	240	210	24-3	8-Φ23	480	400
	200	600	335	295	265	26-3	12-Φ23	600	450
	250	650	405	355	320	30-3	12-Φ25	720	550
	300	750	460	410	375	30-3	12-Φ25	950	650
	350	850	520	470	435	34-4	16-Φ25	1040	750
	400	950	580	525	485	36-4	16-Φ30	1150	800
	450	1050	640	585	545	40-4	20-Φ30	1250	850
H J41W-25 Y H J641W-25 Y H J941W-25 Y	500	1150	705	650	608	44-4	20-Φ34	1380	950
	15	130	95	65	45	16-2	4-Φ14	190	100
	20	150	105	75	55	16-2	4-Φ14	200	120
	25	160	115	85	65	16-2	4-Φ14	225	140
	32	180	135	100	78	18-2	4-Φ18	235	160
	40	200	145	110	85	18-3	4-Φ18	265	200
	50	230	160	125	100	20-3	4-Φ18	280	220
	65	290	180	145	120	22-3	8-Φ18	350	240
	80	310	195	160	135	22-3	8-Φ18	360	280
	100	350	230	190	160	24-3	8-Φ23	410	320
	125	400	270	220	188	28-3	8-Φ25	450	350
	150	480	300	250	218	30-3	8-Φ25	480	400
	200	600	360	310	278	34-3	12-Φ25	600	450
	250	650	425	370	335	36-3	12-Φ30	720	550
	300	750	485	430	390	40-4	16-Φ30	950	650
	350	850	550	490	448	44-4	16-Φ34	1040	750
	400	950	610	550	505	48-4	16-Φ34	1150	800
	450	1050	660	600	555	50-4	20-Φ34	1250	850
H J41W-40 Y H J641W-40 Y H J941W-40 Y	500	1150	730	660	610	52-4	20-Φ41	1380	950
	15	130	95	65	45	16-2	4-Φ14	190	100
	20	150	105	75	55	16-2	4-Φ14	200	120
	25	160	115	85	65	16-2	4-Φ14	225	140
	32	180	135	100	78	18-2	4-Φ18	235	160
	40	200	145	110	85	18-3	4-Φ18	265	200
	50	230	160	125	100	20-3	4-Φ18	280	220
	65	290	180	145	120	22-3	8-Φ18	350	240
	80	310	195	160	135	22-3	8-Φ18	360	280
	100	350	230	190	160	24-3	8-Φ23	410	320
	125	400	270	220	188	28-3	8-Φ25	450	350
	150	480	300	250	218	30-3	8-Φ25	480	400
	200	600	375	320	282	38-3	12-Φ30	600	450
	250	650	445	385	345	42-3	12-Φ34	720	550
	300	750	510	450	408	46-4	16-Φ34	950	650
	350	850	570	510	465	52-4	16-Φ34	1050	750
	400	950	655	585	535	58-4	16-Φ41	1170	800
	450	1050	680	610	560	60-4	20-Φ41	1400	850

ANSI/ASME Flange Globe Valve

美标法兰截止阀



标准

设计与制造按BS1873, ANSI B16.34
结构长度按ANSI B16.10
法兰链接尺寸按ANSI B16.5
压力温度额定值按ANSI B16.34
检验按API 598

STANDARDS

Design and manufacture as BS1873,ANSI B16.34
Fane to face dimensions as ANSI B16.10
End flange dimension as ANSI B16.5
Pressure-temperature ratings as ANSI B16.34
Pressure test as API 598

试验压力 Test Pressure

试验项目 Test Item		壳体试验 Shell Test		密封试验 Seal Test		上密封试验 Back Seal Test		气密封试验 Air Seal Test	
介质 Medium		水 Water						气 Air	
单位 Unit		MPa	lbf/in ²	MPa	lbf/in ²	MPa	lbf/in ²	MPa	lbf/in ²
压力等级 (磅级) Pressure (Class)	150	3.1	450	2.2	315	2.2	315	0.5~0.7	60~100
	300	7.8	1125	5.6	815	5.6	815		
	400	10.3	1500	7.6	1100	7.6	1100		
	600	15.3	2225	11.2	1630	11.2	1630		
	900	23.1	3350	16.8	2440	16.8	2440		

主要零件材料 Materials for Main Parts

名称 Name	材料 Material								
阀体Body 阀盖Bonnet 阀瓣Wedge	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
阀杆Stem	A182 F6	A182 F304					A182 F316	A182 F304L	A182 F316L
阀杆螺母Stem Nut	ZcuAl10Fe3 Bronze								
手轮Handwheel	KTH350-10								
螺柱Bonnet Bolt	A193-B7 A320-L7 A193-B8								
螺母Nut	A194-2H A194-7 A194-8								

