

奔日阀门® 擅长化工行业

— 出口欧美16年 —

法兰球阀系列

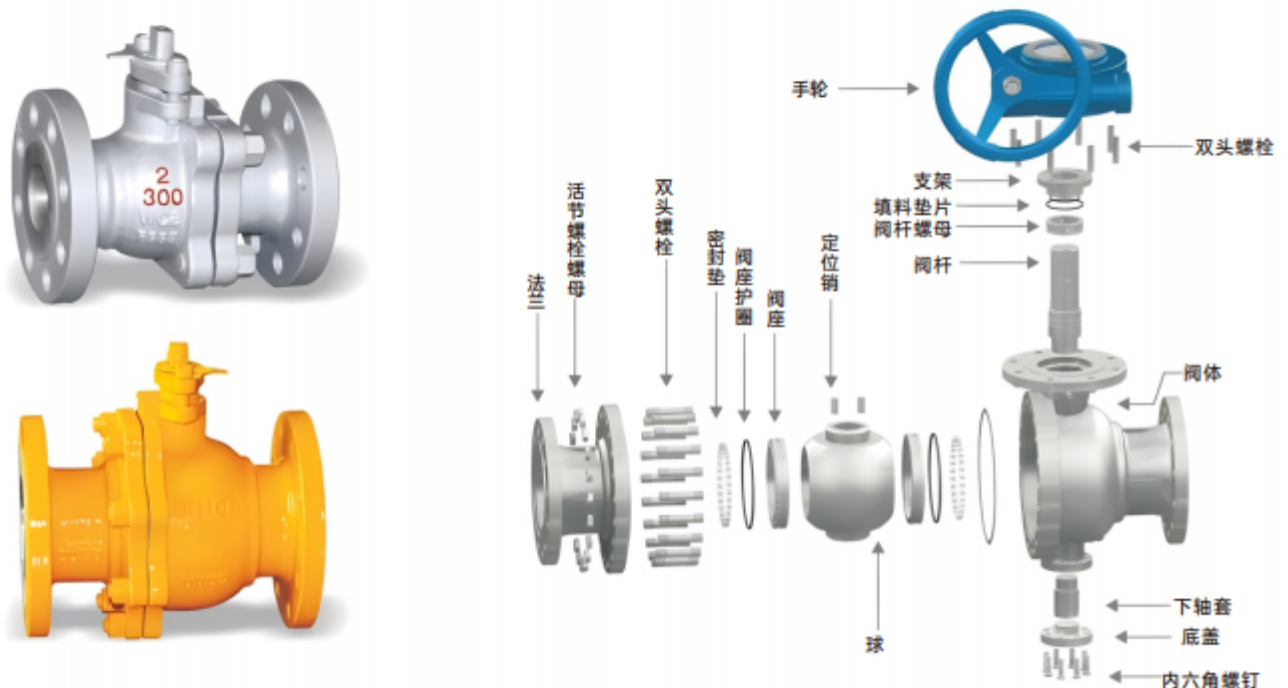
FLANGE BALL VALVE



BALL VALVE OVERVIEW

球阀在管路中主要用来做切断、分配和改变介质的流动方向，它只需要用旋转90度的操作和很小的转动力矩就能关闭严密。球阀最适宜用做开关、切断阀使用。电动阀门除应注意管道参数外，应特别注意其使用的环境条件，由于电动阀门中的电动装置是一机电设备，其使用状态受其使用环境影响很大。

Ball valve in the pipeline is mainly used to cut off, distribute and change the direction of the flow of the medium, it only needs to rotate 90 degrees of operation and a small torque to close tight. Ball valve is most suitable for switch, cut off valve use, V-shaped ball valve. In addition to the pipe parameters, the electric valve should pay special attention to the environmental conditions of its use, because the electric device in the electric valve is a mechanical and electrical equipment, its use status is greatly affected by its use environment. Under normal conditions, electric ball valves and butterfly valves should be used with special attention in the following environments.



标准清单

产品规范 Product Specification	设计规范 Design spec.	结构长度 Face to Face	连接法兰 Connection flange	试验与检验 Test & Check	压力-温度 Pressure-temperature	产品标识 Marking	供货规范 Supply
	GB/T 12234 API 600	GB/T 12221 ASME B16.10	JB/T 79 ASME B16.5	JB/T 9092 API 598	GB/T 9124 ASME B16.34	GB/T 12220 -	JB/T 7926 -

材质清单

部件part Name	国标/GB			美标/ASME		
阀体/阀盖Body/Bonnet	WCB	ZGCr5Mo	304	A216 WCB	A217 WC6	A351 CF8
闸板Wedge	WCB	ZGCr5Mo	304	A216 WCB	A217 WC6	A351 CF8
阀杆Stem	13Cr	25Cr2MoV	304	A182F6a	A217 WC6	A351 CF8
填料Packing	聚四氟乙烯/PTFE 柔性石墨/Flexible Graphite					
垫片Gasket	304+柔性石墨/Flexible Graphite					
螺栓Bolt	35/35CrMo	25Cr2MoV	304	A193 B7	A193 B7	A193 B8
适用温度Suitable temperature	-29~425°C	-29~550°C	-40~200°C	-29~425°C	-29~540°C	-46~425°C
适用介质Applicable medium	水、油品、蒸汽 Water, Oil, Steam	水、油品、蒸汽 Water, Oil, Steam	硝酸类 Nitric Acid	水、油品、蒸汽 Water, Oil, Steam	水、油品、蒸汽 Water, Oil, Steam	硝酸类 Nitric Acid

V型球阀功能 V-type ball valve



V型球阀，结构紧凑，体积小，等百分比调节V型球阀是我公司专业开发的硬密封、四氟密封新型调节球阀。它采用板簧加载的可动阀座结构，阀座与球体不会产生卡阻或脱离等问题，密封可靠，使用寿命长。V型球阀阀芯设计成带有特殊开关的V型缺口，流通能力大，压力损失小，并具有精确的截流特性和控制功能，流量特性为近似等百分比。启闭件采用V型球缺结构，完全解决了阀腔易沉积介质的问题。

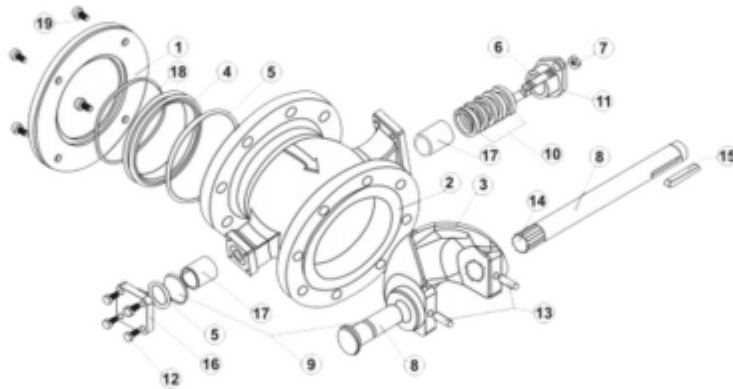
The V-type ball valve features a compact structure and small volume. As a specialized product developed by our company, the equal percentage control V-type ball valve is a new type of control ball valve with hard sealing and PTFE (polytetrafluoroethylene) sealing. It adopts a movable valve seat structure loaded by plate springs, which prevents issues such as jamming or disengagement between the valve seat and the ball. This design ensures reliable sealing and a long service life. The valve core of the V-type ball valve is designed with a V-shaped notch featuring a special opening-closing mechanism, enabling large flow capacity, low pressure loss, precise throttling characteristics, and control functions. Its flow characteristic is approximately equal percentage. The opening-closing element adopts a V-shaped spherical segment structure, which completely solves the problem of easy medium accumulation in the valve cavity.

主要零件材料 Main parts and materials

密封座盖 seal seat cover	PPL 密封座盖 RPTFE PTFE A105+硬质合金 F304+硬质合金 F316+硬质合金等特种金属材料
密封座 seal seat	WCB CF8 CF8M CF3 CF3M 2205 2507
阀芯 seal seat cover	软密封: 304 316 316L 304L 2205 2507 4A 5A 6A等特种金属材料 硬密封 喷焊 硬质合金: A105 F304 F316 316L 304L F51 F53
O型圈 O-Ring	PPL PTFE RPTFE 20Cr13 A105 F304 F316 F316L F304L F51 F53
双头螺栓 Stud bolt	NBR VITONB FKM
六角螺母 Hex Nut	A2-70 A4-80
阀杆 Stem	SS304 20Cr13 17-4PH F304 F316 F304L F316L F51 F53 等特种金属材料
调整垫 Washer	PTFE
填料 Packing	PTFE RPTFE 柔性石墨 低泄漏填料
填料压盖 Packing Gland	WCB CF8 CF8M CF3 CF3M 2205 2507
螺栓 Bolt	A2-70 A4-80
圆柱销 Cylindrical Pin	SS304 SS316
花键 Spline	17-4PH SS316
平键 Flat Key	SS304 45#
后压盖 Rear Gland	CF8 CF8M
自润滑轴承 Bearing	复合材料
密封座弹簧 Spring	SS316
螺栓 Bolt	SS304



V-PORT BALL VALVE (CHEMICAL)



PN16 主要法兰连接尺寸 Main flange connection size

DN	L	H	h	D	D1	D2	b	f	N-ΦZ
25	102	170	120	115	85	68	18	2	4-Φ14
32	102	170	120	140	100	78	18	2	4-Φ18
40	114	200	150	150	110	88	18	2	4-Φ18
50	124	200	155	165	125	102	18	2	4-Φ18
65	145	200	165	185	145	122	18	2	8-Φ18
80	165	230	190	200	160	138	20	2	8-Φ18
100	194	250	200	220	180	158	20	2	8-Φ18
125	213	240	265	250	210	188	22	2	8-Φ18
150	229	240	280	285	240	212	22	2	8-Φ22
200	243	240	325	340	295	268	24	2	12-Φ22
250	297	280	385	405	355	320	26	2	12-Φ26
300	338	350	430	460	410	378	28	2	12-Φ26
350	410	350	480	520	470	438	30	2	16-Φ26
400	445	400	520	580	525	490	32	2	16-Φ30

PN25 主要法兰连接尺寸 Main flange connection size

DN	L	H	h	D	D1	D2	b	f	N-ΦZ
25	102	170	120	115	85	68	18	2	4-Φ14
32	102	170	120	140	100	78	18	2	4-Φ18
40	114	200	150	150	110	88	18	2	4-Φ18
50	124	200	155	165	125	102	20	2	4-Φ18
65	145	200	165	185	145	122	22	2	8-Φ18
80	165	230	190	200	160	138	24	2	8-Φ18
100	194	250	200	235	190	158	24	2	8-Φ22
125	213	240	265	270	220	188	26	2	8-Φ26
150	229	240	280	300	250	212	28	2	8-Φ26
200	243	240	325	360	310	274	30	2	12-Φ26
250	297	280	385	425	370	330	32	2	12-Φ30
300	338	350	430	485	430	389	34	2	16-Φ30
350	410	350	480	555	490	448	38	2	16-Φ33
400	445	400	520	620	550	503	40	2	16-Φ36

结构特点及用途

Structural characteristics and uses



适用于石油、化工、冶金、电力、轻纺、造纸、水利等各部门中低压管路系统，污水处理、蒸汽、空气、煤气、沙浆、矿浆等弱污浊流体介质的输送和截流、节流等。

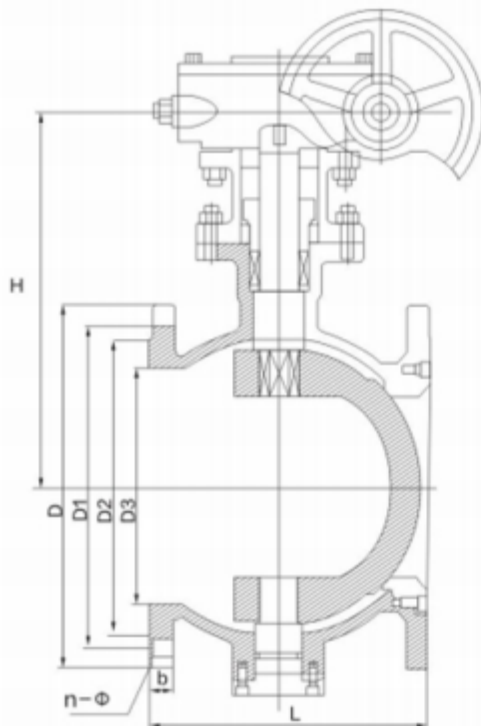
其结构采用双偏心原理，使阀门越关越紧，从而达到零泄漏。双偏心结构在开启时阀芯位于藏球室内，流通截面大，且球面不被冲刷，开启时阀芯球面沿阀座瞬间脱开，阀座与球面无摩擦，延长使用寿命。

Suitable for petroleum, chemical industry, metallurgy, electric power, textile, paper making, water conservancy and other departments in the low pressure pipeline system, sewage treatment, steam, air, gas, sand pulp, pulp and other weak dirty fluid media transmission and closure, throttling.

Its structure adopts the double eccentric principle to make the valve tighter and tighter, so as to achieve zero leakage. Double eccentric structure in the opening of the spool is located in the ball room, the flow section is large, and the spherical surface is not washed, opening the spool spherical surface along the seat instantaneously off, the seat and the spherical surface without friction, prolong the service life.

技术标准 Technical standard

设计标准 Design Standard	GB/T 26146
结构长度 Face-to-Face	GB/T 12221
法兰尺寸 Flange Dimensions	JB 79(或按合同要求)
检验&测试 Inspection & Testing	GB/T 13927
工作压力 MPa Packing, gasket	0.6, 1.0, 1.6
驱动方式 Stud:	手动、电动、气动、液动



主要零件材料 Main parts and materials

阀体 Body	WCB, CF8, CF8M
阀盖 Bonnet	WCB, CF8, CF8M
球体 Ball	WCB堆焊D507、304喷涂、316喷涂
阀杆 Stem	2Cr13, 304, 316
阀座 Valve seat	A105+D507Mo、304+STL、316+STL
填料 Packing	柔性石墨

PN10 主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	B	H	N-ΦZ
50	125/178	165	125	100	18	200	4-Φ18
65	145/190	185	145	120	18	215	8-Φ18
80	165/203	200	160	135	20	235	8-Φ18
100	194/229	220	180	155	20	250	8-Φ18
125	213/254	250	210	185	22	285	8-Φ18
150	229/267	285	240	210	22	300	8-Φ22
200	243/292	340	295	265	24	370	12-Φ22
250	330	405	355	320	26	420	12-Φ26
300	356	460	410	375	28	450	12-Φ26
350	381	520	470	429	30	500	16-Φ26
400	430/530	580	525	485	32	570	16-Φ30
500	550/630	715	650	608	44	640	20-Φ33
600	680	840	770	718	54	720	20-Φ36
700	750	910	840	788	42	800	24-Φ36
800	910	1025	950	898	42	925	24-Φ39
1000	1220	1255	1170	1110	46	1155	28-Φ42

PN16 主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	B	H	N-ΦZ
50	125/178	165	125	100	20	200	4-Φ18
65	145/190	185	145	120	22	215	8-Φ18
80	165/203	200	160	135	24	235	8-Φ18
100	194/229	235	190	155	24	250	8-Φ22
125	213/254	270	220	185	26	280	8-Φ26
150	229/267	300	250	210	28	300	8-Φ26
200	243/292	360	310	278	30	370	12-Φ26
250	330	425	370	332	32	420	12-Φ30
300	356	485	430	390	34	450	16-Φ30
400	430/530	620	550	505	40	570	16-Φ36
500	550/630	730	660	610	48	640	20-Φ36
600	680	845	770	718	58	720	20-Φ39
700	750	960	875	815	50	800	24-Φ42
800	910	1085	990	930	54	925	24-Φ48
1000	1220	1320	1210	1140	62	1155	28-Φ48

结构特点及用途

Structural characteristics and uses



适用于石油、化工、冶金、电力、轻纺、造纸、水利等各部门中低压管路系统,污水处理、蒸汽、空气、煤气、沙浆、矿浆等弱污浊流体介质的输送和截流,节流等。

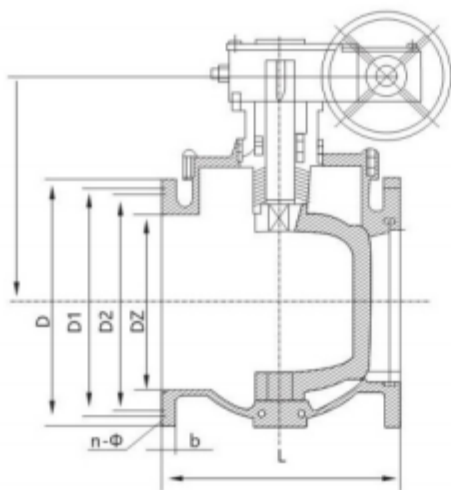
其结构采用双偏心原理,使阀门越关越紧,从而达到零泄漏。双偏心结构在开启时阀芯位于藏球室内,流通截面大,且球面不被冲刷,开启时阀芯球面沿阀座瞬间脱开,阀座与球面无摩擦,延长使用寿命。检修时只需打开阀盖即可维修密封环及其它配件,不必将整个阀门从管线上拆下来,这给地下和高空等特殊管线,维修阀门时带来很大的方便。

It is suitable for medium and low pressure pipeline systems in various sectors such as petroleum, chemical industry, metallurgy, electric power, textile, papermaking, and water conservancy. It is used for the transportation, shut-off, and throttling of slightly contaminated fluid media including sewage treatment, steam, air, gas, mortar, and ore pulp.

Its structure adopts the double eccentricity principle, which makes the valve seal tighter as it closes, thereby achieving zero leakage. In the double eccentric structure, when the valve is opened, the valve core is located in the ball storage chamber, providing a large flow cross-section without scouring the spherical surface. When opening, the spherical surface of the valve core is instantly separated from the valve seat, and there is no friction between the valve seat and the spherical surface, which extends the service life. During maintenance, only the valve cover needs to be opened to repair the sealing ring and other accessories, and there is no need to remove the entire valve from the pipeline. This brings great convenience to the maintenance of valves in special pipelines such as underground and high-altitude pipelines.