ANSI/ASME Flange Globe Valve

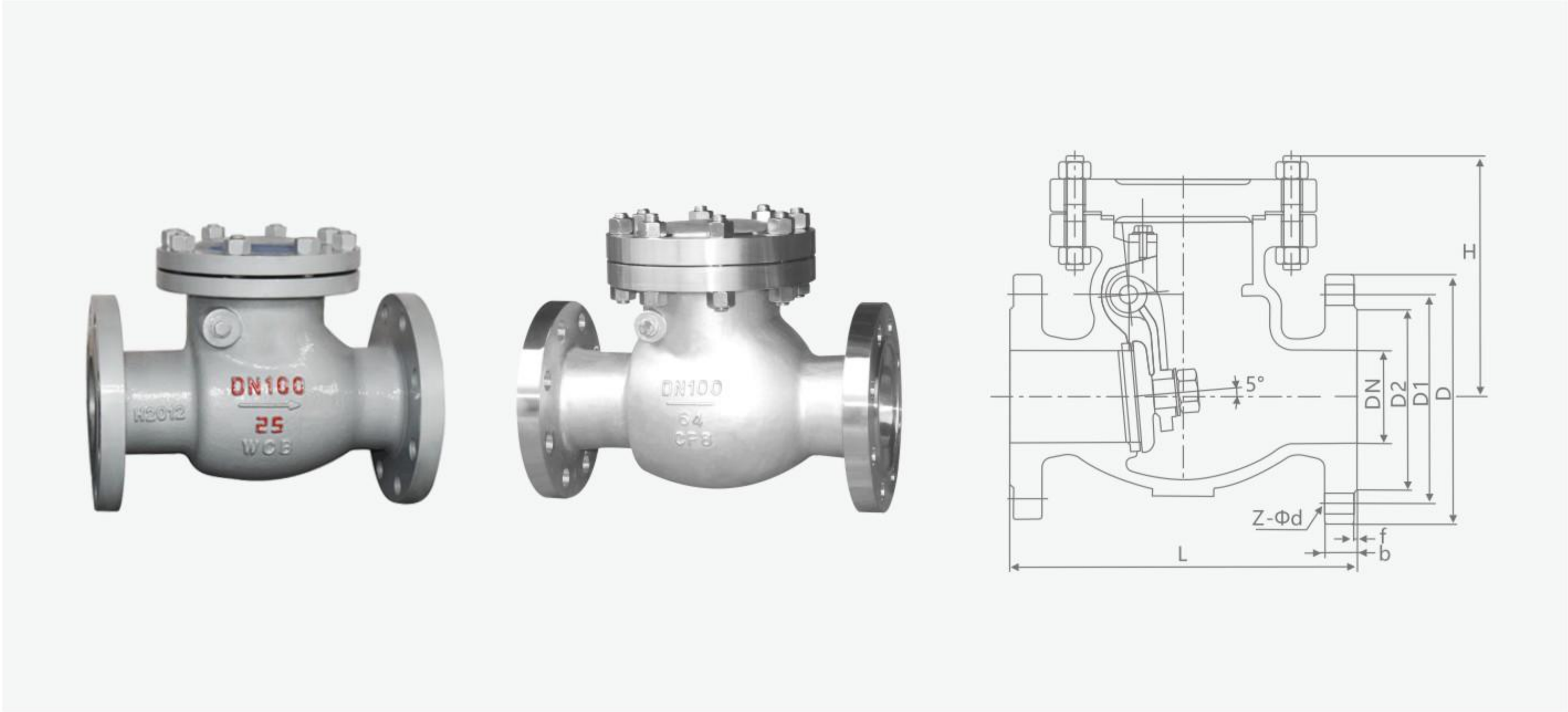
美标法兰截止阀

主要连接尺寸 Main Connection Dimensions

型号 Type	型号规格 Size(mm)		尺寸 Dimension(mm)							
	inch	DN	L	D	D1	D2	b	z-Φd	H	D0
H J41W-150Lb Y H J541W-150Lb Y H J941W-150Lb Y	½"	15	108	90	60.3	34.9	11.6	4-16	200	100
	¾"	20	117	100	69.9	42.9	13.2	4-16	205	120
	1"	25	127	110	79.4	50.8	14.7	4-16	230	140
	1¼"	32	140	115	88.9	63.5	16.3	4-16	240	140
	1½"	40	165	125	98.4	73	17.9	4-16	270	160
	2"	50	203	150	120.7	92.1	19.5	4-19	300	200
	2½"	65	216	180	139.7	104.8	22.7	4-19	340	220
	3"	80	241	190	152.4	127	24.3	4-19	360	240
	4"	100	292	230	190.5	157.2	24.3	4-19	420	280
	5"	125	356	255	215.9	185.7	24.3	8-22	460	350
	6"	150	406	280	241.3	215.9	25.9	8-22	500	400
	8"	200	495	345	298.5	269.9	29	8-22	590	450
	10"	250	622	405	362	323.8	30.6	12-25	710	500
	12"	300	698	485	431.8	381	32.2	12-25	810	550
	14"	350	787	535	476.3	412.8	35.4	12-29	880	600
	16"	400	914	595	539.8	469.9	37	16-29	940	650
H J41W-300Lb Y H J541W-300Lb Y H J941W-300Lb Y	½"	15	152	95	66.7	34.9	14.7	4-16	220	120
	¾"	20	178	115	82.6	42.9	16.3	4-19	230	120
	1"	25	203	125	88.9	50.8	17.9	4-19	260	140
	1¼"	32	216	135	98.4	63.5	19.5	4-19	280	140
	1½"	40	229	155	114.3	73	21.1	4-22	300	200
	2"	50	267	165	127	92.1	22.7	8-19	330	240
	2½"	65	292	190	149.2	104.8	25.9	8-22	360	240
	3"	80	318	210	168.3	127	29	8-22	400	280
	4"	100	356	255	200	157.2	32.2	8-22	450	320
	5"	125	400	280	235	185.7	35.4	8-22	500	400
	6"	150	444	320	269.9	215.9	37	12-22	540	450
	8"	200	559	380	330.2	269.9	41.7	12-25	670	500
	10"	250	622	445	387.4	323.8	48.1	16-29	770	550
	12"	300	711	520	450.8	381	51.3	16-32	855	600
	14"	350	762	585	514.4	412.8	54.4	20-32	920	650
	16"	400	864	650	571.5	469.9	57.6	20-35	970	700
H J41W-600Lb Y H J541W-600Lb Y H J941W-600Lb Y	½"	15	165	95	66.7	34.9	16.3	4-16	220	120
	¾"	20	190	115	82.6	42.9	17.9	4-19	230	120
	1"	25	216	125	88.9	50.8	19.5	4-19	260	140
	1¼"	32	229	135	98.4	63.5	22.7	4-19	280	140
	1½"	40	241	155	114.3	73	24.3	4-22	300	200
	2"	50	292	165	127	92.1	27.4	8-19	360	280
	2½"	65	330	190	149.2	104.8	30.6	8-22	400	300
	3"	80	356	210	168.3	127	33.8	8-22	440	350
	4"	100	432	275	215.9	157.2	40.1	8-25	500	400
	5"	125	508	330	266.7	185.7	46.5	8-29	600	450
	6"	150	559	355	292.1	215.9	49.7	12-29	720	500
	8"	200	660	420	349.2	269.9	57.6	12-32	800	550
	10"	250	787	510	431.8	323.8	65.5	16-35	870	600
	12"	300	838	560	489	381	68.7	20-35	940	750
H J41W-900Lb Y H J541W-900Lb Y H J941W-900Lb Y	1½"	40	305	180	123.8	73	33.8	4-29	350	280
	2"	50	368	215	165.1	92.1	40.1	8-25	420	300
	2½"	65	419	245	190.5	104.8	43.3	8-29	450	350
	3"	80	381	240	190.5	127	40.1	8-25	470	400
	4"	100	457	290	235	157.2	46.5	8-32	550	450
	5"	125	595	350	279.4	185.7	52.8	8-35	650	500
	6"	150	610	380	317.5	215.9	57.6	12-32	750	550
	8"	200	737	470	393.7	269.9	65.5	12-39	850	600
	10"	250	838	545	469.9	323.8	71.9	16-39	1000	750

GB Flange Swing Check Valve

国标法兰旋启式止回阀



标准

设计与制造按GB/T12236
结构长度按GB/T12221
法兰连接尺寸按JB/T79
检验按JB/T9092

STANDARDS

Design and manufacture as GB/T12236
Face to face dimensions as GB/T12221
End flange dimension as JB/T79
Pressure test as JB/T9092

试验压力 Test Pressure

试验项目 Test Item		壳体试验 Shell Test	密封试验 Seal Test	气密封试验 Air Seal Test
介质Medium		水Water		气Air
单位Unit		MPa	MPa	MPa
公称压力 Nominal Pressure PN(MPa)	1.6	2.4	1.8	0.5~0.7
	2.5	3.8	2.8	
	4.0	6.0	4.4	
	6.4	9.6	7.0	
	10.0	15.0	11.0	
	16.0	24.0	18.0	

主要零件材料 Materials for Main Parts

名称Name	材料Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀瓣 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
垫片 Gasket	PTFF				石墨 Graphite				
螺栓 Bolt	不锈钢 Stainless Steel				35CrMoA				
螺母 Nut	不锈钢 Stainless Steel				45、35CrMoA				