技术标准 Technical standard

设计规范 Design spec	GB/T 26146
结构长度 Face to face	GB/T 12221
连接法兰 Connection flange	JB/T 79.1
试验与检验 Test&Check	GB/T 13927



主要零件材料 Main parts and materials

阀体 body	WCB、CF8、CF8M
阀盖 bonnet	WCB、CF8、CF8M
球体 ball	WCB堆焊D507、304喷涂、316喷涂
阀座 seat	A105+D507Mo、304+STL、316+STL
阀杆 Stem	2Cr13、304、316
填料 Packing	柔性石墨

PN10 主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	B	H	N-ΦZ
150	267	285	240	210	22	440	8-Φ22
200	292	340	295	265	24	470	12-Φ22
250	330	405	355	320	26	540	12-Φ26
300	400	460	410	375	28	580	12-Φ26
400	530	580	525	485	32	710	16-Φ30
500	630	715	650	608	44	820	20-Φ33
600	800	840	770	718	54	940	20-Φ36
700	900	910	840	788	42	1040	24-Φ36
800	1000	1025	950	898	42	1180	24-Φ39
1000	1200	1255	1170	1110	46	1420	28-Φ42
1200	1350	1485	1390	1325	52	1530	32-Φ48

PN16 主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	B	H	N-ΦZ
150	267	150	250	218	28	300	8-Φ26
200	292	200	310	278	30	360	12-Φ26
250	330	250	370	332	32	425	12-Φ30
300	400	300	430	390	34	485	16-Φ30
400	530	400	550	505	40	620	16-Φ36
500	630	500	660	610	48	730	20-Φ36
600	800	600	770	718	58	845	20-Φ39
700	900	700	875	815	50	960	24-Φ42
800	1000	800	990	930	54	1085	24-Φ48
1000	1200	1000	1210	1140	62	1320	28-Φ55
1200	1350	1200	1420	1350	70	1530	32-Φ55

结构特点及用途

Structural characteristics and uses

上装式顶部维修：顶部可拆换内件，无需拆管，适配地下/焊接管线、窄空间，整体阀体减泄漏、提安全，缩短维保时间

全通径低阻流通道：流道与管同径，低阻低压损，防沉积防堵，减密封面冲刷，适配颗粒、高粘度介质

密封可靠带补偿：双向密封+中腔泄压，弹簧浮动阀座磨损自补偿，高压增密封，部分配紧急密封、防静电装置

安全操作优化：下装阀杆带倒密封防吹出，整体球杆精定位、低扭矩，适配多驱动方式，高压款带双阻塞泄放功能

1. Top-entry Maintenance Detachable internal parts from top; no pipe disassembly. Fits underground/welded pipelines, confined spaces. Integral body: less leakage, higher safety, shorter maintenance.
2. Full-bore Low-flow-resistance Passage Same bore as pipeline; low resistance/pressure loss. Anti-sedimentation/blockage; reduces sealing erosion. Fits particulate/high-viscosity media.
3. Reliable Sealing with Compensation Bidirectional sealing + cavity relief; spring floating seat (auto wear compensation). Enhanced sealing under high pressure; some with emergency sealing/anti-static.
4. Optimized Safety & Operation Bottom-mounted stem + back sealing (anti-blow-out). Integral ball-stem: precise positioning, low torque. Multi-drive compatible; high-pressure models with DBB.

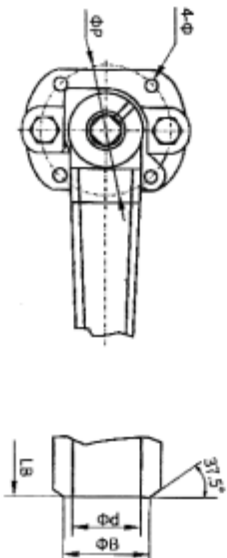


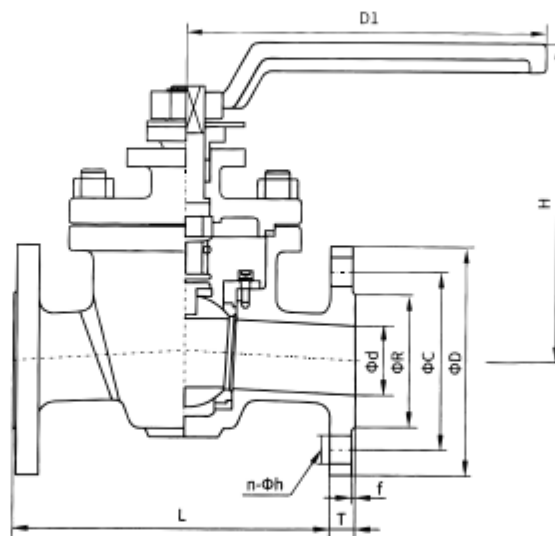
技术标准 Technical standard

设计规范 Design spec	GB/T 26146
结构长度 Face to face	GB/T 12221
连接法兰 Connection flange	JB/T 79.1
试验与检验 Test & Check	GB/T 13927

主要零件材料 Main parts and materials

阀体 body	WCB, CF8, CF8M
阀盖 bonnet	WCB, CF8, CF8M
球体 ball	F304, F316
阀座 seat	F304, F316
阀杆 Stem	316, 304
填料 Packing	PTFE, RTFE
体盖垫片 Gasket	PTFE, RTFE
止推垫片 Thrust washer	PTFE, RTFE
平垫片 Washer	SS304
填料压盖 Gland flange	A351-CF8
定位片 Stopper	SS304
护套 Bearing	PTFE
六角螺栓 Hex bolt	B8
把手 Handle	WCB
C型环 Snap Ring	Ss304
连接螺母 Cap Nut	A194-8
连接螺栓 Cap Bolt	A193-B8





CLASS 150/PN16 主要法兰连接尺寸 Main flange connection size

DN	H	D1	L(LB)		R		C		D		T		f	n-φh		B	P	Q
			CLASS 150	PN 16	CLASS 150	PN 16	CLASS 150	PN 16	CLASS 150	PN 16	CLASS 150	PN 16		CLASS 150	PN 16			
15	120	130	108	130	34.9	46	60.5	65	90	95	10	14	2	4-φ15.9	4-φ14	22	42	M5
20	120	130	117	150	42.9	56	70	75	100	105	10.9	16	2	4-φ15.9	4-φ14	28	42	M5
25	130	160	127	160	50.8	65	79.5	85	110	115	11.6	16	2	4-φ15.9	4-φ14	34	50	M6
32	152	160	140	180	63.5	76	89	100	115	140	13.2	18	2	4-φ15.9	4-φ18	43	50	M6
40	176	230	190	200	73	84	98.5	110	125	150	14.7	18	2	4-φ15.9	4-φ18	50	70	M8
50	198	230	215	230	92.1	99	120.5	125	150	165	16.3	20	2	4-φ19.1	4-φ18	61	70	M8
65	200	400	240	290	104.8	118	139.5	145	180	185	17.9	20	2	4-φ19.1	4-φ18	75	102	M10
80	218	400	280	310	127	132	152.5	160	190	200	19.5	20	2	4-φ19.1	8-φ18	91	102	M10
100	250	450	430	350	157.2	156	190.5	180	230	220	24.3	22	2	8-φ19.1	8-φ18	117	102	M10

CLASS 300/PN25-40 主要法兰连接尺寸 Main flange connection size

DN	H	D1	L(LB)		R		C		D		T		f	n-φh		B	P	Q
			CLASS 300	PN 25-40	CLASS 300	PN 25-40	CLASS 300	PN 25-40	CLASS 300	PN 25-40	CLASS 300	PN 25-40		CLASS 300	PN 25-40			
15	120	130	108	130	34.9	46	66.7	65	95	95	14.7	14	2	4-φ15.9	4-φ14	22	42	M5
20	120	130	117	150	42.9	56	82.6	75	115	105	16.3	16	2	4-φ19.1	4-φ14	28	42	M5
25	130	160	127	160	50.8	65	88.9	85	125	115	17.9	16	2	4-φ19.1	4-φ14	34	50	M6
32	152	160	165	180	63.5	76	98.4	100	135	140	19.5	18	2	4-φ19.1	4-φ18	43	50	M6
40	176	230	190	200	73	84	114.3	110	155	150	21.1	18	2	4-φ22.3	4-φ18	50	70	M8
50	198	230	215	230	92.1	99	127	125	165	165	22.7	20	2	8-φ19.1	4-φ18	61	70	M8
65	200	400	240	290	104.8	118	149.2	145	190	185	25.9	22	2	8-φ22.3	8-φ18	75	102	M10
80	218	400	280	310	127	132	168.3	160	210	200	29	24	2	8-φ22.3	8-φ18	91	102	M10
100	250	450	430	350	157.2	156	200	190	255	235	32.2	24	2	8-φ22.3	8-φ22	117	102	M10

结构特点及用途

Structural characteristics and uses

固定球设计：球体通过上下轴固定支撑，介质压力下无位移，稳定性强
低阻省力操作：配备滚动/滑动轴承，摩擦系数小，启闭扭矩低，90°旋转即可开关

双向密封可靠：弹簧预紧阀座组件，软/硬密封可选，兼具自紧补偿与自洁功能，零泄漏保障

安全防护结构：含防火密封环（符合GB/API6FA/607标准）、中腔自动泄压及上下排泄孔设计

多结构适配：二/三块式阀体，法兰连接标准化，支持全通径/缩径设计，安装维护便捷

材质兼容广泛：阀体可选铸钢、不锈钢、双相钢等，适配不同腐蚀与温度工况

适用工况：高压（1.6~42.0MPa）、大口径（DN50~DN1000）、高温（-20~+450℃）管线

介质范围：水、蒸汽、油品、天然气、燃气、腐蚀性液体及含硫介质等
应用行业：石油化工、天然气长输管线、冶金、电力、城建、环保、制药、食品等领域

功能定位：管道介质切断、流通控制，支持手动/电动/气动驱动，适配远程自动化系统

Fixed Ball Design: Ball supported by fixed upper and lower shafts, no displacement under medium pressure, high stability.

Low-Resistance & Labor-Saving Operation: Equipped with rolling/sliding bearings, low friction coefficient, low opening/closing torque, 90° rotation for on-off control.

Reliable Bidirectional Sealing: Spring-preloaded valve seat assembly, optional soft/hard sealing, featuring self-tightening compensation and self-cleaning functions, zero-leakage guarantee. Safety Protection Structure: Includes fire-safe sealing ring (compliant with GB/API6FA/607 standards), automatic cavity pressure relief, and upper/lower drain holes.

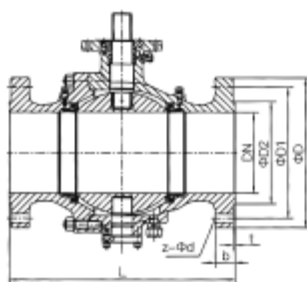
Multi-Structure Adaptability: 2/3-piece valve body, standardized flange connection, available in full-bore/reduced-bore designs, easy installation and maintenance.

Wide Material Compatibility: Valve body options include cast steel, stainless steel, duplex steel, etc., suitable for various corrosive and temperature conditions. Applicable

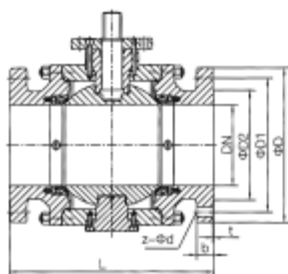
Working Conditions: High pressure (1.6~42.0MPa), large caliber (DN50~DN1000), high temperature (-20~+450°C) pipelines.

Medium Range: Water, steam, oil products, natural gas, fuel gas, corrosive liquids, sulfur-containing media, etc.

Application Industries: Petrochemical, natural gas long-distance pipelines, metallurgy, electric power, urban construction, environmental protection, pharmaceuticals, food, etc. Function Positioning: Pipeline medium shut-off and flow control, supporting manual/electric/pneumatic actuation, adaptable to remote automation systems.



两片式
2pc Ball Valve



三片式
3pc Ball Valve

技术标准 Technical standard

设计规范 Design spec	GB/T 1223T/API6D/BS 5351/ISO 17292
结构长度 Face to face	GB/T 12221/API6D/ANSI B16.10
连接法兰 Connection flange	JB/T 79.1
试验与检验 Test & Check	GB/T 13927/GB/T 26480/API6D/API 598/ISO 5208

主要零件材料 Main parts and materials

阀体 body	WCB, CF8, CF8M, ZTA1, ZTA2, ZTA10, LCB, Wc6, Wc9
阀盖 bonnet	WCB, CF8, CF8M, ZTA1, ZTA2, ZTA10, LCB, Wc6, Wc9
球体 ball	F304, F316, TA1, TA2, TA10, TC4, F5
阀座 seat	PTFE, Ni55, STL
阀杆 Stem	316, 304, TA1, TA2, TA10, TC4, 630
填料 Packing	PTFE, RTFE, 柔性石墨

国标GB:PN 16

主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
80	203	200	160	138	20	2	8-φ18
100	229	220	180	158	20	2	8-φ18
125	356	250	210	188	22	2	8-φ18
150	394	285	240	212	22	2	8-φ22
200	457	340	295	268	24	2	12-φ22
250	533	405	355	320	26	2	12-φ26
300	610	460	410	378	28	2	12-φ26
350	686	520	470	428	30	2	16-φ26
400	762	580	525	490	32	2	16-φ30
450	864	640	585	550	40	2	20-φ30
500	914	715	650	610	44	2	20-φ30
600	1067	840	770	725	54	2	20-φ30
700	1245	910	840	795	42	2	24-φ36
800	1372	1025	950	900	42	2	24-φ39
900	1524	1125	1050	1000	44	2	28-φ39
1000	1900	1255	1170	1115	46	2	28-φ42

国标GB:PN 25

主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
80	203	200	160	138	24	2	8-φ18
100	229	235	180	158	24	2	8-φ22
125	356	270	210	188	26	2	8-φ26
150	394	300	240	218	28	2	8-φ26
200	457	360	295	278	30	2	12-φ26
250	533	425	355	335	32	2	12-φ30
300	610	485	410	395	34	2	12-φ30
350	686	555	470	450	38	2	16-φ33
400	762	620	525	505	40	2	16-φ36
450	864	670	585	555	46	2	20-φ36
500	914	730	650	615	48	2	20-φ36
600	1067	845	770	720	58	2	20-φ39
700	1245	960	840	820	50	2	24-φ42
800	1372	1085	950	930	54	2	24-φ48
900	1524	1185	1050	1030	58	2	28-φ48
1000	1900	1320	1170	1140	62	2	28-φ55

国标GB:PN 40

主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
80	203/283	200	160	138	24	2	8-φ18
100	229/305	235	190	162	24	2	8-φ22
125	356/381	270	220	188	26	2	8-φ26
150	394/403	300	250	218	28	2	8-φ26
200	502	375	320	285	34	2	12-φ30
250	568	450	385	345	38	2	12-φ33
300	648	515	450	410	42	2	16-φ33
350	762	580	510	465	46	2	16-φ36
400	838	660	585	535	50	2	16-φ39
450	914	685	610	560	57	2	20-φ39
500	991	755	670	615	57	2	20-φ42
600	1143	890	795	735	72	2	20-φ48

国标GB:PN 63

主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
80	356	215	170	138	28	2	8-φ22
100	406	250	200	162	30	2	8-φ26
125	432	295	240	188	34	2	8-φ30
150	495	345	280	218	36	2	8-φ33
200	597	415	345	285	42	2	12-φ36
250	673	470	400	345	46	2	12-φ36
300	762	530	460	410	52	2	16-φ36
350	826	600	525	465	56	2	16-φ36
400	902	670	585	535	60	2	16-φ42

国标GB:PN 100

主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
80	356	230	180	138	36	2	8-φ26
100	432	265	210	162	40	2	8-φ30
125	508	315	250	188	40	2	8-φ33
150	559	355	290	218	44	2	12-φ36
200	660	430	360	285	52	2	12-φ39
250	787	505	430	345	60	2	12-φ39
300	838	585	500	410	68	2	16-φ42
350	889	655	560	465	74	2	16-φ48
400	991	715	620	535	78	2	16-φ48

国标GB:PN 100

主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
80	381	230	180	138	36	2	8-φ26
100	457	265	210	162	40	2	8-φ30
125	559	315	250	188	44	2	8-φ33
150	610	355	290	218	50	2	12-φ33
200	737	430	360	285	60	2	12-φ36
250	838	515	430	345	68	2	12-φ42
300	965	585	500	410	78	2	16-φ42

美标 (ANSI) : 150LB
主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
80	203	190	152.4	127	19.5	2	4-φ19
100	229	230	190.5	157.2	24.3	2	8-φ19
125	356	255	215.9	185.7	24.3	2	8-φ22
150	394	280	241.3	215.8	25.9	2	8-φ22
200	457	345	298.5	269.9	29	2	8-φ22
250	533	405	362	323.8	30.6	2	12-φ25
300	610	485	431.8	381	32.2	2	12-φ25
350	686	535	476.3	412.8	35.4	2	12-φ29
400	762	595	539.8	469.9	37	2	16-φ29
450	864	635	577.9	533.4	40.1	2	16-φ32
500	914	700	635	584.2	43.3	2	20-φ32
600	1067	815	749.3	692.2	48.1	2	20-φ35
700	1245	925	863.6	800	71.9	2	28-φ35
800	1372	1060	977.9	914	81.4	2	28-φ41
900	1524	1170	1085.8	1022	90.9	2	32-φ41
1000	1900	1290	1200.2	1124	90.9	2	36-φ41

美标 (ANSI) : 300LB
主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
80	282	210	168.3	127	29	2	8-φ22
100	305	255	200	157.2	32.2	2	8-φ22
125	381	280	235	185.7	35.4	2	8-φ22
150	403	320	269.9	215.9	37	2	12-φ22
200	502	380	330.2	269.9	41.7	2	12-φ25
250	568	445	387.4	323.8	48.1	2	16-φ29
300	648	520	450.8	381	51.3	2	16-φ32
350	762	585	514.4	412.8	54.4	2	20-φ32
400	838	650	571.5	469.9	57.6	2	20-φ35
450	914	710	628.6	533.4	60.8	2	24-φ35
500	991	775	685.8	584.2	64	2	24-φ35
600	1143	915	812.8	692.2	70.3	2	24-φ42

美标 (ANSI) : 600LB
主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
80	356	210	168.3	127	38.8	7	8-φ22
100	432	275	215.9	157.2	45.1	7	8-φ25
150	559	355	292.1	215.9	54.7	7	12-φ29
200	660	420	349.2	269.9	62.6	7	12-φ32
250	787	510	431.8	323.8	70.5	7	16-φ35
300	838	560	489	381.0	73.7	7	20-φ35
350	889	605	527	412.8	76.9	7	20-φ38
400	991	685	603.2	469.9	83.2	7	20-φ42
450	1092	745	654	533.4	89.6	7	24-φ44
500	1194	815	723.9	584.2	95.9	7	24-φ44
600	1397	940	838.2	692.2	108.6	7	24-φ51

美标 (ANSI) : 900LB
主要法兰连接尺寸 Main flange connection size

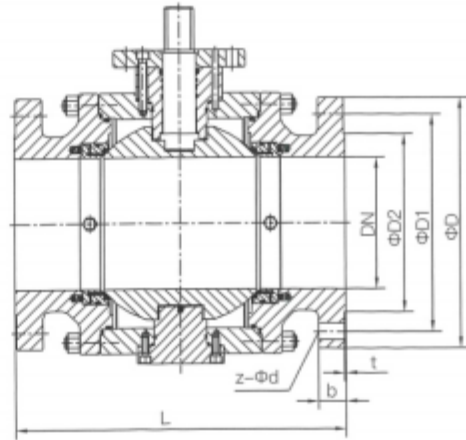
DN	L	D	D1	D2	b	f	n-φd
80	356	240	190.5	127	45.1	7	8-φ25
100	432	290	235	157.2	51.5	7	8-φ32
150	559	380	317.5	215.9	62.6	7	12-φ32
200	660	470	393.7	269.9	70.5	7	12-φ38
250	787	545	469.9	323.8	76.9	7	16-φ38
300	838	610	533.4	381	86.4	7	20-φ38
350	889	640	558.8	412.8	92.8	7	20-φ42
400	991	705	616	469.9	95.9	7	20-φ45
450	1092	785	685.8	533.4	108.6	7	20-φ51
500	1194	855	749.3	584.2	115	7	20-φ54
600	1397	1040	901.7	692.2	146.7	7	20-φ67

日标 (JIS) : 10K
主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
80A	203	185	150	126	18	2	8-φ19
100A	229	210	175	151	18	2	8-φ19
125A	356	250	210	182	20	2	8-φ23
150A	394	280	240	212	22	2	8-φ23
200A	457	330	290	262	22	2	12-φ23
250A	533	400	355	324	24	2	12-φ25
300A	610	445	400	368	24	3	16-φ25
350A	686	490	445	413	26	3	16-φ25
400A	762	560	510	475	28	3	16-φ27
450A	864	620	565	530	30	3	20-φ27
500A	914	675	620	585	30	3	20-φ27
600A	1067	795	730	690	32	3	24-φ33
700A	1245	905	840	800	34	3	24-φ33
800A	1372	1020	950	905	36	3	28-φ33
900A	1524	1120	1050	1005	38	3	28-φ33
1000A	1900	1235	1160	1110	40	3	28-φ39

日标 (JIS) : 20K
主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
80A	283	200	160	132	22	2	8-φ23
100A	305	225	185	160	24	2	8-φ23
125A	381	270	225	195	26	2	8-φ25
150A	403	305	260	230	28	2	12-φ25
200A	502	350	305	275	30	2	12-φ25
250A	568	430	380	345	34	2	12-φ27
300A	648	480	430	395	36	6	16-φ27
350A	762	540	480	440	40	6	16-φ33
400A	838	605	540	495	46	6	16-φ33
450A	914	675	605	560	48	6	20-φ33
500A	991	730	660	615	50	6	20-φ33
600A	1143	845	770	720	54	6	24-φ39



国标 (GB) :PN 40

主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
100	305	235	190	162	24	2	8-φ18
125	381	270	220	188	26	2	8-φ26
150	403	300	250	218	28	2	8-φ26
200	502	375	320	285	34	2	12-φ30
250	568	450	385	345	38	2	12-φ33
300	648	515	450	410	42	2	16-φ33
350	762	580	510	465	46	2	16-φ36
400	838	660	585	535	50	2	20-φ39

国标 (GB) :PN 63

主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
100	406	250	200	162	30	2	8-φ26
125	432	295	240	188	34	2	8-φ30
150	495	345	280	218	36	2	8-φ33
200	597	415	345	285	42	2	12-φ36
250	673	470	400	345	46	2	12-φ36
300	762	530	460	410	52	2	16-φ36
350	826	600	525	465	56	2	16-φ39
400	902	670	585	535	60	2	16-φ42

国标 (GB) :PN 100

主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
100	432	265	210	162	40	2	8-φ30
125	508	315	250	188	40	2	8-φ33
150	559	355	290	218	44	2	12-φ33
200	660	430	360	285	52	2	12-φ36
250	787	505	430	345	60	2	12-φ39
300	838	585	500	410	68	2	16-φ42
350	889	655	560	465	74	2	16-φ48
400	991	715	620	535	78	2	16-φ48

美标 (ANSI) : 300LB

主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
100	305	255	200	157.2	32.2	2	8-φ22
125	381	280	235	185.7	35.4	2	8-φ22
150	403	320	269.9	215.9	37	2	12-φ22
200	502	380	330.2	269.9	41.7	2	12-φ26
250	568	445	387.4	323.8	48.1	2	16-φ30
300	648	520	450.8	381	51.3	2	16-φ33
350	762	585	514.4	412.8	54.4	2	20-φ33
400	838	650	571.5	469.9	57.6	2	20-φ36

美标 (ANSI) : 600LB

主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
100	432	275	215.9	157.2	45.1	7	8-φ25
125	508	330	266.7	185.7	51.5	7	8-φ30
150	559	355	292.1	215.9	54.7	7	12-φ29
200	660	420	349.2	269.9	62.6	7	12-φ32
250	787	510	431.8	323.8	70.5	7	16-φ35
300	838	560	489	381	73.7	7	20-φ35
350	889	605	527	412.8	76.9	7	20-φ38
400	991	685	603.2	469.9	83.2	7	20-φ42

美标 (ANSI) : 900LB

主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	D2	b	f	n-φd
100	432	290	235	157.2	51.5	7	8-φ32
125	508	350	279.4	185.7	57.8	7	8-φ36
150	559	380	317.5	215.9	62.6	7	12-φ32
200	660	470	393.7	269.9	70.5	7	12-φ38
250	787	545	469.9	323.8	76.9	7	16-φ38
300	838	610	533.4	381.0	86.4	7	20-φ38
350	889	640	558.8	412.8	92.8	7	20-φ42
400	991	705	616	469.9	95.9	7	20-φ45

化工专用斜杆式 放料球阀 (釜底阀)

奔日阀门 擅长化工行业
— 出口欧美16年 —

INCLINED STEM DISCHARGE BALL
VALVE (KETTLE BOTTOM, CHEMICAL)



功能概述

斜杆式放料釜底阀, 又称罐底球阀、反应釜根部阀等, 是专门为反应釜、储罐及其他工业容器底部物料排放而设计的阀门。其显著特征为斜杆结构, 阀杆与阀体管道呈特定倾斜角度, 常见如 105° 或 45° 斜置。这一独特设计有效解决了传统阀门在安装与使用过程中遇到的诸多问题, 广泛应用于化工、制药、食品、环保、矿物加工等行业。

主要零件材料 Main parts and materials

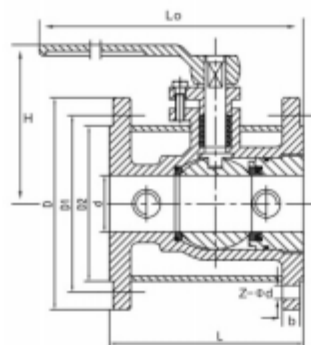
阀体 body	WCB, 304, 316L
阀芯 core	WCB, 304, 316L
阀座 seat	PTFE, PPL
密封 Seal	镀铬, Ni60+55, STL, WC

技术标准 Technical standard

设计规范 Design spec	GB/T 12237
结构长度 Face to face	Q/ZJXJ 05-2024
连接法兰 Connection flange	HG/T 20592
试验与检验 Test&Check	GB/T 13927
公称压力 Nominal Pressure	1.0 MPa 1.6 MPa
驱动方式 Stud	手动、电动、气动

PN16 主要法兰连接尺寸 Main flange connection size

DN	L	D	D1	M-K	D3	D4	N-K	D5	L1
25/40	100	150	110	4-φ18	115	85	4-φ14	25	100
25/50	100	165	125	4-φ18	115	85	4-φ14	25	100
25/80	100	200	160	8-φ18	115	85	4-φ14	25	100
25/100	100	220	180	8-φ18	115	85	4-φ14	25	100
40/65	130	185	145	8-φ18	150	110	4-φ18	40	125
40/80	130	200	160	8-φ18	150	110	4-φ18	40	125
40/100	130	220	180	8-φ18	150	110	4-φ18	40	125
40/125	130	250	210	8-φ18	150	110	4-φ18	40	125
50/80	140	200	160	8-φ18	165	125	4-φ18	50	135
50/100	140	220	180	8-φ18	165	125	4-φ18	50	135
50/125	140	250	210	8-φ18	165	125	4-φ18	50	135
50/150	140	285	240	8-φ23	165	125	4-φ18	50	135
65/100	160	220	180	8-φ18	185	145	8-φ18	65	155
65/125	160	250	210	8-φ18	185	145	8-φ18	65	155
65/150	160	285	240	8-φ23	185	145	8-φ18	65	155
80/100	175	220	180	8-φ18	200	160	8-φ18	80	170
80/125	175	250	210	8-φ18	200	160	8-φ18	80	170
80/150	175	285	240	8-φ23	200	160	8-φ18	80	170
100/125	205	250	210	8-φ18	220	180	8-φ18	100	200
100/150	205	285	240	8-φ23	220	180	8-φ18	100	200



工作原理 Working principle

采用双密封圈结构，因此球体旋转任何一个方向都具有可靠的密封性，并可调节密封圈的位置达到所需目的。而本球阀以聚四氟乙烯--石墨为密封材料，所以密封性能好而稳定，维修方便，开启和关闭只需旋转手柄90度。

This ball valve is equipped with two sealing rings, so the ball maintains reliable sealing performance regardless of the direction of rotation. Additionally, the position of the sealing rings can be adjusted to meet specific requirements. Moreover, this ball valve uses polytetrafluoroethylene (PTFE) - graphite as the sealing material, which ensures excellent and stable sealing performance, along with convenient maintenance. To open or close the valve, it is only necessary to rotate the handle by 90 degrees.

主要部件材料 Main Component Materials

阀体螺塞	304/316/2205/2507
球体	304/316/2205/2507
阀杆	304/316/2205/2507
阀座	F4/石墨/高弹性胶 (8202) 型
填料	F4/石墨/高弹性胶 (8202) 型

技术标准 Technical standard

设计标准 Design Standard	GB/T12224
结构长度 Face-to-Face Dimension	GB/T12221
法兰尺寸 Flange Dimensions	JB79(或按合同要求)
检验&测试 Inspection & Testing	GB/T13927
工作压力 MPa Packing, gasket	0.6、1.0、1.6

PN 16 作调节阀的整体式高温球阀主要连接尺寸

Main Connection Dimensions of Integral High-Temperature Ball Valves (for Globe Valve Replacement)

DN	L	D	D1	D2	Z-φD	b	L0	H
15	130	95	65	45	4-φ14	16	150	105
20	150	105	75	58	4-φ14	18	150	110
25	160	115	85	68	4-φ14	18	160	120
32	180	140	100	78	4-φ18	18	180	140
40	200	150	110	88	4-φ18	18	250	155
50	230	165	125	102	4-φ18	18	300	175
65	290	185	145	122	8-φ18	18	300	195
80	310	200	160	138	8-φ18	20	320	225
100	350	220	180	158	8-φ18	20	320	250
125	400	250	210	188	8-φ18	22	360	270
150	480	285	240	212	8-φ22	22	360	290
200	600	340	295	268	12-φ22	24	450	350

GB INTEGRAL INSULATED BALL VALVE (CHEMICAL)

PN 25 作调节阀的整体式高温球阀主要连接尺寸

Main Connection Dimensions of Integral High-Temperature Ball Valves (for Globe Valve Replacement)

DN	L	D	D1	D2	Z-ΦD	b	Lo	H
15	130	95	65	45	4-Φ14	16	150	105
20	150	105	75	58	4-Φ14	18	150	110
25	160	115	85	68	4-Φ14	18	160	120
32	180	140	100	78	4-Φ18	18	180	140
40	200	150	110	88	4-Φ18	18	250	155
50	230	165	125	102	4-Φ18	20	300	175
65	290	185	145	122	8-Φ18	22	300	195
80	310	200	160	138	8-Φ18	24	300	225
100	350	235	190	158	8-Φ22	24	320	250
125	400	270	220	188	8-Φ26	26	320	270
150	480	300	250	218	8-Φ26	28	360	290
200	600	360	310	278	12-Φ26	30	450	350

PN 10 作切断阀用的整体式高温球阀主要连接尺寸

Main Connection Dimensions of Integral High-Temperature Ball Valves (for Gate Valve Replacement)

DN	L	D	D1	D2	Z-ΦD	b	Lo	H
40	165	150	110	88	4-Φ18	18	250	155
50	180	165	125	102	4-Φ18	18	300	175
65	195	185	145	122	8-Φ18	18	300	195
80	210	200	160	138	8-Φ18	20	320	225
100	229	220	180	158	8-Φ18	20	320	250
125	255	250	210	188	8-Φ18	22	360	270
150	280	285	240	212	8-Φ22	22	360	290
200	330	340	295	268	8-Φ22	24	450	320

PN 16 作切断阀用的整体式高温球阀主要连接尺寸

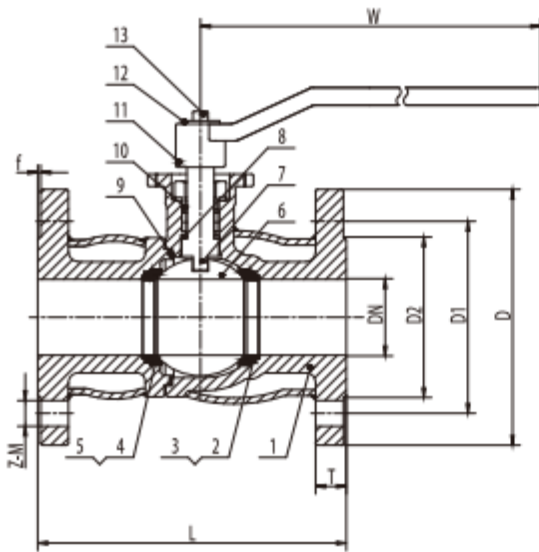
Main Connection Dimensions of Integral High-Temperature Ball Valves (for Gate Valve Replacement)

DN	L	D	D1	D2	Z-ΦD	b	Lo	H
40	230	150	110	88	4-Φ18	18	250	155
50	250	165	125	102	4-Φ18	18	300	175
65	265	185	145	122	8-Φ18	18	300	195
80	280	200	160	138	8-Φ18	20	320	225
100	300	220	180	158	8-Φ18	20	320	250
125	325	250	210	188	8-Φ18	22	360	270
150	350	285	240	212	8-Φ22	22	360	290
200	400	340	295	268	12-Φ22	24	450	320

PN 25 作切断阀用的整体式高温球阀主要连接尺寸

Main Connection Dimensions of Integral High-Temperature Ball Valves (for Gate Valve Replacement)

DN	L	D	D1	D2	Z-ΦD	b	Lo	H
50	250	165	125	102	4-Φ18	20	300	175
65	265	185	145	122	8-Φ18	22	300	195
80	280	200	160	138	8-Φ18	24	320	225
100	300	235	190	162	8-Φ22	24	320	250
125	325	270	220	188	8-Φ26	26	360	270
150	350	300	250	218	8-Φ26	28	360	290
200	400	360	310	278	12-Φ26	30	450	320



半夹套保温球阀工作原理

开关控制: 阀门内置可旋转球体 (带流通孔), 旋转球体可快速控制流体通断 (旋转 90° 完成全开 / 全关)。

保温功能: 阀门外层设半夹套, 向夹套内通入热水、蒸汽等保温介质, 可防止管内流体凝固或粘度升高, 保证输送稳定。

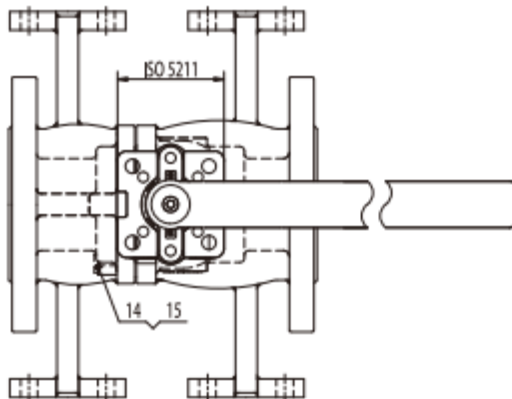
Working Principle of Semi-Jacketed Insulated Ball Valve

On-off control: A rotatable ball (with a flow hole) is built into the valve; rotating the ball can quickly control the on-off of fluid (90° rotation to achieve full open/close).

Insulation function: The outer layer of the valve is equipped with a semi-jacket; injecting insulation media (such as hot water, steam) into the jacket can prevent the fluid in the pipe from solidifying or increasing in viscosity, ensuring stable transportation.

性能参数 Performance Parameters

公称压力 Nominal pressure	1.6MPa
强度试验 Nominal pressure	2.4MPa
密封试验 Strength test Sealing test	1.76MPa
气密封试验 Gas seal test	0.6MPa
适用温度 Applicable temperature	-29°C-180°C
适用介质 Applicable medium	水、油、气、酸碱类



主要零件材料 Main parts and materials

螺母 Nut	A194 8
螺栓 Bolt	A193 B8
螺钉 Screw	304
定位片 Locating Plate	304
手柄 Handle	CF8
填料压盖 Packing Gland	CF8
密封垫片 Sealing Gasket	PTFE
止推垫 Thrust Washer	PTFE
阀杆 Valve Stem	S304
球体 Ball	S304
阀座 Valve Seat	S304
蝶形弹簧 Disc Spring	S304
垫圈 Washer	S304
柔性石墨 Flexible Graphite	石墨
阀体 Valve Body	Cf8

技术要求 Technical requirements

设计与制造标准 Design and Manufacturing Standards	En1983, EN12516-1
连接方式标准 Connection Method Standards	DIN2543~DIN2545 EN1092
结构长度标准 Structural Length Standards	DIN3202-F4 DIN3202-F5
检验与测试标准 Inspection and Testing Standards	DIN 3230, EN12266-1

主要法兰连接尺寸 Main flange connection size

DN	d	D	D1	D2	T	f	L±1.5	Z-M	ISO5211	W
15	15	95	65	45	16	2	130	4-Φ14	F03/F04	180
20	20	105	75	58	18	2	140	4-Φ14	F03/F04	180
25	25	115	85	68	18	2	150	4-Φ14	F04/F05	180
32	32	140	100	78	18	2	165	4-Φ18	F04/F05	180
40	40	150	110	88	18	2	180	4-Φ18	F05/F07	255
50	49	165	125	102	18	2	203	4-Φ18	F05/F07	255
65	65	185	145	122	18	2	222	8-Φ18	F07/F10	320
80	79	200	160	138	20	2	250	8-Φ18	F07/F10	320
100	99	220	180	158	20	2	280	8-Φ18	F07/F10	365
125	125	250	210	188	22	2	332	8-Φ18	F10/F12	520
150	150	285	240	212	22	2	354	8-Φ22	F10/F12	520

GB FLOATING BALL VALVE (CHEMICAL)

结构特点

Structural characteristics

浮动软密封不锈钢球阀用于PN16~PN63的各种管路上,用于截断或接通管路中的介质,选用不同的材质,可分别适用于水、蒸汽、油品、液化气、天然气、煤气、醋酸、氧化性介质、尿素等多种介质。

- a. 在各种阀门中,球阀的流动阻力最小,全径球阀打开时,球体通道、阀体通道和连接管径相等并成一直径,介质几乎可以毫无损失的流过。
- b. 球阀旋转90°即可全关全开,启闭迅速。与相同规格的闸阀、截止阀比较,球阀体积小、重量轻、便于管道安装。

Floating soft seal stainless steel ball valve used for PN16~PN63 various piping, used to cut off or connect media in pipelines, use different material, can be respectively suitable for water, steam, oil, liquefied petroleum gas, natural gas, coal gas, acetic acid, oxidizing medium, urea, and other media. A, in all kinds of valve, ball valve flow resistance of the smallest, when full bore ball valve is opened, the sphere channels, the body and connected to equal diameter and diameter, flow medium can be almost no losses.

B, ball valve can be rotated 90° seated fully open, opening and closing fast. Compared with the same specifications of the gate valve, globe valve, ball valve, small volume, light weight, easy to pipeline installation.

标准与规范 Standards and Specifications

设计标准 Design standard	结构长度 Face to Face	法兰连接尺寸 Flange End	试验-检验 Test & Check	压力-温度 Pressure-Temp.
GB/T12237 AP6D	GB/T12221	JB/T79 HG20592	JB/T9092 GB/T13927	GB/T12224 ASME B16.34

性能参数 performance parameters

序号 NO.	项目名称 Item name	项目名称 Item name			
		PN16	PN25	PN40	PN64
1	公称压力(MPa)	1.6	2.5	4.0	6.4
2	壳体强度试验压力(MPa) Shell strength test pressure	常温下公称压力的1.5倍 1.5 Times the nominal pressure at room temperature			
3	高压密封试验压力(MPa) High pressure seal test pressure	常温下公称压力的1.1倍 1.1 Times the nominal pressure at room temperature			
4	常温下工作压力(MPa) Operating pressure at Normal temperature	≤1.6	≤2.5	≤4.0	≤6.4

主要零件材料 Main components material

名称 Name	材料 Material								
阀体/阀盖 Body/Bonnet	CF8	CF3	CF8M	CF3M	WCB	LCB	Wc6	Wc9	C5
球体 Ball	CF8	CF3	CF8M	CF3M	WCB Hr	CF8	CF8	CF8	CF8
阀杆 Stem	F304	F304L	F316	F316L	2CR13	F304	F304	F304	F304
阀座 Seat	PTFE/PPPL/304								
填料/垫片 Packing/Gasket	PTFE				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								

API FLANGED BALL VALVE (PETROCHEMICAL)

设计 Design

美标球阀为提供最大的操作寿命和可靠性而设计和生产的，所有的球阀都符合美国石油学会标准API608和API6D的要求和英标BS 5351与美国机械工程师协会标准ASME B16.34一致。阀门由完整的阀体、阀盖和内件组成。

API ball valve are designed and manufactured to provide maximum service life and All ball valve comply with API Standard API 608&API 6D, British Standard BS 5351 and generally conform to American Society of Mechanical Engineers Standard ASME B16.34. Valves are available in a complete range of body/bonnet materials and trims.