GB Flange Swing Check Valve

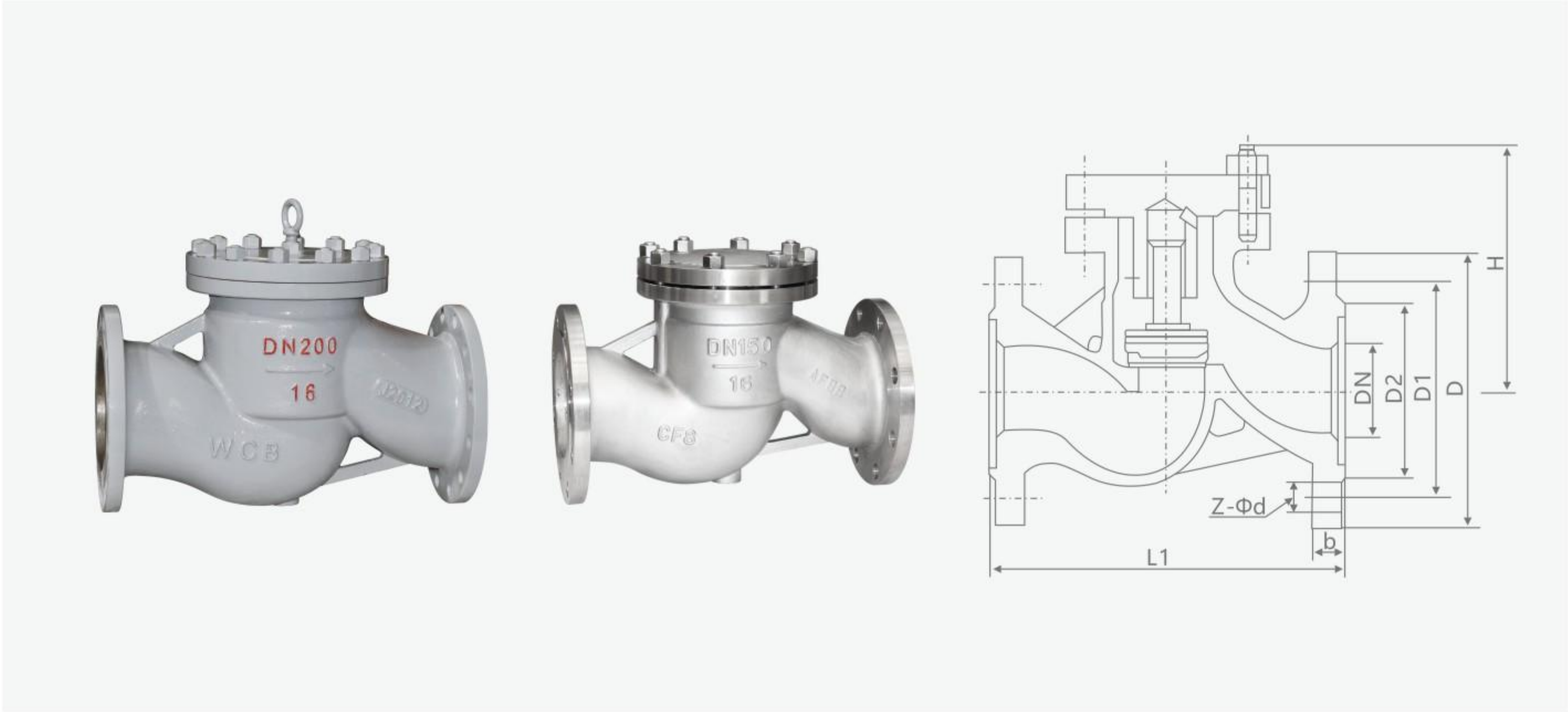
国标法兰旋启式止回阀

主要连接尺寸 Main Connection Dimensions

型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)							
		L	D	D1	D2	D6	b-f	z-Φd	H
H44 ^H W-16 _Y	20	150	105	75	55		14-2	4-Φ14	100
	25	160	115	85	65		14-2	4-Φ14	100
	32	180	135	100	78		16-2	4-Φ18	105
	40	200	145	110	85		16-3	4-Φ18	115
	50	230	160	125	100		16-3	4-Φ18	135
	65	290	180	145	120		18-3	4-Φ18	140
	80	310	195	160	135		20-3	8-Φ18	145
	100	350	215	180	155		20-3	8-Φ18	165
	125	400	245	210	185		22-3	8-Φ18	250
	150	480	280	240	210		24-3	8-Φ23	295
	200	550	335	295	265		26-3	12-Φ23	315
	250	650	405	355	320		30-3	12-Φ25	430
	300	750	460	410	375		30-4	12-Φ25	480
	350	850	520	470	435		34-4	16-Φ25	500
	400	950	580	525	485		36-4	16-Φ30	520
	450	1050	640	585	545		40-4	20-Φ30	580
	500	1150	705	650	608		44-4	20-Φ34	630
	600	1350	840	770	718		48-5	20-Φ41	780
H44 ^H W-25 _Y	20	150	105	75	55		16-2	4-Φ14	100
	25	160	115	85	65		16-2	4-Φ14	100
	32	180	135	100	78		18-2	4-Φ18	105
	40	200	145	110	85		18-3	4-Φ18	115
	50	230	160	125	100		20-3	4-Φ18	135
	65	290	180	145	120		22-3	8-Φ18	140
	80	310	195	160	135		22-3	8-Φ18	145
	100	350	230	190	160		24-3	8-Φ23	165
	125	400	270	220	188		28-3	8-Φ25	250
	150	480	300	250	218		30-3	8-Φ25	295
	200	550	360	310	278		34-3	12-Φ25	315
	250	650	425	370	332		36-3	12-Φ30	430
	300	750	485	430	390		40-4	16-Φ30	480
	350	850	550	490	448		44-4	16-Φ34	500
	400	950	610	550	505		48-4	16-Φ34	520
	450	1050	660	600	555		50-4	20-Φ34	580
	500	1150	730	660	610		52-4	20-Φ41	630
	600	1350	840	770	718		56-5	20-Φ41	780
H44 ^H W-40 _Y	20	150	105	75	55	51	16-2	4-Φ14	100
	25	160	115	85	65	58	16-2	4-Φ14	100
	32	180	135	100	78	66	18-2	4-Φ18	105
	40	200	145	110	85	76	18-3	4-Φ18	115
	50	230	160	125	100	88	20-3	4-Φ18	135
	65	290	180	145	120	110	22-3	8-Φ18	140
	80	310	195	160	135	121	22-3	8-Φ18	145
	100	350	230	190	160	150	24-3	8-Φ23	165
	125	400	270	220	188	176	28-3	8-Φ25	250
	150	480	300	250	218	204	30-3	8-Φ25	295
	200	550	375	320	282	260	38-3	12-Φ30	315
	250	650	445	385	345	313	42-3	12-Φ34	430
	300	750	510	450	408	364	46-4	16-Φ34	480
	350	850	570	510	465	422	52-4	16-Φ34	500
	400	950	655	585	535	474	58-4	16-Φ41	520
	450	1050	680	610	560	524	60-4	20-Φ41	580
	500	1150	755	670	612	576	62-4	20-Φ48	630
	600	1350	890	795	730	678	62-5	20-Φ54	780