材料范围Range of Materials

阀体/阀盖的材料包括碳含量的九个等级，低合金和不锈钢，在特殊的使用中，他们可用合金和不锈钢的其他等级。有许多内件可供在不同的环境下使用，填料和垫片的选择也为各种环境所配备。

Standard body/bonnet materials include nine grades of carbon, low alloy and stainless steels. For special applications they can be supplied in other grades of alloy and stainless steel. There's a full range of trim materials to match any service. Optional packing and gasket materials are available for a full range of service conditions.

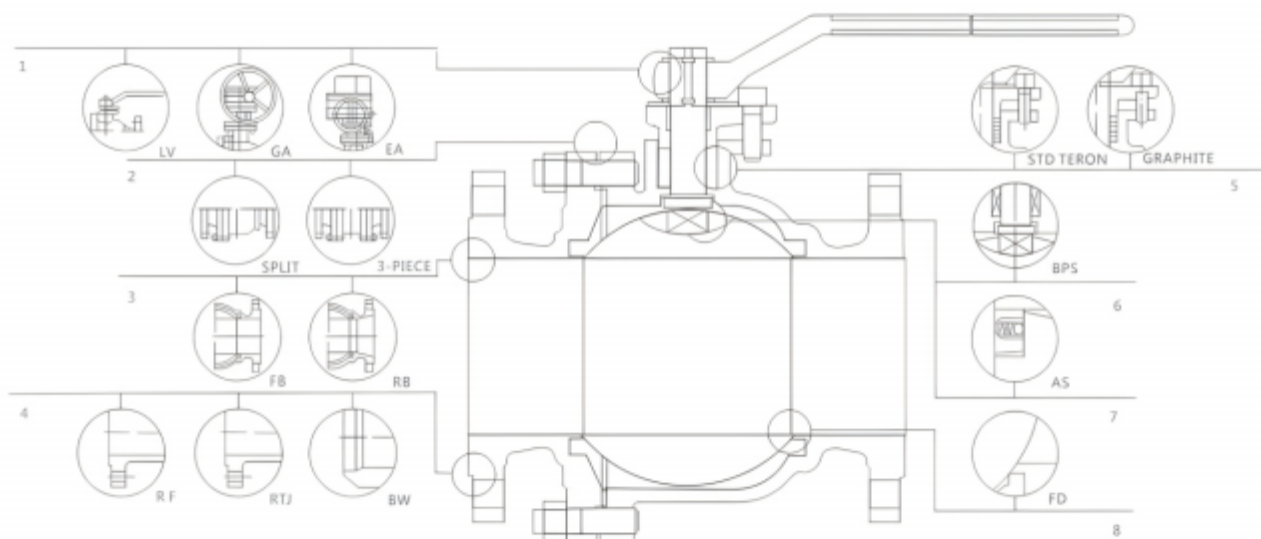
阀门的标志可以按照客户的要求定制 Available Modifications For Trademark Cast Steel Valves

- * 内件变化
- * 连接方式改变
- * 填料和垫片的改变
- * 固定式操作
- * 加长手柄

- * Trim changes
- * End connection Modifications
- * Packing and Gasket Changes
- * Operator Mounting
- * Handwheel Extensions

- * 压力调节
- * 静电弹簧/防火标准
- * 客户的特殊铸造要求
- * 焊接端的内孔改变
- * 氧/氯气的清洁及包装

- * Pressure Equalizing
- * AS or FD
- * Customer specified Coatings
- * Weld End Bore Changes
- * Oxygen & Chlorine Cleaning & Packaging



1、操作Operating

用手柄更容易操作，同样也可以用蜗轮、电动、气动、液动，使它们可用于更艰难的环境

Extended lever for easy operation. Also available with gearing, motor actuator, pneumatic or hydraulic actuators for more difficult services

2、阀体-阀盖

BODY & BONNET

采用3片式12"以下的阀体阀盖，用这种结构更方便于外部零件的修理和替换

Split or 3-piece, split body & bonnet for 12" & Small Disassembles easily for repair or replacement of internal components.

3、通径BORE

全通径和缩径全通径适用于大的流量介质，也可用于清扫管路

Full and reduced full diameters are suitable for large flow media; also please sweep the pipe

4、连接方式

End Connections

可采用法兰连接、环连接、对接焊管件

Flange connection, ring connection and butt welding fitting can be used

5、填料Packing

标准填料一般采用特氟龙材质，保证填料在高循环的压缩和严峻的操作环境下，石墨填料适合高温条件下使用

STD Packing Multiple V-TEFLON packing, combined with live loading maintains packing compression under high-cycle and severe service applications. Graphite packing use situation for high-temperature.

6、阀杆防脱Anti-off stem

防止阀杆脱落，一个压力安全的阀杆设计应该是有防脱结构，在正常压力下不易飞出

To prevent stem shedding, a pressure-safe stem design should be designed with an anti-tilt structure to prevent design that does not fly out under normal pressure

7、静电弹簧Electrostatic spring

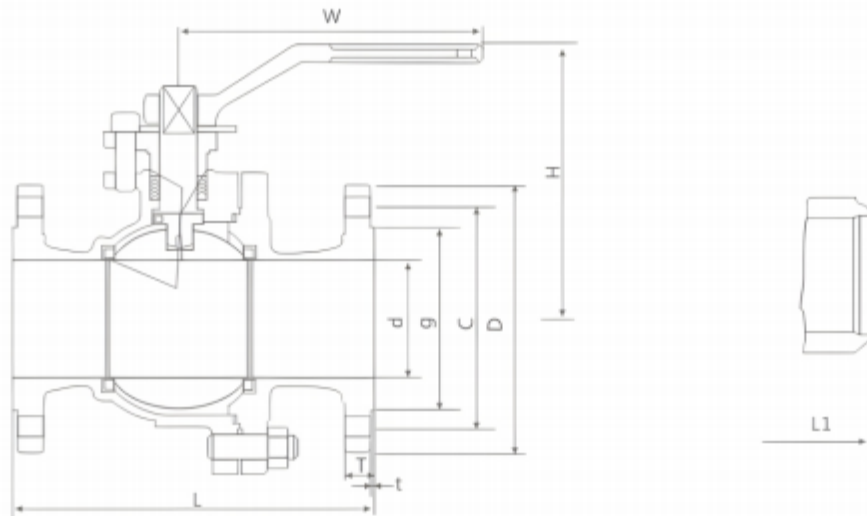
这种连接总是在球体和阀杆/阀体之间运动卸载最终在操作时静止

This connection always moves between the ball and stem/body and the unloading eventually stops during operation.

8、防火标志 Fire sign

根据API607或BS6755来设计，确保他们在发生火灾时的操作适用性，其次金属密封面当主要的密封面被火破坏时就像是一层隔离墙，符合API607的阀门带石墨填料和垫片

Fire Durable. Designed according to API607 or BS6755 to ensure their operability in case of fire, the metal sealing surface ACTS as a barrier when the main sealing surface is damaged by fire, and API607 compliant valves with graphite packing and gaskets



应用标准

球阀符合API608/API6D 标准
 球阀符合ISO 10434/ISO 14313标准
 防火标志采用API607 标准
 防静电采用API608标准
 符合ASMEB16.34 标准
 结构长度符合ASMEB16.10 标准
 法兰尺寸符合ASMEB16.5 标准
 对接焊符合ASME B16.25标准
 试验与检验符合API598/API6D 标准

Applicable standards

BALL VALVES, API608/API6D
 BALL VALVES, ISO 10434/SO 14313
 FIRE DURABLE, AP1607
 ANTISTATIC, API608
 VALVES, ASME B 1634
 FACE TO FACE, ASMEB1610
 END FLANGES,ASMEB16.5
 BUTT WELDING ENDS, ASMB1625
 INSPECTION AND TEST, API598/API6D

设计描述

全通径设计
 螺栓连接
 浮动结构
 防脱阀杆
 防火设计
 静电装置
 切断装置
 ISO5211 固定盘
 法兰/焊接端
 蜗轮操作

Design description:

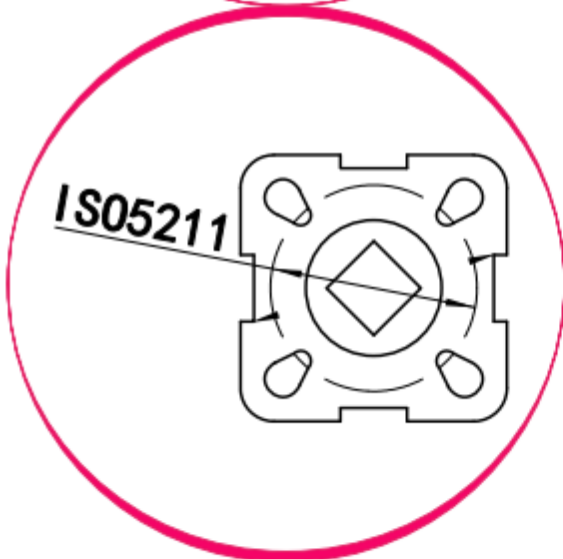
FULL PORT DESIGN
 BB,BOLTED BONNET,SPLT BODY
 FLOATING BALL TYPE
 BLOW-OUT PROOF STEM
 FIRE DURABLE CONSTRUCTON
 ANTISTATIC DEVICE
 STOPPER DEVICE
 ISO5211 MOUNTING PAD
 FLANGED OR BUTT WELDING ENDS
 AVAILABLE WTH BG OPERATOR

各部件材质Materials of parts

序号 NO	零件名称 Part Name	ASTM材质ASTM Material		
		碳钢Carbon Steel	CEBM	CF8
1	阀体Body	A216-WCB	A351-CF8M	CF8
2	阀盖Bonnet	A216-WCB	A351-CF8M	CF8
3	球Ball	A182-F304I)	A182-F316	F304
4	阀杆Stem	A276-304	A276-316	F304
5	阀座Seat		R.PTFE	
6	垫片Gasket	石墨+3042)Graphite+3042)	PTFE	PTFE
7	阀盖螺栓Valve cover bolt	A193-B7	A193-B8M	A193-B8M
8	阀盖螺母Valve cover nut	A194-2H	A194-8M	A194-8M
9	填料Packing		PTFE	PTFE
10	填料压板Packing press plate	A216-WCB	CF8	CF8
11	填料螺栓Packing bolt	A193-B7	A193-B8M	A193-B8M
12	定位片Position sheet	碳钢Carbon Steel	F304	F304
13	手柄Handle		碳钢Carbon Steel	

注释: 1、A105+ENP 可选择的 Note:1)A105+ENP optional

2、缠绕石墨垫片Spiral wound construction.



标准/STANDARD

制造标准: CLASS/GB /JIS

公称口径: 1/2"-10"

公称压力: PN16-100/150LB -600LB /5K -20K

适用温度: -29°C~180°C

通用介质: 水、油、气、酸碱类

Manufacturing standard: DIN

Nominal diameter: 1/2"-10"

Nominal pressure: PN16-100/150LB -600LB /5K -20K

Applicable temperature: -29°C~180°C

Applicable media: Water, Oil, Gas, AND SO ON

特点/Features

全口径 Full port, 1/2" ~ 10" (DN15 ~ DN250)

工作压力 W.P.: PN16-100/150LB -600LB /5K -20K

工作温度 W.T.: -29°C ~ 180°C

精密铸造 Investment casting

阀杆防爆出装置设计 Blow-out proof stem

防静电装置 (可选) Anti-static device (option)

带锁手柄 Locking device handle

ISO5211直装高平台设计 ISO 5211 Direct mounting pad

自动化装置 (可选) Automation Device (option)

材料表/MATERIAL LIST

序号	零件名称 PART	材质 MATERIALS		
1	阀体 BODY	WCB	CF8	CF8M
2	阀座 SEAT	PTFE/RPTFE		
3	球体 BALL	F304/F316		
4	O形圈 O-RING	EPDM	FKM	HNBR
5	垫片 GASKET	PTFE/RPTFE		
6	阀盖 BONNET	WCB	CF8	CF8M
7	螺栓 BOLT	F304		
8	螺母 NUT	F304		
9	阀杆 STEM	F304/F316		
10	阀杆垫圈 STEM WASHER	PTFE/RPTFE		
11	耐磨垫圈 WEAR WASHER	PTFE+25% GF/RPTFE+25%GF		
12	填料盖 GLAND	F304		
13	碟形弹簧 DISC SPRING	17-4/F304		
14	压盖法兰 GLAND FLANGE	CF8		
15	六角螺栓 HEX SOCKET BOLT	F304		
16	螺母 NUT	F304		
17	手柄 HANDLE	WCB/F304		

CLASS 150/JIS10K/GB PN16

SIZE	d	H	D1	L			R			C			D			T			f			n-Φh			W	ISO 5211
				Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16		
1/2"	15	82	130	108	108	130	34.9	51	46	60.3	70	65	90	95	95	10.0	12	14	2	1	2	4-Φ15.9	4-Φ15	4-Φ14	9	F03/F04
3/4"	20	85	130	117	117	130	42.9	56	56	69.9	75	75	100	100	105	10.9	14	16	2	1	2	4-Φ15.9	4-Φ15	4-Φ14	9	F03/F04
1"	25	94	160	127	127	140	50.8	67	65	79.4	90	85	110	125	115	11.6	14	16	2	1	2	4-Φ15.9	4-Φ19	4-Φ14	11	F04/F05
1 1/4"	32	100	160	140	140	165	63.5	76	76	88.9	100	100	115	135	140	13.2	16	18	2	2	2	4-Φ15.9	4-Φ19	4-Φ18	11	F04/F05
1 1/2"	40	115	230	165	165	165	73.0	81	84	98.4	105	110	125	140	150	14.7	16	18	2	2	2	4-Φ15.9	4-Φ19	4-Φ18	14	F05/F07
2"	50	120	230	178	178	203	92.1	96	99	120.7	120	125	150	155	165	16.3	16	20	2	2	2	4-Φ19.1	4-Φ19	4-Φ18	14	F05/F07
2 1/2"	65	155	400	190	190	222	104.8	116	118	139.7	140	145	180	175	185	17.9	18	20	2	2	2	4-Φ19.1	4-Φ19	4-Φ18	17	F07/F10
3"	80	165	400	203	203	241	127.0	126	132	152.4	150	160	190	185	200	19.5	18	20	2	2	2	4-Φ19.1	8-Φ19	8-Φ18	17	F07/F10
4"	100	200	450	229	229	305	157.2	151	156	190.5	175	180	230	210	220	24.3	18	22	2	2	2	8-Φ19.1	8-Φ19	8-Φ18	22	F10
5"	125	250	750	356	356	356	185.7	182	184	215.9	210	210	255	250	250	24.3	20	22	2	2	2	8-Φ22.3	8-Φ23	8-Φ18	22	F10
6"	150	295	750	394	394	394	215.9	212	211	241.3	240	240	280	280	285	25.9	22	24	2	2	2	8-Φ22.3	8-Φ23	8-Φ22	27	F10/F12
8"	200	320	1000	457	457	457	269.9	262	266	298.5	290	295	345	330	340	29.0	22	24	2	2	2	8-Φ22.3	12-Φ23	12-Φ22	36	F14

CLASS 300/JIS10K/GB PN25-40

SIZE	d	H	D1	L			R			C			D			T			f			n-Φh			W		ISO5211	
				Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300
1/2"	15	82	130	140	140	130	34.9	51	46	66.7	70	65	95	95	95	14.7	14	14	2	1	2	4-Φ15.9	4-Φ15	4-Φ14	9	9	F03/F04	F03/F04
3/4"	20	85	130	152	152	150	42.9	56	56	82.6	75	75	115	100	105	16.3	16	16	2	1	2	4-Φ19.1	4-Φ15	4-Φ14	9	9	F03/F04	F03/F04
1"	25	94	160	165	165	160	50.8	67	65	88.9	90	85	125	125	115	17.9	16	16	2	1	2	4-Φ19.1	4-Φ19	4-Φ14	11	11	F04/F05	F04/F05
1 1/4"	32	100	160	178	178	180	63.5	76	76	98.4	100	100	135	135	140	19.5	18	18	2	2	2	4-Φ19.1	4-Φ19	4-Φ18	11	11	F04/F05	F04/F05
1 1/2"	40	115	230	190	190	200	73.0	81	84	114.3	105	110	155	140	150	21.1	18	18	2	2	2	4-Φ22.3	4-Φ19	4-Φ18	14	14	F05/F07	F05/F07
2"	50	120	230	216	216	230	92.1	96	99	127.0	120	125	165	155	165	22.7	18	20	2	2	2	8-Φ19.1	8-Φ19	4-Φ18	14	14	F05/F07	F05/F07
2 1/2"	65	155	400	241	241	241	104.8	116	118	149.2	140	145	190	175	185	25.9	20	22	2	2	2	8-Φ22.3	8-Φ19	8-Φ18	17	22	F07/F10	F10
3"	80	165	400	282	282	283	127.0	132	132	168.3	160	160	210	200	200	29.0	22	24	2	2	2	8-Φ22.3	8-Φ23	8-Φ18	22	22	F10	F10
4"	100	200	450	305	305	305	157.2	160	156	200.0	185	190	255	225	235	32.2	24	24	2	2	2	8-Φ22.3	8-Φ23	8-Φ22	22	22	F10	F10
5"	125	250	750	381	381	381	185.7	195	184	235.0	225	220	280	270	270	35.4	26	26	2	2	2	8-Φ22.3	8-Φ25	8-Φ26	27	27	F10/F12	F10/F12
6"	150	295	750	403	403	403	215.9	230	211	269.9	260	250	320	305	300	37.0	28	28	2	2	2	12-Φ22.3	12-Φ25	8-Φ26	27	27	F10/F12	F10/F12
8"	200	320	1000	502	502	502	269.9	275	284	330.2	305	320	380	350	375	41.7	30	34	2	2	2	12-Φ25.4	12-Φ25	12-Φ30	36	36	F14	F14

CLASS 600/GB PN63-100

SIZE	d	H	D1	L			R		C			D			T			f		n-Φh			W	ISO 5211	
				Class 600	PN 63	PN 100	Class 600	PN63-100	Class 600	PN 63	PN 100	Class 600	PN 63	PN 100	Class 600	PN 63	PN 100	Class 600	PN 63	PN 100	Class 600	PN63-100			Class 600
1/2"	15	85	130	165	165	165	34.9	46	66.7	75	75	95	105	105	21.3	20	20	7	2	2	4-Φ15.9	4-Φ14	4-Φ14	11	F04/F05
3/4"	20	90	130	190	190	190	42.9	56	82.6	90	90	115	130	130	22.9	20	20	7	2	2	4-Φ19.1	4-Φ18	4-Φ18	11	F04/F05
1"	25	100	160	216	216	216	50.8	65	88.9	100	100	125	140	140	24.5	24	24	7	2	2	4-Φ19.1	4-Φ18	4-Φ18	14	F05/F07
1 1/4"	32	105	160	229	229	229	63.5	76	98.4	110	110	135	155	155	27.7	24	24	7	2	2	4-Φ19.1	4-Φ22	4-Φ22	14	F05/F07
1 1/2"	40	125	230	241	241	241	73.0	84	114.3	125	125	155	170	170	29.3	26	26	7	2	2	4-Φ22.3	4-Φ22	4-Φ22	17	F07/F10
2"	50	130	230	292	292	292	92.1	99	127.0	135	145	165	180	195	32.4	26	28	7	2	2	8-Φ19.1	4-Φ22	4-Φ26	17	F07/F10
2 1/2"	65	165	400	330	330	330	104.8	118	149.2	160	170	190	205	220	35.6	26	30	7	2	2	8-Φ22.3	8-Φ22	8-Φ26	22	F10/F12
3"	80	175	400	356	356	356	127.0	132	168.3	170	180	210	215	230	38.8	28	32	7	2	2	8-Φ22.3	8-Φ22	8-Φ26	22	F10/F12
4"	100	220	450	432	406	432	157.2	156	215.9	200	210	275	250	265	45.1	30	36	7	2	2	8-Φ25.4	8-Φ26	8-Φ30	27	F12/F14



可齿轮箱式



可电动式

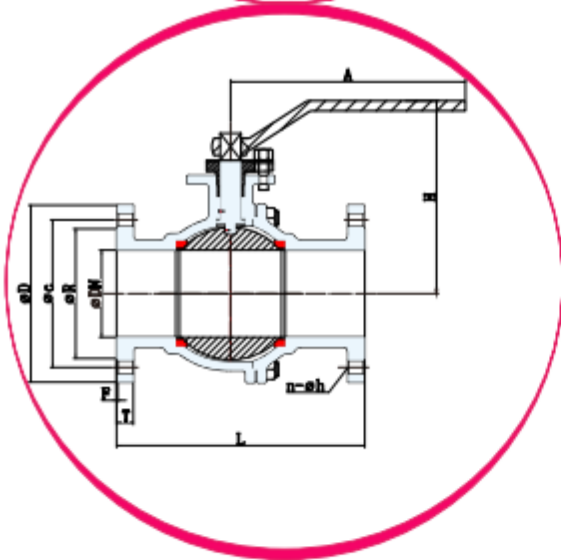


可气动式



可手柄式

MANUAL FLANGED BALL VALVE (CHEMICAL)



标准/STANDARD

制造标准: GB/CLASS/JIS

公称口径: 1/2"-12"

公称压力: PN16-100/10K-20K/150LB-600LB

适用温度: -29°C~180°C

通用介质: 水、油、气、酸碱类

Manufacturing standard: GB/CLASS/JIS

Nominal diameter: 1/2"-12"

Nominal pressure: PN16-100/10K-20K/150LB-600LB

Applicable temperature: -29°C~180°C

Applicable media: Water, Oil, Gas, AND SO ON

特点 Features

全口径 Full port, 1/2" ~ 12" (DN15 ~ DN300)

工作压力 W.P.: PN16-100/10K-20K/150LB-600LB

工作温度 W.T.: -29°C ~ 180°C

精密铸造 Investment casting

阀杆防爆出装置设计 Blow-out proof stem

防静电装置 (可选) Anti-static device (option)

带手柄 With handle

设计标准 Design: GB/T12237

法兰标准 Flange dimension: HG/20592

结构长度 Face to face: GB/T12221

检验&测试 Inspection & testing: GB/T 13927

材料表/MATERIAL LIST

序号	零件名称 PART	材质 MATERIALS		
1	阀体 BODY	WCB	CF8	CF8M
2	阀座 SEAT	PTFE/RPTFE		
3	球体 BALL	F304/F316		
4	O形圈 O-RING	EPDM	FKM	HNBR
5	垫片 GASKET	PTFE/RPTFE		
6	阀盖 BONNET	WCB	CF8	CF8M
7	螺栓 BOLT	F304		
8	螺母 NUT	F304		
9	阀杆 STEM	F304/F316		
10	阀杆垫圈 STEM WASHER	PTFE/RPTFE		
11	耐磨垫圈 WEAR WASHER	PTFE+25% GF/RPTFE+25%GF		
12	填料盖 GLAND	F304		
13	碟形弹簧 DISC SPRING	17-4/F304		
14	压盖法兰 GLAND FLANGE	CF8		
15	六角螺栓 HEX SOCKET BOLT	F304		
16	螺母 NUT	F304		
17	手柄 HANDLE	WCB/F304		

CLASS 150/JIS 10K/GB PN16

SIZE	d	H	A	L			R			C			D			T			f			n-Φh		
				Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16
1/2"	15	82	130	108	108	130	34.9	51	46	60.3	70	65	90	95	95	10.0	12	14	2	1	2	4-Φ15.9	4-Φ15	4-Φ14
3/4"	20	85	130	117	117	130	42.9	56	56	69.9	75	75	100	100	105	10.9	14	16	2	1	2	4-Φ15.9	4-Φ15	4-Φ14
1"	25	94	160	127	127	140	50.8	67	65	79.4	90	85	110	125	115	11.6	14	16	2	1	2	4-Φ15.9	4-Φ19	4-Φ14
1 1/4"	32	100	160	140	140	165	63.5	76	76	88.9	100	100	115	135	140	13.2	16	18	2	2	2	4-Φ15.9	4-Φ19	4-Φ18
1 1/2"	40	115	230	165	165	165	73.0	81	84	98.4	105	110	125	140	150	14.7	16	18	2	2	2	4-Φ15.9	4-Φ19	4-Φ18
2"	50	120	230	178	178	203	92.1	96	99	120.7	120	125	150	155	165	16.3	16	20	2	2	2	4-Φ19.1	4-Φ19	4-Φ18
2 1/2"	65	155	400	190	190	222	104.8	116	118	139.7	140	145	180	175	185	17.9	18	20	2	2	2	4-Φ19.1	4-Φ19	4-Φ18
3"	80	165	400	203	203	241	127.0	126	132	152.4	150	160	190	185	200	19.5	18	20	2	2	2	4-Φ19.1	8-Φ19	8-Φ18
4"	100	200	450	229	229	305	157.2	151	156	190.5	175	180	230	210	220	24.3	18	22	2	2	2	8-Φ19.1	8-Φ19	8-Φ18
5"	125	250	750	356	356	356	185.7	182	184	215.9	210	210	255	250	250	24.3	20	22	2	2	2	8-Φ22.3	8-Φ23	8-Φ18
6"	150	295	750	394	394	394	215.9	212	211	241.3	240	240	280	280	285	25.9	22	24	2	2	2	12-Φ22.3	8-Φ23	8-Φ22
8"	200	320	1000	457	457	457	269.9	262	266	298.5	290	295	345	330	340	29.0	22	24	2	2	2	12-Φ22.3	12-Φ23	12-Φ22

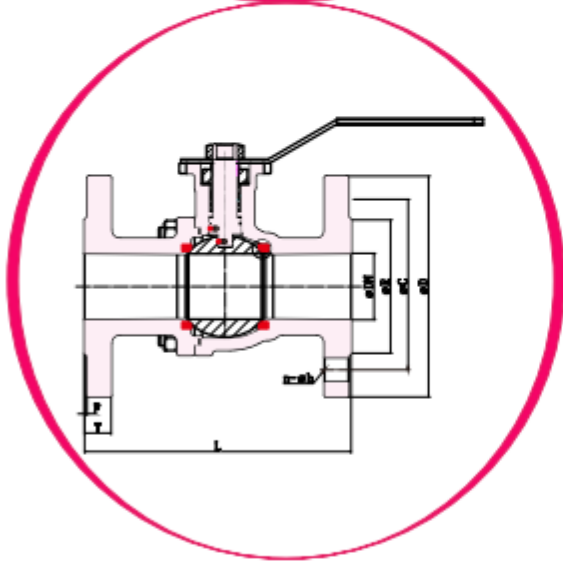
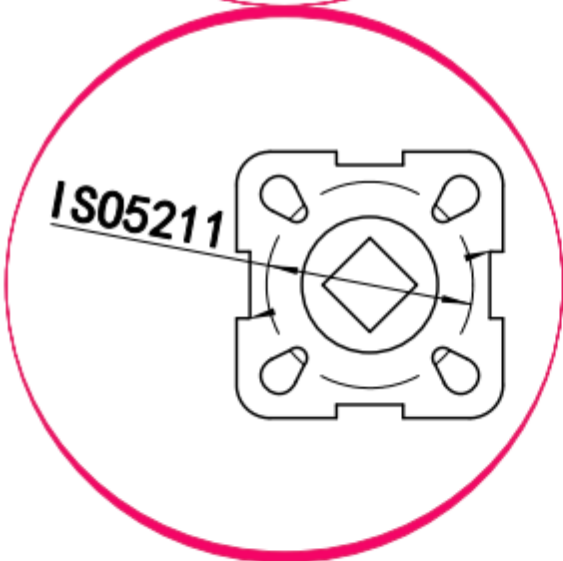
CLASS 300/JIS 20K/GB PN25-40

SIZE	d	H	A	L			R			C			D			T			f			n-Φh		
				Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40
1/2"	15	82	130	140	140	130	34.9	51	46	66.7	70	65	95	95	95	14.7	14	14	2	1	2	4-Φ 15.9	4-Φ15	4-Φ14
3/4"	20	85	130	152	152	150	42.9	56	56	82.6	75	75	115	100	105	16.3	16	16	2	1	2	4-Φ 19.1	4-Φ15	4-Φ14
1"	25	94	160	165	165	160	50.8	67	65	88.9	90	85	125	125	115	17.9	16	16	2	1	2	4-Φ 19.1	4-Φ19	4-Φ14
1 1/4"	32	100	160	178	178	180	63.5	76	76	98.4	100	100	135	135	140	19.5	18	18	2	2	2	4-Φ 19.1	4-Φ19	4-Φ18
1 1/2"	40	115	230	190	190	200	73.0	81	84	114.3	105	110	155	140	150	21.1	18	18	2	2	2	4-Φ 22.3	4-Φ19	4-Φ18
2"	50	120	230	216	216	230	92.1	96	99	127.0	120	125	165	155	165	22.7	18	20	2	2	2	8-Φ 19.1	8-Φ19	4-Φ18
2 1/2"	65	155	400	241	241	241	104.8	116	118	149.2	140	145	190	175	185	25.9	20	22	2	2	2	8-Φ 22.3	8-Φ19	8-Φ18
3"	80	165	400	282	282	283	127.0	132	132	168.3	160	160	210	200	200	29.0	22	24	2	2	2	8-Φ 22.3	8-Φ23	8-Φ18
4"	100	200	450	305	305	305	157.2	160	156	200.0	185	190	255	225	235	32.2	24	24	2	2	2	8-Φ 22.3	8-Φ23	8-Φ22
5"	125	250	750	381	381	381	185.7	195	184	235.0	225	220	280	270	270	35.4	26	26	2	2	2	8-Φ 22.3	8-Φ25	8-Φ26
6"	150	295	750	403	403	403	215.9	230	211	269.9	260	250	320	305	300	37.0	28	28	2	2	2	12-Φ22.3	12-Φ25	8-Φ26
8"	200	320	1000	502	502	502	269.9	275	284	330.2	305	320	380	350	375	41.7	30	34	2	2	2	12-Φ25.4	12-Φ25	12-Φ30

CLASS 600/GB PN63-100

SIZE	d	H	A	L			R		C			D			T			f		n-Φh		
				Class 600	PN 63	PN 100	Class 600	PN63-100	Class 600	PN 63	PN 100	Class 600	PN 63	PN 100	Class 600	PN 63	PN 100	Class 600	PN63-100	Class 600	PN 63	PN 100
1/2"	15	85	130	165	165	165	34.9	46	66.7	75	75	95	105	105	21.3	20	20	7	2	4-Φ15.9	4-Φ14	4-Φ14
3/4"	20	90	130	190	190	190	42.9	56	82.6	90	90	115	130	130	22.9	20	20	7	2	4-Φ19.1	4-Φ18	4-Φ18
1"	25	100	160	216	216	216	50.8	65	88.9	100	100	125	140	140	24.5	24	24	7	2	4-Φ19.1	4-Φ18	4-Φ18
1 1/4"	32	105	160	229	229	229	63.5	76	98.4	110	110	135	155	155	27.7	24	24	7	2	4-Φ19.1	4-Φ22	4-Φ22
1 1/2"	40	125	230	241	241	241	73.0	84	114.3	125	125	155	170	170	29.3	26	26	7	2	4-Φ22.3	4-Φ22	4-Φ22
2"	50	130	230	292	292	292	92.1	99	127.0	135	145	165	180	195	32.4	26	28	7	2	8-Φ19.1	4-Φ22	4-Φ26
2 1/2"	65	165	400	330	330	330	104.8	118	149.2	160	170	190	205	220	35.6	26	30	7	2	8-Φ22.3	8-Φ22	8-Φ26
3"	80	175	400	356	356	356	127.0	132	168.3	170	180	210	215	230	38.8	28	32	7	2	8-Φ22.3	8-Φ22	8-Φ26
4"	100	220	450	432	406	432	157.2	156	215.9	200	210	275	250	265	45.1	30	36	7	2	8-Φ25.4	8-Φ26	8-Φ30

DIN FLANGED BALL VALVE (CHEMICAL)



标准/STANDARD

制造标准: DIN
公称直径: 1/2"-10"
公称压力: PN16-40
适用温度: -29°C~180°C
通用介质: 水、油、气、酸碱类
Manufacturing standard: DIN
Nominal diameter: 1/2"-10"
Nominal pressure: PN16-40
Applicable temperature: -29°C~180°C
Applicable media: Water, Oil, Gas, AND SO ON

特点 Features

全通径 Full port, 1/2" ~ 10" (DN15 ~ DN250)
工作压力 W.P.: PN16/40
工作温度 W.T.: -29°C ~ 180°C
精密铸造 Investment casting
阀杆防爆出装置设计 Blow-out proof stem
防静电装置 (可选) Anti-static device (option)
带锁手柄 Locking device handle
ISO5211 直装高平台设计 ISO 5211 Direct mounting pad
自动化装置 (可选) Automation Device (option)
设计标准 Design: EN1983, EN12516-1
法兰标准 Flange dimension: DIN 2543 ~ 2545, EN1092-1 PN16/40
结构长度 Face to face: DIN3202 part1-F4 (DN15 ~ DN100), DIN3202 part1-F5 (DN125 ~ DN300)
检验&测试 Inspection & testing: DIN3230, EN12266-1

材料表/MATERIAL LIST

序号	零件名称 PART	材质 MATERIALS		
1	阀体 BODY	WCB	CF8	CF8M
2	阀座 SEAT	PTFE RPTFE		
3	球体 BALL	F304 F316		
4	O形圈 O-RING	EPDM	FKM	HNBR
5	垫片 GASKET	PTFE RPTFE		
6	阀盖 BONNET	WCB	CF8	CF8M
7	螺栓 BOLT	F304		
8	螺母 NUT	F304		
9	阀杆 STEM	F304 F316		
10	阀杆垫圈 STEM WASHER	PTFE RPTFE		
11	耐磨垫圈 WEAR WASHER	PTFE+25% GF RPTFE+25%GF		
12	填料盖 GLAND	F304		
13	碟形弹簧 DISC SPRING	17-4 F304		
14	压盖法兰 GLAND FLANGE	CF8		
15	六角螺栓 HEX SOCKET BOLT	F304		
16	螺母 NUT	F304		
17	手柄 HANDLE	WCB F304		

PN16-40

SIZE	DN	D	C	R	T	F	L±2	A	n-Φh	W	ISO 5211
1/2"	15	95	65	45	16	2	115	131	4-14	9	F03/F04
3/4"	20	105	75	58	18	2	120	131	4-14	9	F03/F04
1"	25	115	85	68	18	3	125	167	4-14	11	F04/F05
1¼"	32	140	100	78	18	3	130	167	4-18	11	F04/F05
1½"	40	150	110	88	18	3	140	193	4-18	14	F05/F07
2"	50	165	125	102	20	3	150	193	4-18	14	F05/F07
2½"	65	185	145	122	18	3	170	242	4-18	17	F07/F10
3"	80	200	160	138	20	3	180	272	8-18	17	F07/F10
4"	100	220	180	158	20	3	190	295	8-18	17	F07/F10
5"	125	250	210	188	23	3	330	530	8-18	24	F10/F12
6"	150	285	240	212	22	3	350	530	8-22	24	F10/F12
8"	200	340	295	266	24	3	400	625	12-22	27	F12/F14
10"	250	410	395	232	29.6	3	450	1040	12-26	34	F12/F14



可齿轮箱式



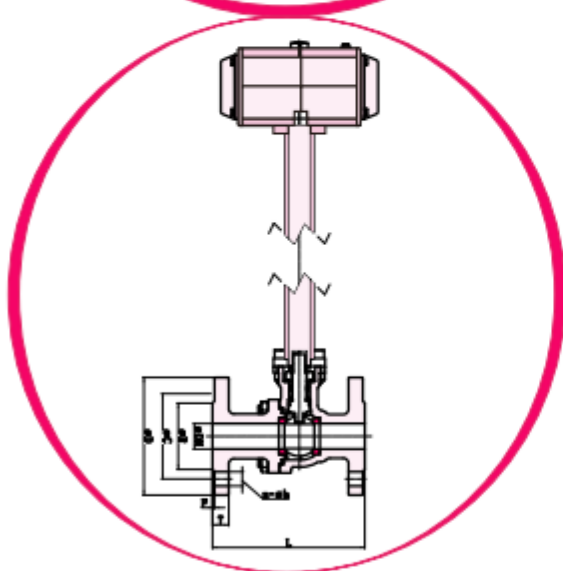
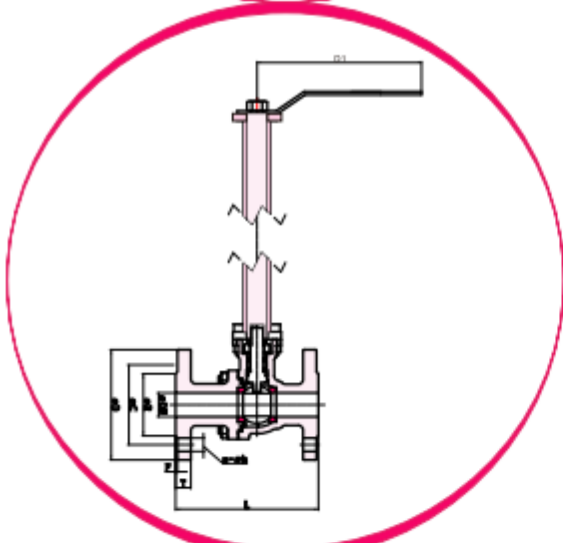
可电动式



可气动式



可手柄式



标准 / STANDARD

制造标准: CLASS/GB /JIS

公称口径: 1/2"-10"

公称压力: PN16-100/150LB -600LB/5K -20K

适用温度: -196°C~120°C

通用介质: 水、油、气、酸碱类

Manufacturing standard: CLASS/GB /JIS

Nominal diameter: 1/2"-10"

Nominal pressure: PN16-100/150LB -600LB/5K -20K

Applicable temperature: -196°C~120°C

Applicable media: Water, Oil, Gas, AND SO ON

特点 Features

全口径 Full port, 1/2" ~ 10" (DN15 ~ DN250)

工作压力 W.P.: PN16-100/150LB -600LB/5K -20K

工作温度 W.T.: -196°C~120°C

精密铸造 Investment casting

阀杆防爆出装置设计 Blow-out proof stem

防静电装置 (可选) Anti-static device (option)

带锁手柄 Locking device handle

ISO5211直装高平台设计 ISO 5211 Direct mounting pad

自动化装置 (可选) Automation Device (option)