GB Flange Piston-lift Type Check Valve

国标法兰升降式止回阀



标准

设计与制造按GB/T12235
结构长度按GB/T12221
法兰连接尺寸按JB/T79
检验按JB/T9092

STANDARDS

Design and manufacture as GB/T12235
Face to face dimensions as GB/T12221
End flange dimension as JB/T79
Pressure test as JB/T9092

试验压力 Test Pressure

试验项目 Test Item		壳体试验 Shell Test	密封试验 Seal Test	气密封试验 Air Seal Test
介质 Medium		水 Water		气 Air
单位 Unit		MPa	MPa	MPa
公称压力 Nominal Pressure PN(MPa)	1.6	2.4	1.8	0.5~0.7
	2.5	3.8	2.8	
	4.0	6.0	4.4	
	6.4	9.6	7.0	
	10.0	15.0	11.0	
	16.0	24.0	18.0	

主要零件材料 Materials for Main Parts

名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
阀瓣 Wedge	CF8	CF3	CF8M	CF3M	WCB	LCB	WC6	WC9	C5
垫片 Gasket	PTFF				石墨 Graphite				
螺栓 Bolt	不锈钢 Stainless Steel				35CrMoA				
螺母 Nut	不锈钢 Stainless Steel				45、35CrMoA				

GB Flange Piston-lift Type Check Valve

国标法兰升降式止回阀

主要连接尺寸 Main Connection Dimensions

型号 Type	公称通径 DN(mm)	尺寸 Dimension(mm)								
		L	D	D1	D2	D6	b-f	f1	z-Φd	H
H H41W-16 Y	15	130	95	65		45	14-2		4-Φ14	90
	20	150	105	75		55	14-2		4-Φ14	105
	25	160	115	85		65	14-2		4-Φ14	115
	32	180	135	100		78	16-2		4-Φ18	120
	40	200	145	110		85	16-3		4-Φ18	130
	50	230	160	125		100	16-3		4-Φ18	140
	65	290	180	145		120	18-3		4-Φ18	150
	80	310	195	160		135	20-3		8-Φ18	170
	100	350	215	180		155	20-3		8-Φ18	185
	125	400	245	210		185	22-3		8-Φ18	195
	150	480	280	240		210	24-3		8-Φ23	225
	200	600	335	295		265	26-3		12-Φ23	250
	250	650	405	355		320	30-3		12-Φ25	270
	300	750	460	410		375	30-3		12-Φ25	300
H H41W-25 Y	15	130	95	65		45	16-2		4-Φ14	90
	20	150	105	75		55	16-2		4-Φ14	105
	25	160	115	85		65	16-2		4-Φ14	115
	32	180	135	100		78	18-2		4-Φ18	120
	40	200	145	110		85	18-3		4-Φ18	130
	50	230	160	125		100	20-3		4-Φ18	140
	65	290	180	145		120	22-3		8-Φ18	150
	80	310	195	160		135	22-3		8-Φ18	170
	100	350	230	190		160	24-3		8-Φ23	185
	125	400	270	220		188	28-3		8-Φ25	195
	150	480	300	250		218	30-3		8-Φ25	225
	200	600	360	310		278	34-3		12-Φ25	250
	250	650	425	370		335	36-3		12-Φ30	270
	300	750	485	430		390	40-4		16-Φ30	300
H H41W-40 Y	25	160	115	85	65	58	16-2	4	4-Φ14	115
	32	180	135	100	78	66	18-2	4	4-Φ18	120
	40	200	145	110	85	76	18-3	4	4-Φ18	130
	50	230	160	125	100	88	20-3	4	4-Φ18	140
	65	290	180	145	120	110	22-3	4	8-Φ18	150
	80	310	495	160	135	121	22-3	4	8-Φ18	170
	100	350	230	190	160	150	24-3	4.5	8-Φ23	185
	125	400	270	220	188	176	28-3	4.5	8-Φ25	195
	150	480	300	250	218	204	30-3	4.5	8-Φ25	225
	200	600	375	320	282	260	38-3	4.5	12-Φ30	250
H H41W-64 Y	15	170	105	75	55	40	18-2	4	4-Φ14	110
	20	190	125	90	68	51	20-2	4	4-Φ18	125
	25	210	135	100	78	58	22-2	4	4-Φ18	152
	32	230	150	110	82	66	24-2	4	4-Φ23	168
	40	260	165	125	95	76	24-3	4	4-Φ23	170
	50	300	175	135	105	88	26-3	4	4-Φ23	188
	65	340	200	160	130	110	28-3	4	8-Φ23	205
	80	380	210	170	140	121	30-3	4	8-Φ23	230
	100	430	250	200	168	150	32-3	4.5	8-Φ25	280
	125	500	295	240	202	176	36-3	4.5	8-Φ30	300
	150	550	340	280	240	204	38-3	4.5	8-Φ34	350
	200	650	405	345	300	260	44-3	4.5	12-Φ34	400