材料表 / MATERIAL LIST

序号	零件名称 PART	材质 MATERIALS		
1	阀体 BODY	WCB	CF8	CF8M
2	阀座 SEAT	RPTFE	PCTFE	
3	球体 BALL	F304	F316	
4	O形圈 O-RING	EPDM	FKM	HNBR
5	垫片 GASKET	GPE	RPTFE	
6	阀盖 BONNET	WCB	CF8	CF8M
7	螺栓 BOLT	F304		
8	螺母 NUT	F304		
9	阀杆 STEM	F304/F316	17-4/PH/17-7PH/F304/F316	
10	阀杆垫圈 STEM WASHER	GPE	RPTFE	
11	耐磨垫圈 WEAR WASHER	PTFE+25% GF	RPTFE+25%GF	
12	填料盖 GLAND	F304		
13	碟形弹簧 DISC SPRING	17-4PH/17-7PH/F304/F316		
14	压盖法兰 GLAND FLANGE	CF8		
15	六角螺栓 HEX SOCKET BOLT	F304		
16	螺母 NUT	F304		
17	手柄 HANDLE	WCB	F304	

CLASS 150/JIS10K/GB PN16

SIZE	d	H	D1	L			R			C			D			T			f			n-Øh			W	ISO 5211
				Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16		
1/2"	15	82	130	108	108	130	34.9	51	46	60.3	70	65	90	95	95	10.0	12	14	2	1	2	4-Ø15.9	4-Ø15	4-Ø14	9	F03/F04
3/4"	20	85	130	117	117	130	42.9	56	56	69.9	75	75	100	100	105	10.9	14	16	2	1	2	4-Ø15.9	4-Ø15	4-Ø14	9	F03/F04
1"	25	94	160	127	127	140	50.8	67	65	79.4	90	85	110	125	115	11.6	14	16	2	1	2	4-Ø15.9	4-Ø19	4-Ø14	11	F04/F05
1 1/4"	32	100	160	140	140	165	63.5	76	76	88.9	100	100	115	135	140	13.2	16	18	2	2	2	4-Ø15.9	4-Ø19	4-Ø18	11	F04/F05
1 1/2"	40	115	230	165	165	165	73.0	81	84	98.4	105	110	125	140	150	14.7	16	18	2	2	2	4-Ø15.9	4-Ø19	4-Ø18	14	F05/F07
2"	50	120	230	178	178	203	92.1	96	99	120.7	120	125	150	155	165	16.3	16	20	2	2	2	4-Ø19.1	4-Ø19	4-Ø18	14	F05/F07
2 1/2"	65	155	400	190	190	222	104.8	116	118	139.7	140	145	180	175	185	17.9	18	20	2	2	2	4-Ø19.1	4-Ø19	4-Ø18	17	F07/F10
3"	80	165	400	203	203	241	127.0	126	132	152.4	150	160	190	185	200	19.5	18	20	2	2	2	4-Ø19.1	8-Ø19	8-Ø18	17	F07/F10
4"	100	200	450	229	229	305	157.2	151	156	190.5	175	180	230	210	220	24.3	18	22	2	2	2	8-Ø19.1	8-Ø19	8-Ø18	22	F10
5"	125	250	750	356	356	356	185.7	182	184	215.9	210	210	255	250	250	24.3	20	22	2	2	2	8-Ø22.3	8-Ø23	8-Ø18	22	F10
6"	150	295	750	394	394	394	215.9	212	211	241.3	240	240	280	280	285	25.9	22	24	2	2	2	8-Ø22.3	8-Ø23	8-Ø22	27	F10/F12
8"	200	320	1000	457	457	457	269.9	262	266	298.5	290	295	345	330	340	29.0	22	24	2	2	2	8-Ø22.3	12-Ø23	12-Ø22	36	F14

CLASS 300/JIS10K/GB PN25-40

SIZE	d	H	D1	L			R			C			D			T			f			n-Øh			W		ISO5211	
				Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	PN25-40	Class 300	PN25-40
1/2"	15	82	130	140	140	130	34.9	51	46	66.7	70	65	95	95	95	14.7	14	14	2	1	2	4-Ø15.9	4-Ø15	4-Ø14	9	9	F03/F04	F03/F04
3/4"	20	85	130	152	152	140	42.9	56	56	82.6	75	75	115	100	105	16.3	16	16	2	1	2	4-Ø19.1	4-Ø15	4-Ø14	9	9	F03/F04	F03/F04
1"	25	94	160	165	165	150	50.8	67	65	88.9	90	85	125	125	115	17.9	16	16	2	1	2	4-Ø19.1	4-Ø19	4-Ø14	11	11	F04/F05	F04/F05
1 1/4"	32	100	160	178	178	165	63.5	76	76	98.4	100	100	135	135	140	19.5	18	18	2	2	2	4-Ø19.1	4-Ø19	4-Ø18	11	11	F04/F05	F04/F05
1 1/2"	40	115	230	190	190	180	73.0	81	84	114.3	105	110	155	140	150	21.1	18	18	2	2	2	4-Ø22.3	4-Ø19	4-Ø18	14	14	F05/F07	F05/F07
2"	50	120	230	216	216	200	92.1	96	99	127.0	120	125	165	155	165	22.7	18	20	2	2	2	8-Ø19.1	8-Ø19	4-Ø18	14	14	F05/F07	F05/F07
2 1/2"	65	155	400	241	241	220	104.8	116	118	149.2	140	145	190	175	185	25.9	20	22	2	2	2	8-Ø22.3	8-Ø19	8-Ø18	17	22	F07/F10	F10
3"	80	165	400	282	282	250	127.0	132	132	168.3	160	160	210	200	200	29.0	22	24	2	2	2	8-Ø22.3	8-Ø23	8-Ø18	22	22	F10	F10
4"	100	200	450	305	305	285	157.2	160	156	200.0	185	190	255	225	235	32.2	24	24	2	2	2	8-Ø22.3	8-Ø23	8-Ø22	22	22	F10	F10
5"	125	250	750	381	381	330	185.7	195	184	235.0	225	220	280	270	270	35.4	26	26	2	2	2	8-Ø22.3	8-Ø25	8-Ø26	27	27	F10/F12	F10/F12
6"	150	295	750	403	403	360	215.9	230	211	269.9	260	250	320	305	300	37.0	28	28	2	2	2	12-Ø22.3	12-Ø25	8-Ø26	27	27	F10/F12	F10/F12
8"	200	320	1000	502	502	400	269.9	275	284	330.2	305	320	380	350	375	41.7	30	34	2	2	2	12-Ø25.4	12-Ø25	12-Ø30	36	36	F14	F14

Class600/GB PN63-100

SIZE	d	H	D1	L			R		C			D			T			f		n-Øh			W	ISO 5211	
				Class 600	PN 63	PN 100	Class 600	PN63-100	Class 600	PN 63	PN 100	Class 600	PN 63	PN 100	Class 600	PN 63	PN 100	Class 600	PN 63	PN 100	Class 600	PN63-100			Class 600
1/2"	15	85	130	165	165	165	34.9	46	66.7	75	75	95	105	105	21.3	20	20	7	2	2	4-Ø15.9	4-Ø14	4-Ø14	11	F04/F05
3/4"	20	90	130	190	190	190	42.9	56	82.6	90	90	115	130	130	22.9	20	20	7	2	2	4-Ø19.1	4-Ø18	4-Ø18	11	F04/F05
1"	25	100	160	216	216	216	50.8	65	88.9	100	100	125	140	140	24.5	24	24	7	2	2	4-Ø19.1	4-Ø18	4-Ø18	14	F05/F07
1 1/4"	32	105	160	229	229	229	63.5	76	98.4	110	110	135	155	155	27.7	24	24	7	2	2	4-Ø19.1	4-Ø22	4-Ø22	14	F05/F07
1 1/2"	40	125	230	241	241	241	73.0	84	114.3	125	125	155	170	170	29.3	26	26	7	2	2	4-Ø22.3	4-Ø22	4-Ø22	17	F07/F10
2"	50	130	230	292	292	292	92.1	99	127.0	135	145	165	180	195	32.4	26	28	7	2	2	8-Ø19.1	4-Ø22	4-Ø26	17	F07/F10
2 1/2"	65	165	400	330	330	330	104.8	118	149.2	160	170	190	205	220	35.6	26	30	7	2	2	8-Ø22.3	8-Ø22	8-Ø26	22	F10/F12
3"	80	175	400	356	356	356	127.0	132	168.3	170	180	210	215	230	38.8	28	32	7	2	2	8-Ø22.3	8-Ø22	8-Ø26	22	F10/F12
4"	100	220	450	432	406	432	157.2	156	215.9	200	210	275	250	265	45.1	30	36	7	2	2	8-Ø25.4	8-Ø26	8-Ø30	27	F12/F14



可齿轮箱式



可电动式

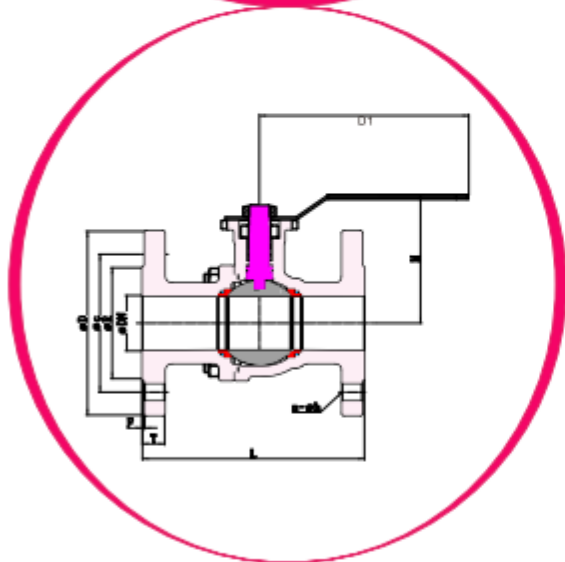
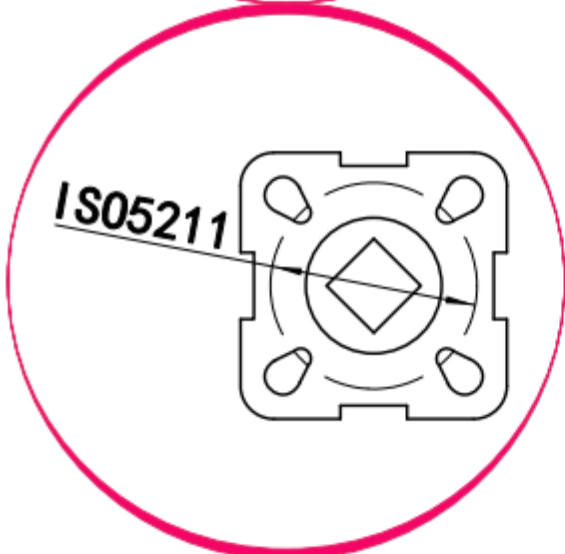


可气动式



可手柄式

HARD SEAL FLANGED BALL VALVE (CHEMICAL)



标准 / STANDARD

制造标准: CLASS/GB /JIS
公称口径: 1/2"-10"
公称压力: PN16-100/150LB -600LB/5K -20K
适用温度: - 80°C~425°C
通用介质: 水、油、气、酸碱类
Manufacturing standard: CLASS/GB /JIS
Nominal diameter: 1/2"-10"
Nominal pressure: PN16-100/150LB -600LB/5K -20K
Applicable temperature: - 80°C~425°C
Applicable media: Water, Oil, Gas, and So On

特点 Features

全口径 Full port, 1/2" ~ 10" (DN15 ~ DN250)
工作压力 W.P.: PN16-100/150LB -600LB/5K -20K
工作温度 W.T.: - 80°C~425°C
精密铸造 Investment casting
阀杆防爆出装置设计 Blow-out proof stem
防静电装置 (可选) Anti-static device (option)
带锁手柄 Locking device handle
ISO5211直装高平台设计 ISO 5211 Direct mounting pad
自动化装置 (可选) Automation Device (option)

材料表 / MATERIAL LIST

序号	零件名称 PART	材质 MATERIALS		
1	阀体 BODY	WCB	CF8	CF8M
2	阀座 SEAT	F304+NI55/F316+NI55/STL/WC		
3	球体 BALL	F304/F316+NI60/STL/WC		
4	O形圈 O-RING	EPDM	FKM	HNBR
5	垫片 GASKET	GPE/RPTFE		
6	阀盖 BONNET	WCB	CF8	CF8M
7	螺栓 BOLT	F304		
8	螺母 NUT	F304		
9	阀杆 STEM	F304/F316/17-4/FXM-19		
10	阀杆垫圈 STEM WASHER	GPE/RPTFE		
11	耐磨垫圈 WEAR WASHER	PTFE+25% GF/RPTFE+25%GF		
12	填料盖 GLAND	F304		
13	碟形弹簧 DISC SPRING	17-4PH/17-7PH/F304/F316		
14	压盖法兰 GLAND FLANGE	CF8		
15	六角螺栓 HEX SOCKET BOLT	F304		
16	螺母 NUT	F304		
17	手柄 HANDLE	WCB/F304		

CLASS 150/JIS10K/GB PN16

SIZE	d	H	D1	L			R			C			D			T			f			n-Φh			W	ISO 5211
				Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16		
1/2"	15	82	130	108	108	130	34.9	51	46	60.3	70	65	90	95	95	10.0	12	14	2	1	2	4-Φ15.9	4-Φ15	4-Φ14	9	F03/F04
3/4"	20	85	130	117	117	130	42.9	56	56	69.9	75	75	100	100	105	10.9	14	16	2	1	2	4-Φ15.9	4-Φ15	4-Φ14	9	F03/F04
1"	25	94	160	127	127	140	50.8	67	65	79.4	90	85	110	125	115	11.6	14	16	2	1	2	4-Φ15.9	4-Φ19	4-Φ14	11	F04/F05
1 1/4"	32	100	160	140	140	165	63.5	76	76	88.9	100	100	115	135	140	13.2	16	18	2	2	2	4-Φ15.9	4-Φ19	4-Φ18	11	F04/F05
1 1/2"	40	115	230	165	165	165	73.0	81	84	98.4	105	110	125	140	150	14.7	16	18	2	2	2	4-Φ15.9	4-Φ19	4-Φ18	14	F05/F07
2"	50	120	230	178	178	203	92.1	96	99	120.7	120	125	150	155	165	16.3	16	20	2	2	2	4-Φ19.1	4-Φ19	4-Φ18	14	F05/F07
2 1/2"	65	155	400	190	190	222	104.8	116	118	139.7	140	145	180	175	185	17.9	18	20	2	2	2	4-Φ19.1	4-Φ19	4-Φ18	17	F07/F10
3"	80	165	400	203	203	241	127.0	126	132	152.4	150	160	190	185	200	19.5	18	20	2	2	2	4-Φ19.1	8-Φ19	8-Φ18	17	F07/F10
4"	100	200	450	229	229	305	157.2	151	156	190.5	175	180	230	210	220	24.3	18	22	2	2	2	8-Φ19.1	8-Φ19	8-Φ18	22	F10
5"	125	250	750	356	356	356	185.7	182	184	215.9	210	210	255	250	250	24.3	20	22	2	2	2	8-Φ22.3	8-Φ23	8-Φ18	22	F10
6"	150	295	750	394	394	394	215.9	212	211	241.3	240	240	280	280	285	25.9	22	24	2	2	2	8-Φ22.3	8-Φ23	8-Φ22	27	F10/F12
8"	200	320	1000	457	457	457	269.9	262	266	298.5	290	295	345	330	340	29.0	22	24	2	2	2	8-Φ22.3	12-Φ23	12-Φ22	36	F14

CLASS 300/JIS10K/GB PN25-40

SIZE	d	H	D1	L			R			C			D			T			f			n-Φh			W		ISO5211	
				Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	PN25-40	Class 300	PN25-40
1/2"	15	82	130	140	140	130	34.9	51	46	66.7	70	65	95	95	95	14.7	14	14	2	1	2	4-Φ15.9	4-Φ15	4-Φ14	9	9	F03/F04	F03/F04
3/4"	20	85	130	152	152	140	42.9	56	56	82.6	75	75	115	100	105	16.3	16	16	2	1	2	4-Φ19.1	4-Φ15	4-Φ14	9	9	F03/F04	F03/F04
1"	25	94	160	165	165	150	50.8	67	65	88.9	90	85	125	125	115	17.9	16	16	2	1	2	4-Φ19.1	4-Φ19	4-Φ14	11	11	F04/F05	F04/F05
1 1/4"	32	100	160	178	178	165	63.5	76	76	98.4	100	100	135	135	140	19.5	18	18	2	2	2	4-Φ19.1	4-Φ19	4-Φ18	11	11	F04/F05	F04/F05
1 1/2"	40	115	230	190	190	180	73.0	81	84	114.3	105	110	155	140	150	21.1	18	18	2	2	2	4-Φ22.3	4-Φ19	4-Φ18	14	14	F05/F07	F05/F07
2"	50	120	230	216	216	200	92.1	96	99	127.0	120	125	165	155	165	22.7	18	20	2	2	2	8-Φ19.1	8-Φ19	4-Φ18	14	14	F05/F07	F05/F07
2 1/2"	65	155	400	241	241	220	104.8	116	118	149.2	140	145	190	175	185	25.9	20	22	2	2	2	8-Φ22.3	8-Φ19	8-Φ18	17	22	F07/F10	F10
3"	80	165	400	282	282	250	127.0	132	132	168.3	160	160	210	200	200	29.0	22	24	2	2	2	8-Φ22.3	8-Φ23	8-Φ18	22	22	F10	F10
4"	100	200	450	305	305	285	157.2	160	156	200.0	185	190	255	225	235	32.2	24	24	2	2	2	8-Φ22.3	8-Φ23	8-Φ22	22	22	F10	F10
5"	125	250	750	381	381	330	185.7	195	184	235.0	225	220	280	270	270	35.4	26	26	2	2	2	8-Φ22.3	8-Φ25	8-Φ26	27	27	F10/F12	F10/F12
6"	150	295	750	403	403	360	215.9	230	211	269.9	260	250	320	305	300	37.0	28	28	2	2	2	12-Φ22.3	12-Φ25	8-Φ26	27	27	F10/F12	F10/F12
8"	200	320	1000	502	502	400	269.9	275	284	330.2	305	320	380	350	375	41.7	30	34	2	2	2	12-Φ25.4	12-Φ25	12-Φ30	36	36	F14	F14

Class600/GB PN63-100

SIZE	d	H	D1	L			R			C			D			T			f		n-Φh			W	ISO 5211
				Class 600	PN 63	PN 100	Class 600	PN63-100	Class 600	PN 63	PN 100	Class 600	PN 63	PN 100	Class 600	PN 63	PN 100	Class 600	PN 63	PN 100	Class 600	PN63-100	Class 600		
1/2"	15	85	130	165	165	165	34.9	46	66.7	75	75	95	105	105	21.3	20	20	7	2	4-Φ15.9	4-Φ14	4-Φ14	11	F04/F05	
3/4"	20	90	130	190	190	190	42.9	56	82.6	90	90	115	130	130	22.9	20	20	7	2	4-Φ19.1	4-Φ18	4-Φ18	11	F04/F05	
1"	25	100	160	216	216	216	50.8	65	88.9	100	100	125	140	140	24.5	24	24	7	2	4-Φ19.1	4-Φ18	4-Φ18	14	F05/F07	
1 1/4"	32	105	160	229	229	229	63.5	76	98.4	110	110	135	155	155	27.7	24	24	7	2	4-Φ19.1	4-Φ22	4-Φ22	14	F05/F07	
1 1/2"	40	125	230	241	241	241	73.0	84	114.3	125	125	155	170	170	29.3	26	26	7	2	4-Φ22.3	4-Φ22	4-Φ22	17	F07/F10	
2"	50	130	230	292	292	292	92.1	99	127.0	135	145	165	180	195	32.4	26	28	7	2	8-Φ19.1	4-Φ22	4-Φ26	17	F07/F10	
2 1/2"	65	165	400	330	330	330	104.8	118	149.2	160	170	190	205	220	35.6	26	30	7	2	8-Φ22.3	8-Φ22	8-Φ26	22	F10/F12	
3"	80	175	400	356	356	356	127.0	132	168.3	170	180	210	215	230	38.8	28	32	7	2	8-Φ22.3	8-Φ22	8-Φ26	22	F10/F12	
4"	100	220	450	432	406	432	157.2	156	215.9	200	210	275	250	265	45.1	30	36	7	2	8-Φ25.4	8-Φ26	8-Φ30	27	F12/F14	



可齿轮箱式



可电动式

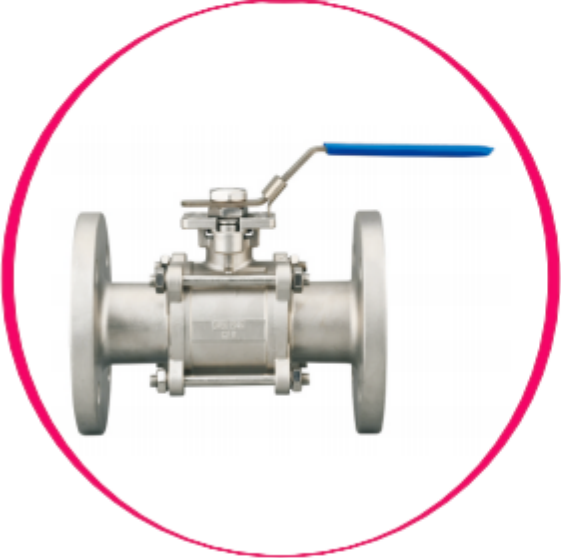
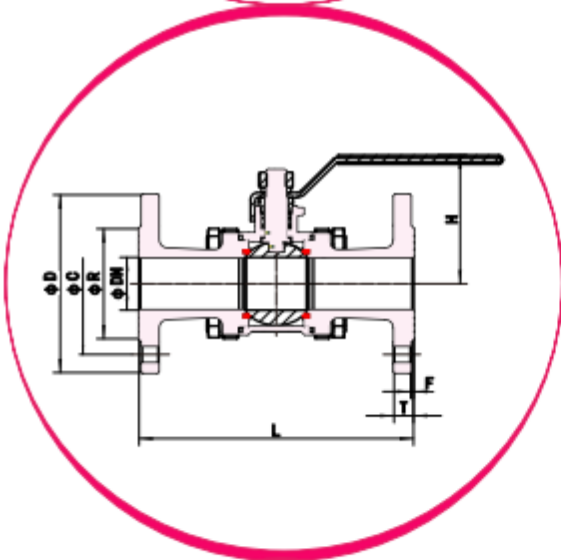


可气动式



可手柄式

THREE-PIECE FLANGED BALL VALVE (FOOD & PHARMA)



标准/STANDARDS

制造标准: CLASS/GB /DIN

公称口径: 1/2"-6"

公称压力: PN16-40/150LB -300LB

适用温度: -29°C~180°C

通用介质: 水、油、气、酸碱类

Manufacturing standard: DIN/CLASS

Nominal diameter: 1/2"-10"

Nominal pressure: PN16-40/150LB -300LB

Applicable temperature: -29°C~180°C

Applicable media: Water, Oil, Gas, and So On

特点 Features

全通径 Full port, 1/2" ~ 6" (DN15 ~ DN150)

工作压力 W.P.: PN16-40/150LB -300LB

工作温度 W.T.: -29°C ~ 180°C

精密铸造 Investment casting

阀杆防爆出装置设计 Blow-out proof stem

防静电装置 (可选) Anti-static device (option)

带锁手柄 Locking device handle

ISO5211直装高平台设计 ISO 5211 Direct mounting pad

自动化装置 (可选) Automation Device (option)

材料表/MATERIAL LIST

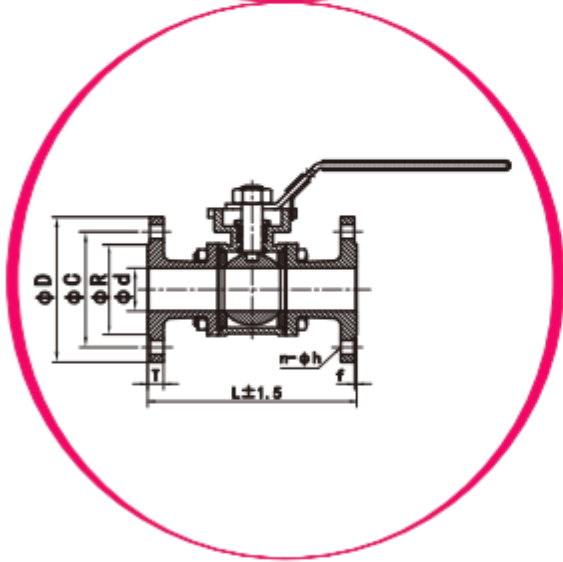
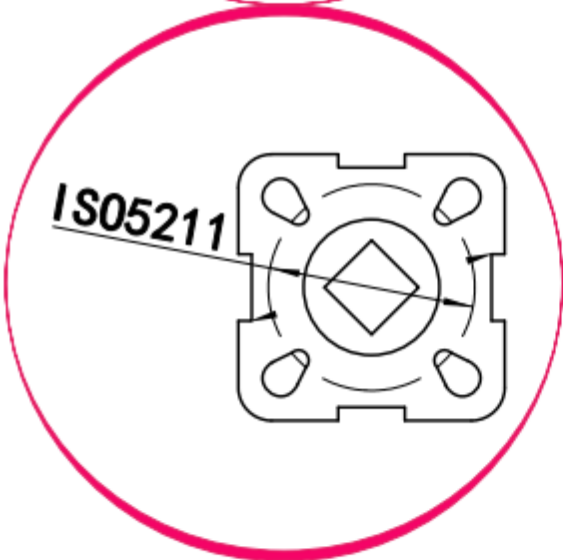
序号	零件名称 PART	材质 MATERIALS		
1	阀体 BODY	WCB	CF8	CF8M
2	阀座 SEAT		PTFE	RPTFE
3	球体 BALL		F304	F316
4	O形圈 O-RING	EPDM	FKM	HNBR
5	垫片 GASKET		PTFE	RPTFE
6	阀盖 BONNET	WCB	CF8	CF8M
7	螺栓 BOLT		F304	
8	螺母 NUTX		F304	
9	阀杆 STEM		F304	F316
10	阀杆垫圈 STEM WASHER		PTFE	RPTFE
11	耐磨垫圈 WEAR WASHER		PTFE+25% GF	RPTFE+25%GF
12	填料盖 GLAND		F304	
13	碟形弹簧 DISC SPRING		17-4	F304
14	压盖法兰 GLAND FLANGE		CF8	
15	六角螺栓 HEX SOCKET BOLT		F304	
16	螺母 NUT		F304	
17	手柄 HANDLE	WCB	F304	

CLASS 150/GB PN16

SIZE	d	L		R		C		D		T		f	n-Φh	
		Class 150	PN 16	Class 150	PN 16	Class 150	PN 16	Class 150	PN 16	Class 150	PN 16		Class 150	PN 16
1/2"	15	108	130	34.9	46	60.3	65	90	95	10.0	14	2	4-Φ15.9	4-Φ14
3/4"	20	117	130	42.9	56	69.9	75	100	105	10.9	16	2	4-Φ15.9	4-Φ14
1"	25	127	140	50.8	65	79.4	85	110	115	11.6	16	2	4-Φ15.9	4-Φ14
1¼"	32	140	165	63.5	76	88.9	100	115	140	13.2	18	2	4-Φ15.9	4-Φ18
1½"	40	165	165	73.0	84	98.4	110	125	150	14.7	18	2	4-Φ15.9	4-Φ18
2"	50	178	203	92.1	99	120.7	125	150	165	16.3	20	2	4-Φ19.1	4-Φ18
2½"	65	190	222	104.8	118	139.7	145	180	185	17.9	20	2	4-Φ19.1	4-Φ18
3"	80	203	241	127.0	132	152.4	160	190	200	19.5	20	2	4-Φ19.1	8-Φ18
4"	100	229	305	157.2	156	190.5	180	230	220	24.3	22	2	8-Φ19.1	8-Φ18

CLASS 300/GB PN25-40

SIZE	d	L		R		C		D		T		f	n-Φh	
		Class 300	PN25-40	Class 300	PN25-40	Class 300	PN25-40	Class 300	PN25-40	Class 300	PN25-40		Class 300	PN25-40
½"	15	140	130	34.9	46	66.7	65	95	95	14.7	16	2	4-Φ15.9	4-Φ14
3/4"	20	152	150	42.9	56	82.6	75	115	105	16.3	18	2	4-Φ19.1	4-Φ14
1"	25	165	160	50.8	65	88.9	85	125	115	17.9	18	2	4-Φ19.1	4-Φ14
1¼"	32	178	180	63.5	76	98.4	100	135	140	19.5	18	2	4-Φ19.1	4-Φ18
1½"	40	190	200	73.0	84	114.3	110	155	150	21.1	18	2	4-Φ22.3	4-Φ18
2"	50	216	230	92.1	99	127.0	125	165	165	22.7	18	2	8-Φ19.1	4-Φ18
2½"	65	241	290	104.8	118	149.2	145	190	185	25.9	18	2	8-Φ22.3	4-Φ18
3"	80	282	310	127.0	132	168.3	160	210	200	29.0	21	2	8-Φ22.3	8-Φ18
4"	100	305	350	157.2	156	200.0	190	255	235	32.2	24	2	8-Φ22.3	8-Φ18



标准/STANDARD

制造标准: CLASS/GB /DIN

公称口径: 1/2"-6"

公称压力: PN16-40/150LB -300LB

适用温度: -29°C~180°C

通用介质: 水、油、气、酸碱类

Manufacturing standard: CLASS/GB /DIN

Nominal diameter: 1/2"-6"

Nominal pressure: PN16-40/150LB -300LB

Applicable temperature: -29°C~180°C

Applicable media: Water, Oil, Gas, and So On

特点 Features

全口径 Full port, 1/2" ~ 6" (DN15 ~ DN150)

工作压力 W.P.: PN16-40/150LB -300LB

工作温度 W.T.: -29°C ~ 180°C

精密铸造 Investment casting

阀杆防爆出装置设计 Blow-out proof stem

防静电装置 (可选) Anti-static device (option)

带锁手柄 Locking device handle

ISO5211直装高平台设计 ISO 5211 Direct mounting pad

自动化装置 (可选) Automation Device (option)

材料表/MATERIAL LIST

序号	零件名称 PART	材质 MATERIALS		
1	阀体 BODY	WCB	CF8	CF8M
2	阀座 SEAT	PTFE	RPTFE	
3	球体 BALL	F304	F316	
4	O形圈 O-RING	EPDM	FKM	HNBR
5	垫片 GASKET	PTFE	RPTFE	
6	阀盖 BONNET	WCB	CF8	CF8M
7	螺栓 BOLT		F304	
8	螺母 NUT		F304	
9	阀杆 STEM	F304	F316	
10	阀杆垫圈 STEM WASHER	PTFE	RPTFE	
11	耐磨垫圈 WEAR WASHER	PTFE+25% GF	RPTFE+25%GF	
12	填料盖 GLAND	F304		
13	碟形弹簧 DISC SPRING	17-4	F304	
14	压盖法兰 GLAND FLANGE	CF8		
15	六角螺栓 HEX SOCKET BOLT	F304		
16	螺母 NUT	F304		
17	手柄 HANDLE	WCB	F304	

CLASS 150/GB PN16

SIZE	d	L		R		C		D		T		f	n-Φh		W	ISO 5211
		Class 150	PN 16	Class 150	PN 16	Class 150	PN 16	Class 150	PN 16	Class 150	PN 16		Class 150	PN 16		
1/2"	15	108	130	34.9	46	60.3	65	90	95	10.0	14	2	4-Φ15.9	4-Φ14	9	F03/F04
3/4"	20	117	130	42.9	56	69.9	75	100	105	10.9	16	2	4-Φ15.9	4-Φ14	9	F03/F04
1"	25	127	140	50.8	65	79.4	85	110	115	11.6	16	2	4-Φ15.9	4-Φ14	11	F04/F05
1¼"	32	140	165	63.5	76	88.9	100	115	140	13.2	18	2	4-Φ15.9	4-Φ18	11	F04/F05
1½"	40	165	165	73.0	84	98.4	110	125	150	14.7	18	2	4-Φ15.9	4-Φ18	14	F05
2"	50	178	203	92.1	99	120.7	125	150	165	16.3	20	2	4-Φ19.1	4-Φ18	14	F05
2½"	65	190	222	104.8	118	139.7	145	180	185	17.9	20	2	4-Φ19.1	4-Φ18	17	F07/F10
3"	80	203	241	127.0	132	152.4	160	190	200	19.5	20	2	4-Φ19.1	8-Φ18	17	F07/F10
4"	100	229	305	157.2	156	190.5	180	230	220	24.3	22	2	8-Φ19.1	8-Φ18	22	F10

CLASS 300/GB PN25-40

SIZE	d	L		R		C		D		T		f	n-Φh		W	ISO 5211
		Class 300	PN25-40	Class 300	PN25-40	Class 300	PN25-40	Class 300	PN25-40	Class 300	PN25-40		Class 300	PN25-40		
½"	15	140	130	34.9	46	66.7	65	95	95	14.7	16	2	4-Φ15.9	4-Φ14	9	F03/F04
3/4"	20	152	150	42.9	56	82.6	75	115	105	16.3	18	2	4-Φ19.1	4-Φ14	9	F03/F04
1"	25	165	160	50.8	65	88.9	85	125	115	17.9	18	2	4-Φ19.1	4-Φ14	11	F04/F05
1¼"	32	178	180	63.5	76	98.4	100	135	140	19.5	18	2	4-Φ19.1	4-Φ18	11	F04/F05
1½"	40	190	200	73.0	84	114.3	110	155	150	21.1	18	2	4-Φ22.3	4-Φ18	14	F05
2"	50	216	230	92.1	99	127.0	125	165	165	22.7	18	2	8-Φ19.1	4-Φ18	14	F05/F07
2½"	65	241	290	104.8	118	149.2	145	190	185	25.9	18	2	8-Φ22.3	4-Φ18	17	F05/F07
3"	80	282	310	127.0	132	168.3	160	210	200	29.0	21	2	8-Φ22.3	8-Φ18	17	F07/F10
4"	100	305	350	157.2	156	200.0	190	255	235	32.2	24	2	8-Φ22.3	8-Φ18	17	F07/F10
5"	125	/	325	/	188	/	210	/	250	/	22	2	/	8-Φ18	22	F10/F12
6"	150	/	350	/	212	/	250	/	300	/	28	2	/	8-Φ24	22	10/F12



可齿轮箱式



可电动式

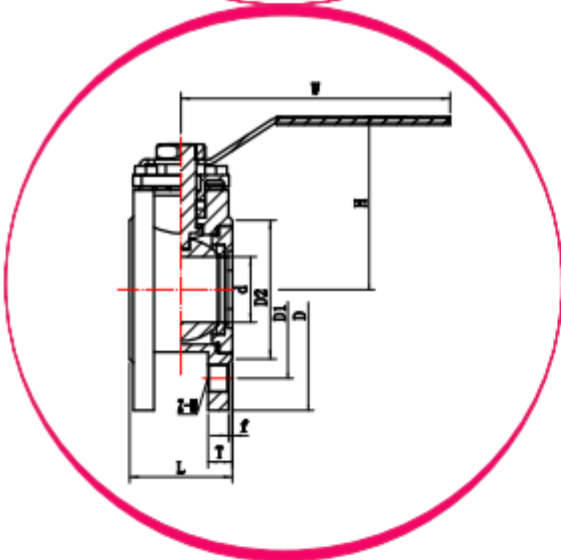


可气动式



可手柄式

THIN WAFER FLANGED BALL VALVE (CHEMICAL)



标准/STANDARD

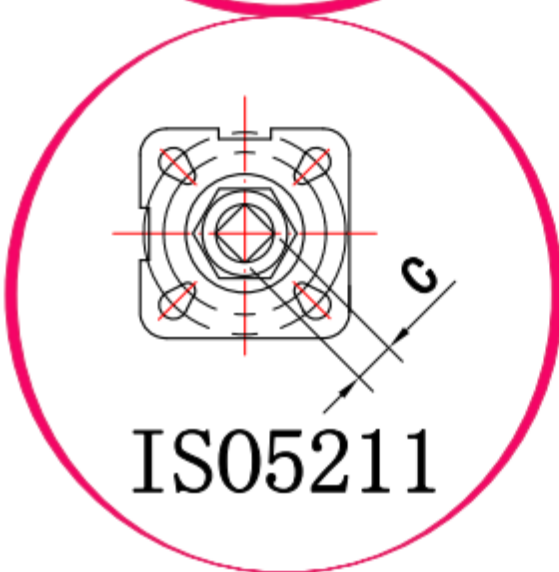
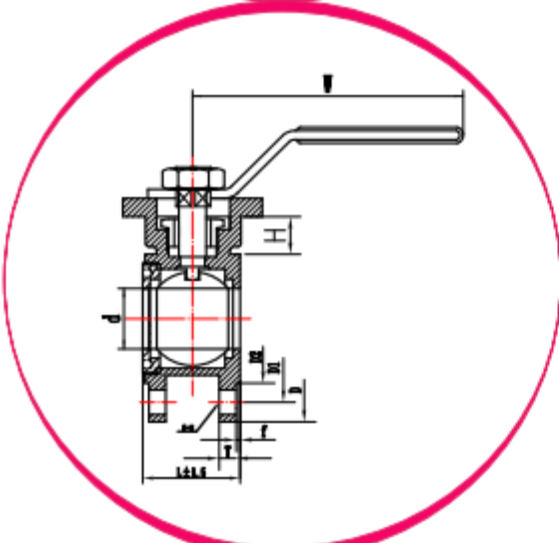
制造标准: GB
 公称通径: 1/2"-4"
 公称压力: PN16-40
 适用温度: -29°C~230°C
 通用介质: 水、油、气、酸碱类
 Manufacturing standard: GB
 Nominal diameter: 1/2"-4"
 Nominal pressure: PN16-40
 Applicable temperature: -29°C~230°C
 Applicable media: Water, Oil, Gas, and So On

材料表/MATERIAL LIST

序号	零件名称 PART	材质 MATERIALS
1	阀体 BODY	WCB CF8 CF8M
2	阀盖 CAP	WCB CF8 CF8M
3	阀座 SEAT	PTFE RPTFE
4	球体 BALL	304 316
5	阀杆垫圈 STEM WASHER	PTFE RPTFE
6	填料 PACAING	PTFE RPTFE
7	阀杆 STEM	304 316
8	压盖 GLAND	304 316
9	螺钉 SCREW	304 316
10	手柄 HANDLE	201 304
11	手柄套 HANDLE COVER	PVC
12	锁 LOCK	201 304