ANSI/ASME Flange Swing Check Valve

美标法兰旋启式止回阀



标准

设计与制造按BS1868, ANSI B16.34
结构长度按ANSI B16.10
法兰链接尺寸按ANSI B16.5
压力温度额定值按ANSI B16.34
检验按API 598

STANDARDS

Design and manufacture as BS1868,ANSI B16.34
Fane to face dimensions as ANSI B16.10
End flange dimension as ANSI B16.5
Pressure-temperature rating as ANSI B16.34
Pressure test as API 598

试验压力 Test Pressure

试验项目 Test Item		壳体试验 Shell Test		密封试验 Seal Test		气密封试验 Air Seal Test	
介质 Medium		水 Water				气 Air	
单位 Unit		MPa	lbf/in²	MPa	lbf/in²	MPa	lbf/in²
压力等级 (磅级) Pressure (Class)	150	3.1	450	2.2	315	0.5~0.7	60~100
	300	7.8	1125	5.6	815		
	400	10.3	1500	7.6	1100		
	600	15.3	2225	11.2	1630		
	900	23.1	3350	16.8	2440		
	1500	38.4	5575	28.1	4080		

主要零件材料 Materials for Main Parts

名称 Name	材料 Material								
阀体 Body 阀盖 Bonnet 阀瓣 Wedge 摇杆 Arm 支架 Yoke	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A217 C5	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
销轴 Arm Pin	A182 F6	A182 F304					A182 F316	A182 F304L	A182 F316L
螺柱 Bonnet Bolt	A193-B7 A320-L7 A193-B8								
螺母 Nut	A194-2H A194-7 A194-8								