SIZE	DN	d	D	D1	D2	T	f	L±1.5	W	Z-M
1/2"	15	15	95	65	48	15	2	38	128.5	4-M12
3/4"	20	20	105	75	59	16	2	40.5	128.5	4-M12
1"	25	25	115	85	68	16	2	42	146	4-M12
1 1/4"	32	32	140	100	78	17	2	54.5	169	4-M16
1 1/2"	40	38	152	110	88	17	2	63	197.5	4-M16
2"	50	49	165	125	102	19	2	81.5	197.5	4-M16
2 1/2"	65	64	185	145	126	19	2	93	217	4-M16
3"	80	80	200	160	138	20	3	116	217	8-M16
4"	100	95	220	180	155	20	3	151.5	297	8-M16

THIN WAFER FLANGED BALL VALVE (CHEMICAL)



标准/STANDARDS

- 制造标准: GB
- 公称通径: 1/2"-8"
- 公称压力: PN16-40
- 适用温度: -29°C~230°C
- 通用介质: 水、油、气、酸碱类
- Manufacturing standard: GB
- Nominal diameter: 1/2"-8"
- Nominal Pressure: PN16-40
- Applicable temperature: -29°C~230°C
- Applicable media: Water, Oil, Gas, and So On

材料表/MATERIAL LIST

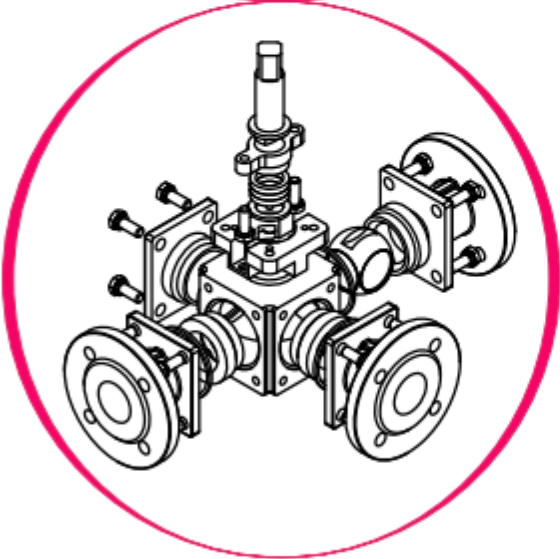
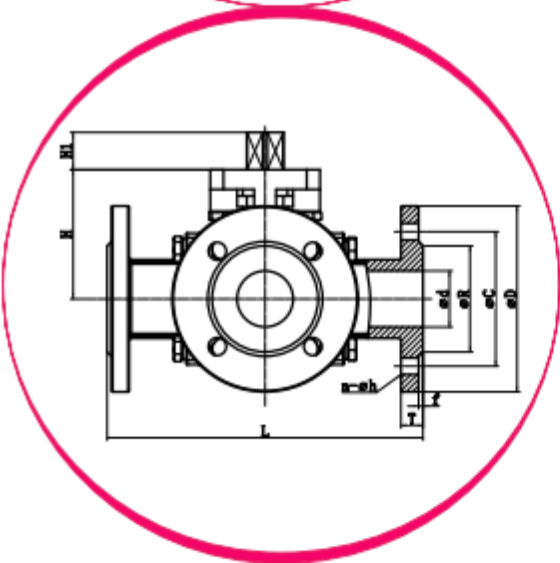
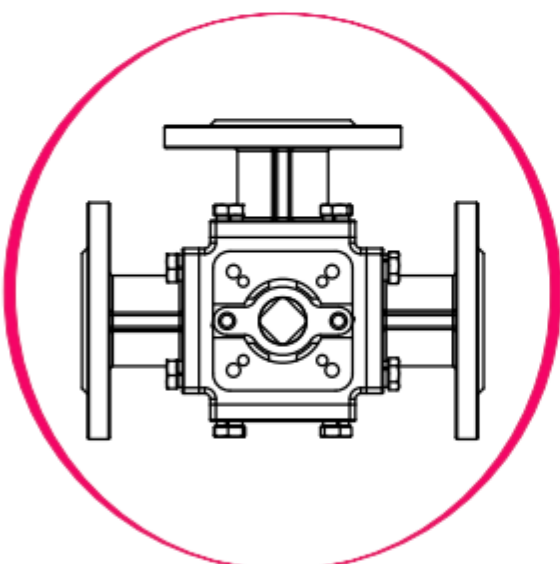
序号	零件名称 PART	材质 MATERIALS
1	阀体 BODY	WCB CF8 CF8M
2	阀盖 CAP	WCB CF8 CF8M
3	阀座 SEAT	PTFE RPTFE
4	球体 BALL	304 316
5	阀杆垫圈 STEM WASHER	PTFE RPTFE
6	填料 PACKING	PTFE RPTFE
7	阀杆 STEM	304 316
8	压盖 GLAND	304 316
9	手柄 HANDLE	201 304
10	手柄套 HANDLE COVER	PVC
11	锁 LOCK	201 304

SIZE	DN	d	D	D1	D2	T	f	H	L±1.5	W	Z-M	C	ISO5211
1/2"	15	15	95	65	46	15	2	25	37.5	131	4-M12	9	F03/F04
3/4"	20	20	105	75	56	16	2	30	41	131	4-M12	9	F03/F04
1"	25	25	115	85	65	12	2	32	44.5	167	4-M12	11	F04/F05
1 1/4"	32	32	140	100	76	15	2	33	54	167	4-M16	11	F04/F05
1 1/2"	40	38	152	110	84	17	2	42	63	193	4-M16	14	F05/F07
2"	50	49	165	125	99	19	2	46	81.5	193	4-M16	14	F05/F07
2 1/2"	65	64	185	145	118	19	2	69	101	242	4-M16	17	F07/F10
3"	80	80	200	160	132	19	3	61	119.5	272	8-M16	17	F07/F10
4"	100	95	220	180	156	20	3	65	152	295	8-M16	17	F07/F10
5"	125	110	250	210	184	24	3	20	181	365	8-M20	22	F10/F12
6"	150	125	285	240	211	24	3	23	200	500	8-M20	22	F10/F12
8"	200	150	340	295	266	25	3	57	278	500	12-M20	24	F10/F12

多通道分配化工专用 高平台法兰球阀

奔日阀门 擅长化工行业
— 出口欧美16年 —

MULTI-CHANNEL HIGH PLATFORM BALL VALVE (CHEMICAL)



标准/STANDARD

制造标准: CLASS/GB/JIS

公称通径: 1/2"-6"

公称压力: PN16-PN40/150LB-300LB/10K-20K

适用温度: -29°C~180°C

通用介质: 水、油、气、酸碱类

Manufacturing standard: DIN

Nominal diameter: 1/2"-6"

Nominal pressure: PN16-PN40/150LB-300LB/10K-20K

Applicable temperature: -29°C~180°C

Applicable media: Water, Oil, Gas, and So On

特点 Features

全通径 Full port, 1/2"~6" (DN15~DN150)

工作压力 W.P.: PN16-40/150LB-300LB/10K-20K

工作温度 W.T.: -29°C~180°C

精密铸造 Investment casting

阀杆防爆出装置设计 Blow-out proof stem

防静电装置 (可选) Anti-static device (option)

带锁手柄 Locking device handle

ISO5211直装高平台设计 ISO 5211 Direct mounting pad

自动化装置 (可选) Automation accessories (option)

材料表/MATERIAL LIST

序号	零件名称 PART	材质 MATERIALS		
1	阀体 BODY	WCB	CF8	CF8M
2	阀座 SEAT	PTFE/RPTFE		
3	球体 BALL	F304/F316		
4	O形圈 O-RING	EPDM	FKM	HNBR
5	垫片 GASKET	PTFE/RPTFE		
6	阀盖 BONNET	WCB	CF8	CF8M
7	螺栓 BOLT	F304		
8	螺母 NUT	F304		
9	阀杆 STEM	F304/F316/PH17-4		
10	阀杆垫圈 STEM WASHER	PTFE/RPTFE		
11	耐磨垫圈 WEAR WASHER	PTFE+25% GF/RPTFE+25% GF		
12	填料盖 GLAND	F304		
13	碟形弹簧 DISC SPRING	17-4/F304		
14	压盖法兰 GLAND FLANGE	CF8		
15	六角螺栓 HEX SOCKET BOLT	F304		
16	螺母 NUT	F304		
17	手柄 HANDLE	WCB/F304		

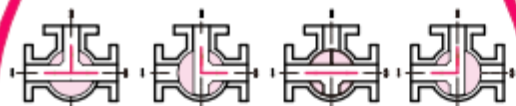
CLASS 150/JIS10K/GB PN16

SIZE	d	H	L			R			C			D			T			f			n-Dh			W	ISO 5211
			Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16	Class 150	JIS 10K	PN 16		
1/2"	15	82	152	152	152	34.9	51	46	60.3	70	65	90	95	95	10.0	12	14	2	1	2	4-Φ15.9	4-Φ15	4-Φ14	9	F03/F04
3/4"	20	85	167	167	167	42.9	56	56	69.9	75	75	100	100	105	10.9	14	16	2	1	2	4-Φ15.9	4-Φ15	4-Φ14	9	F03/F04
1"	25	94	190	190	190	50.8	67	65	79.4	90	85	110	125	115	11.6	14	16	2	1	2	4-Φ15.9	4-Φ19	4-Φ14	11	F04/F05
1 1/4"	32	100	208	208	208	63.5	76	76	88.9	100	100	115	135	140	13.2	16	18	2	2	2	4-Φ15.9	4-Φ19	4-Φ18	11	F04/F05
1 1/2"	40	115	230	230	230	73.0	81	84	98.4	105	110	125	140	150	14.7	16	18	2	2	2	4-Φ15.9	4-Φ19	4-Φ18	14	F05/F07
2"	50	120	254	254	254	92.1	96	99	120.7	120	125	150	155	165	16.3	16	20	2	2	2	4-Φ19.1	4-Φ19	4-Φ18	14	F05/F07
2 1/2"	65	155	290	290	290	104.8	116	118	139.7	140	145	180	175	185	17.9	18	20	2	2	2	4-Φ19.1	4-Φ19	4-Φ18	17	F07/F10
3"	80	165	310	310	310	127.0	126	132	152.4	150	160	190	185	200	19.5	18	20	2	2	2	4-Φ19.1	8-Φ19	8-Φ18	17	F07/F10
4"	100	200	352	352	352	157.2	151	156	190.5	175	180	230	210	220	24.3	18	22	2	2	2	8-Φ19.1	8-Φ19	8-Φ18	22	F10
5"	125	250	420	420	420	185.7	182	184	215.9	210	210	255	250	250	24.3	20	22	2	2	2	8-Φ22.3	8-Φ23	8-Φ18	22	F10
6"	150	295	510	510	510	215.9	212	211	241.3	240	240	280	280	285	25.9	22	24	2	2	2	8-Φ22.3	8-Φ23	8-Φ22	27	F10/F12

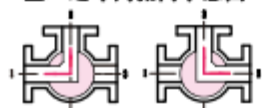
CLASS 300/JIS10K/GB PN25-40

SIZE	d	H	L			R			C			D			T			f			n-Dh			W		ISO5211	
			Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	JIS 20K	PN25-40	Class 300	PN25-40	Class 300	PN25-40
1/2"	15	82	152	152	152	34.9	51	46	66.7	70	65	95	95	95	14.7	14	14	2	1	2	4-Φ15.9	4-Φ15	4-Φ14	9	9	F03/F04	F03/F04
3/4"	20	85	167	167	167	42.9	56	56	82.6	75	75	115	100	105	16.3	16	16	2	1	2	4-Φ19.1	4-Φ15	4-Φ14	9	9	F03/F04	F03/F04
1"	25	94	190	190	190	50.8	67	65	88.9	90	85	125	125	115	17.9	16	16	2	1	2	4-Φ19.1	4-Φ19	4-Φ14	11	11	F04/F05	F04/F05
1 1/4"	32	100	208	208	208	63.5	76	76	98.4	100	100	135	135	140	19.5	18	18	2	2	2	4-Φ19.1	4-Φ19	4-Φ18	11	11	F04/F05	F04/F05
1 1/2"	40	115	230	230	230	73.0	81	84	114.3	105	110	155	140	150	21.1	18	18	2	2	2	4-Φ22.3	4-Φ19	4-Φ18	14	14	F05/F07	F05/F07
2"	50	120	254	254	254	92.1	96	99	127.0	120	125	165	155	165	22.7	18	20	2	2	2	8-Φ19.1	8-Φ19	4-Φ18	14	14	F05/F07	F05/F07
2 1/2"	65	155	290	290	290	104.8	116	118	149.2	140	145	190	175	185	25.9	20	22	2	2	2	8-Φ22.3	8-Φ19	8-Φ18	17	22	F07/F10	F10
3"	80	165	310	310	310	127.0	132	132	168.3	160	160	210	200	200	29.0	22	24	2	2	2	8-Φ22.3	8-Φ23	8-Φ18	22	22	F10	F10
4"	100	200	352	352	352	157.2	160	156	200.0	185	190	255	225	235	32.2	24	24	2	2	2	8-Φ22.3	8-Φ23	8-Φ22	22	22	F10	F10
5"	125	250	420	420	420	185.7	195	184	235.0	225	220	280	270	270	35.4	26	26	2	2	2	8-Φ22.3	8-Φ25	8-Φ26	27	27	F10/F12	F10/F12
6"	150	295	510	510	510	215.9	230	211	269.9	260	250	320	305	300	37.0	28	28	2	2	2	12-Φ22.3	12-Φ25	8-Φ26	27	27	F10/F12	F10/F12

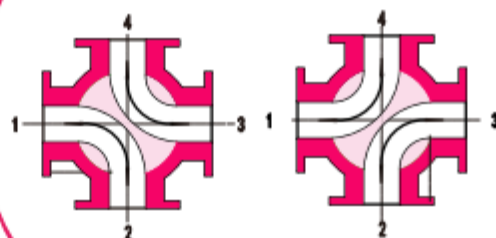
T型三通球阀流向示意图



L型三通球阀流向示意图



四通球阀介质流向示意图



可齿轮箱式



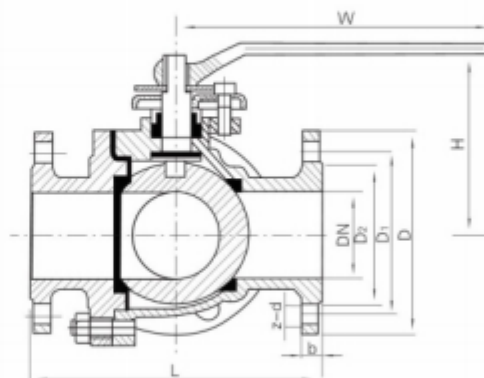
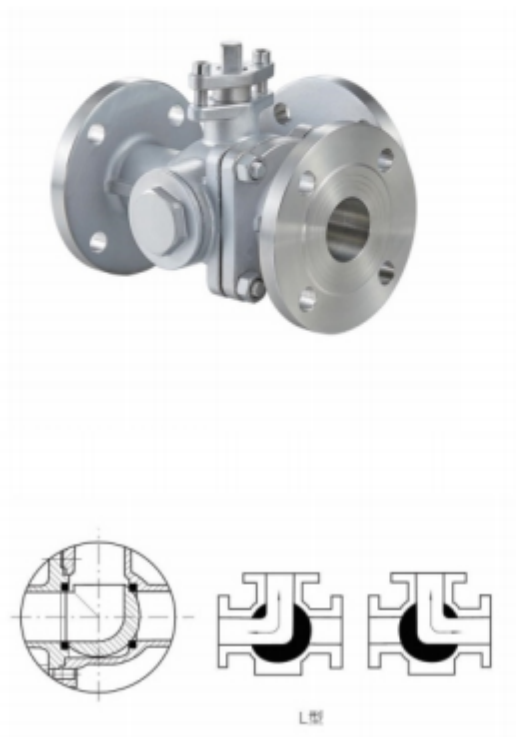
可电动式



可气动式



可手柄式

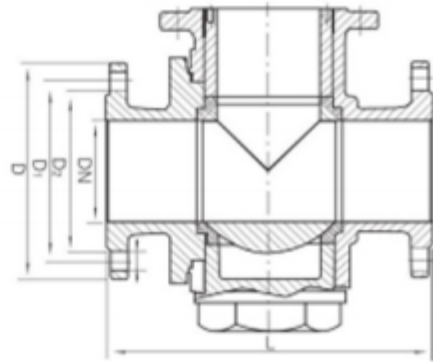


主要性能规范 Main Performance Specifications

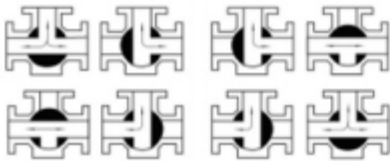
通用介质 Applicable Media	工作温度 Operating Temperature	工作压力 Operating Pressure	试验压力 Test Pressure		公称压力 Nominal Pressure
油、汽水 Oil and soda	≤150°C	1.6MPa	1.76	2.4	1.6MPa
醋类 Vinegars	≤150°C	1.6MPa	1.76	2.4	1.6MPa
硝酸类 Nitric Acid Series	≤150°C	1.6MPa	1.76	2.4	1.6MPa

PN16 主要法兰连接尺寸 Main flange connection size

DN	L	L2	D	D1	D2	b	H	W	N-ΦZ
15	150	75	95	65	45	16	95	130	4-Φ14
20	160	80	105	75	58	18	110	130	4-Φ14
25	180	90	115	85	68	18	120	140	4-Φ14
32	200	100	140	100	78	18	144	180	4-Φ18
40	220	110	150	110	88	18	152	220	4-Φ18
50	240	120	165	125	102	18	182	220	4-Φ18
65	260	130	185	145	122	18	193	240	8-Φ18
80	280	140	200	160	138	20	217	270	8-Φ18
100	320	160	220	180	158	20	245	350	8-Φ18
125	380	190	250	210	188	22	282	500	8-Φ18
150	440	220	285	240	212	22	319	600	8-Φ22
200	550	275	340	295	268	24	380	1000	12-Φ22
250	670	355	405	355	320	26	460	1400	12-Φ26
300	720	360	460	410	378	28	520	1800	12-Φ26
350	820	410	520	470	428	30	560	2800	16-Φ26
400	1000	500	580	525	490	32	600	3500	16-Φ30



主要性能规范 Main Performance Specifications



T型

适用介质 Applicable Media	工作温度 Operating Temperature	工作压力 Operating Pressure	试验压力 Test Pressure		公称压力 Nominal Pressure
油、汽水 Oil and soda	≤150°C	1.6MPa	1.76	2.4	1.6MPa
醋类 Vinegars	≤150°C	1.6MPa	1.76	2.4	1.6MPa
硝酸类 Nitric Acid Series	≤150°C	1.6MPa	1.76	2.4	1.6MPa

PN16 主要法兰连接尺寸 Main flange connection size

DN	L	L2	D	D1	D2	b	H	W	N-ΦZ
15	150	75	95	65	45	16	95	130	4-Φ14
20	160	80	105	75	58	18	110	130	4-Φ14
25	180	90	115	85	68	18	120	140	4-Φ14
32	200	100	140	100	78	18	144	180	4-Φ18
40	220	110	150	110	88	18	152	220	4-Φ18
50	240	120	165	125	102	18	182	240	4-Φ18
65	260	130	185	145	122	18	193	270	8-Φ18
80	280	140	200	160	138	20	217	350	8-Φ18
100	320	160	220	180	158	20	245	500	8-Φ18
125	380	190	250	210	188	22	282	600	8-Φ18
150	440	220	285	240	212	22	319	1000	8-Φ22
200	550	275	340	295	268	24	380	1300	12-Φ22
250	670	335	405	355	320	26	460	1700	12-Φ26
300	720	360	460	410	378	28	520	2100	12-Φ26
350	880	440	520	470	428	30	560	2800	16-Φ26
400	1000	500	580	525	490	32	600	3500	16-Φ30