ANSI/ASME Flange Swing Check Valve

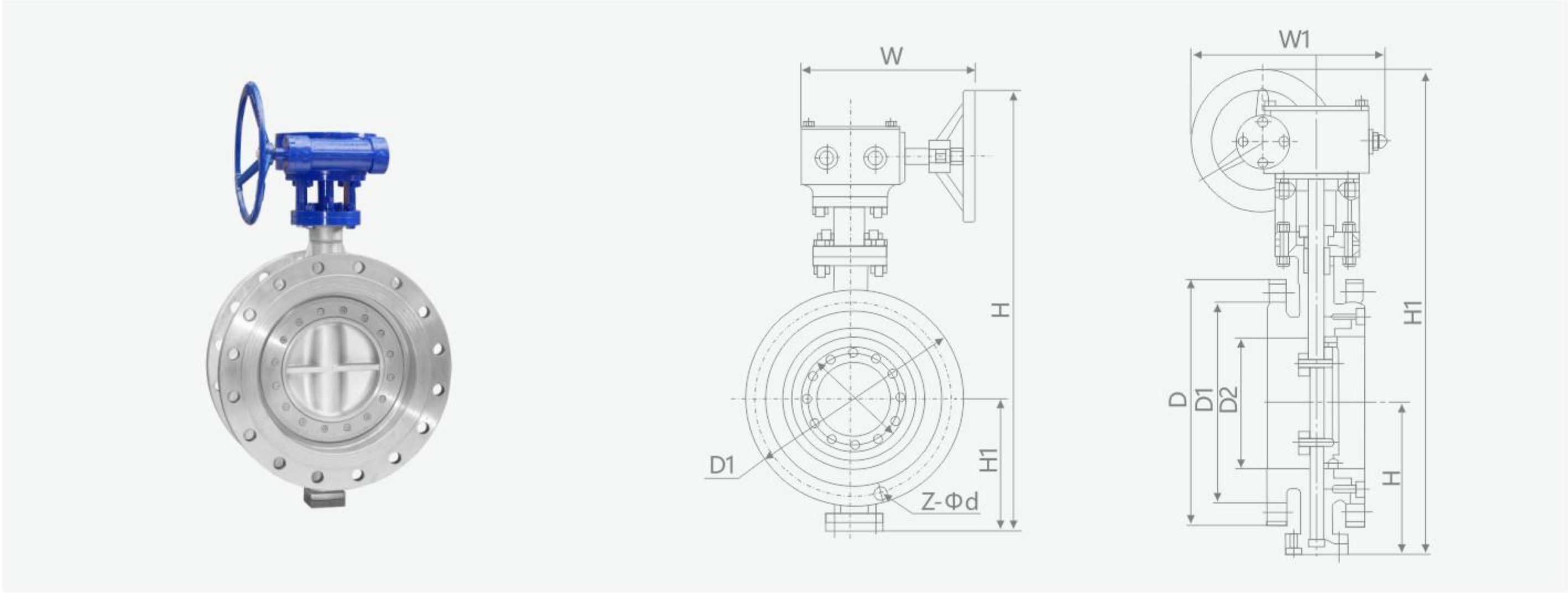
美标法兰旋启式止回阀

主要连接尺寸 Main Connection Dimensions

型号 Type	型号规格 Size(mm)		尺寸 Dimension(mm)						
	Inch	DN	L	D	D1	D2	b	z-Φd	H
H H44W-150Lb Y	1"	25	127	110	79.4	50.8	14.7	4-16	90
	1½"	40	165	125	98.4	73	17.9	4-16	115
	2"	50	203	150	120.7	92.1	19.5	4-19	150
	2½"	65	216	180	139.7	104.8	22.7	4-19	160
	3"	80	241	190	152.4	127	24.3	4-19	180
	4"	100	292	230	190.5	157.2	24.3	4-19	220
	5"	125	330	255	215.9	185.7	24.3	8-22	280
	6"	150	356	280	241.3	215.9	25.9	8-22	340
	8"	200	495	345	298.5	269.9	29	8-22	400
	10"	250	622	405	362	323.8	30.6	12-25	460
	12"	300	698	485	431.8	381	32.2	12-25	530
	14"	350	787	535	476.3	412.8	35.4	12-29	580
	16"	400	864	595	539.8	469.9	37	16-29	600
	18"	450	978	635	577.9	533.4	40.1	16-32	650
	20"	500	978	700	635	584.2	43.3	20-32	700
	24"	600	1295	815	749.3	692.2	48.1	20-35	780
	28"	700	1448	927	864	800	73	28-35	850
	30"	800	1524	984	914.5	857	77	28-35	920
H H44W-300Lb Y	2"	50	267	165	127	92.1	22.7	8-19	170
	2½"	65	292	190	149.2	104.8	25.9	8-22	180
	3"	80	318	210	168.3	127	29	8-22	210
	4"	100	356	255	200	157.2	32.2	8-22	290
	5"	125	400	280	235	185.7	35.4	8-22	290
	6"	150	444	320	269.9	215.9	37	12-22	350
	8"	200	533	380	330.2	269.9	41.7	12-25	430
	10"	250	622	445	387.4	323.8	48.1	16-29	480
	12"	300	711	520	450.8	381	51.3	16-32	550
	14"	350	838	585	514.4	412.8	54.4	20-32	620
	16"	400	864	650	571.5	469.9	57.6	20-35	650
	18"	450	978	710	628.6	533.4	60.8	24-35	690
	20"	500	1016	775	685.8	584.2	64	24-35	740
	24"	600	1346	915	812.8	692.2	70.3	24-41	800
H H44W-600Lb Y	2"	50	292	165	127	92.1	27.4	8-19	190
	2½"	65	330	190	149.2	104.8	30.6	8-22	210
	3"	80	356	210	168.3	127	33.8	8-22	230
	4"	100	432	275	215.9	157.2	40.1	8-25	300
	5"	125	508	330	266.7	185.7	46.5	8-29	310
	6"	150	559	355	292.1	215.9	49.7	12-29	370
	8"	200	660	420	349.2	269.9	57.6	12-32	450
	10"	250	787	510	431.8	323.8	65.5	16-35	500
	12"	300	838	560	489	381	68.7	20-35	570
	14"	350	889	605	527	412.8	71.9	20-39	640
	16"	400	991	685	603.2	469.9	78.2	20-41	670
	18"	450	1092	745	654	533.4	84.6	20-44	710
	20"	500	1194	815	723.9	584.2	90.9	24-44	760
	24"	600	1397	940	838.2	692.2	103.6	24-51	830
H H44W-900Lb Y	2"	50	368	215	165.1	92.1	40.1	8-25	220
	2½"	65	419	245	190.5	104.8	43.3	8-29	250
	3"	80	381	240	190.5	127	40.1	8-25	270
	4"	100	457	290	235	157.2	46.5	8-32	330
	5"	125	559	350	279.4	185.7	52.8	8-35	350
	6"	150	610	380	317.5	215.9	57.6	12-32	420
	8"	200	737	470	393.7	269.9	65.5	12-39	490
	10"	250	838	545	469.9	323.8	71.9	16-39	550
	12"	300	965	610	533.4	381	81.4	20-39	630
	14"	350	1029	640	558.8	412.8	87.8	20-42	680
	16"	400	1130	705	616	469.9	90.9	20-45	720
	18"	450	1219	785	685.8	533.4	103.6	20-51	750
	20"	500	1321	855	749.3	584.2	110	20-54	800
	24"	600	1549	1040	901.7	692.2	141.7	20-67	880

D343H Worm Gear Flange Type Metal Hard Seal Butterfly Valve

D343H蜗轮传动法兰式金属硬密封蝶阀



应用规范

设计、制造按GB/T12238-1989
结构长度按GB/T12221-2005
连接法兰：GB/T9113-2000
阀门检查和试验按JB/T9092-1999

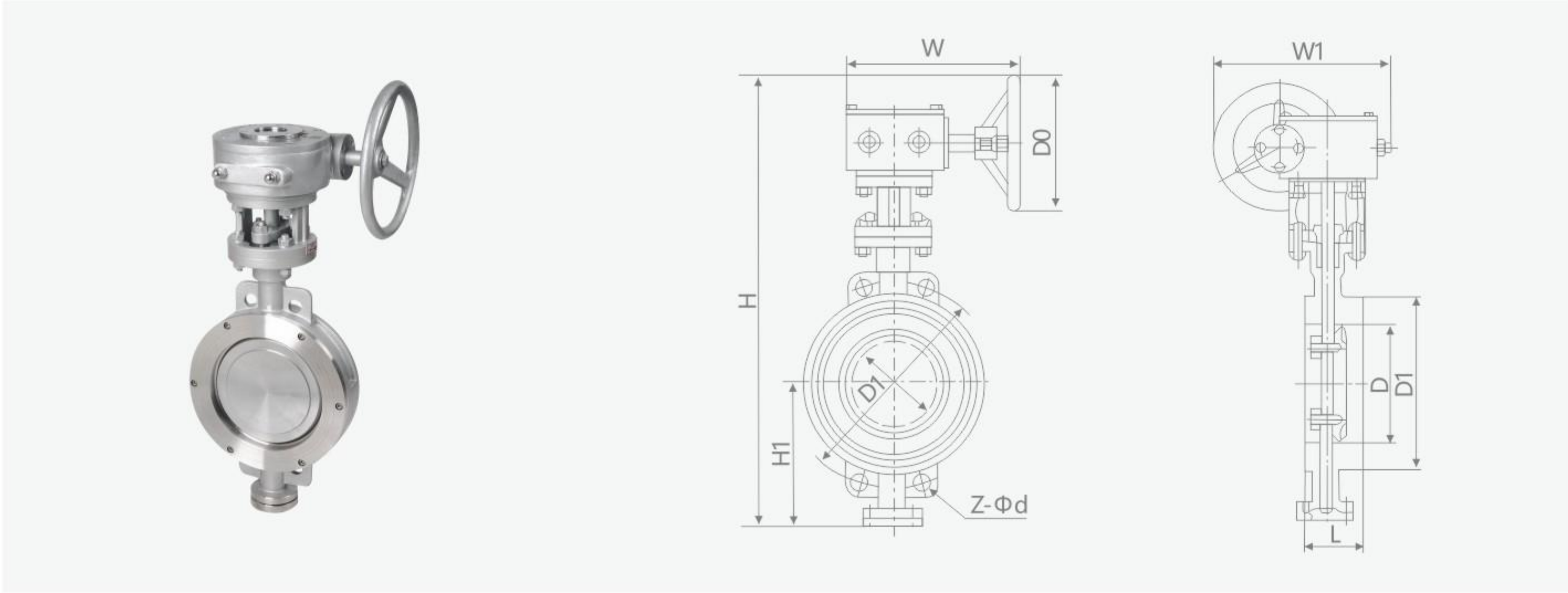
APPLICATION SPECIFICATION

Design, manufacture : GB/T12238-1989
Length of the structure : GB/T12221-2005
Connecting flange : GB/T9113-2000
Valve inspection and test : JB/T9092-1999

D343^H_F-10C.P.R连接尺寸

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

D373H Worm Gear Pair Of Clip Type Metal Hard Seal Butterfly Valve D373H蜗轮传动对夹式金属硬密封蝶阀



应用规范

设计、制造按GB/T12238-1989
结构长度按GB/T12221-2005
连接法兰：GB/T9113-2000
阀门检查和试验按JB/T9092-1999

APPLICATION SPECIFICATION

Design, manufacture：GB/T12238-1989
Length of the structure：GB/T12221-2005
Connecting flange：GB/T9113-2000
Valve inspection and test：JB/T9092-1999

D373^H_F-10C.P.R连接尺寸

通径DN	L	D1	D	Z-Φd	H	H1	W	W1	D0
50	43	125	102	4-18	360	112	200	200	160
65	46	145	122	4-18	380	115	200	200	160
80	49	160	133	8-18	455	120	220	200	160
100	56	180	158	8-18	490	140	240	200	160
125	64	210	184	8-18	490	170	260	200	160
150	70	240	212	8-22	630	180	280	280	240
200	71	295	268	8-22	690	210	320	280	240
250	76	350	320	12-22	830	240	360	280	240
300	83	400	370	12-22	930	290	460	420	310
350	92	460	430	16-22	1010	320	500	420	310
400	102	515	482	16-26	1070	350	540	420	310
450	114	565	532	20-26	1140	380	580	420	310
500	127	620	585	20-26	1200	410	620	420	310
600	154	725	685	20-30	1340	470	660	420	310
700	165	840	800	24-30	1600	550	750	550	400
800	190	950	905	24-33	1780	640	800	550	400
900	203	1050	1005	28-33	1920	710	850	550	400
1000	216	1160	1110	28-36	1960	770	1000	750	500
1200	254	1380	1330	32-39	2360	875	1050	750	500
1400	279	1590	1530	36-42	2530	970	800	890	-
1600	318	1820	1750	40-48	2640	1100	800	890	-
1800	356	2020	1950	44-48	2800	1200	830	920	-
2000	406	2230	2150	48-48	3100	1290	850	940	-