

BOLON FLUID CONTROL (ZHEJIANG) CO., LTD.

李朗流体控制（浙江）有限公司

Special Material Valves

Conventional Material Valves

特殊材质阀门/普通材质阀门

李朗流体控制（浙江）有限公司 **BOLON FLUID CONTROL (ZHEJIANG) CO., LTD.**

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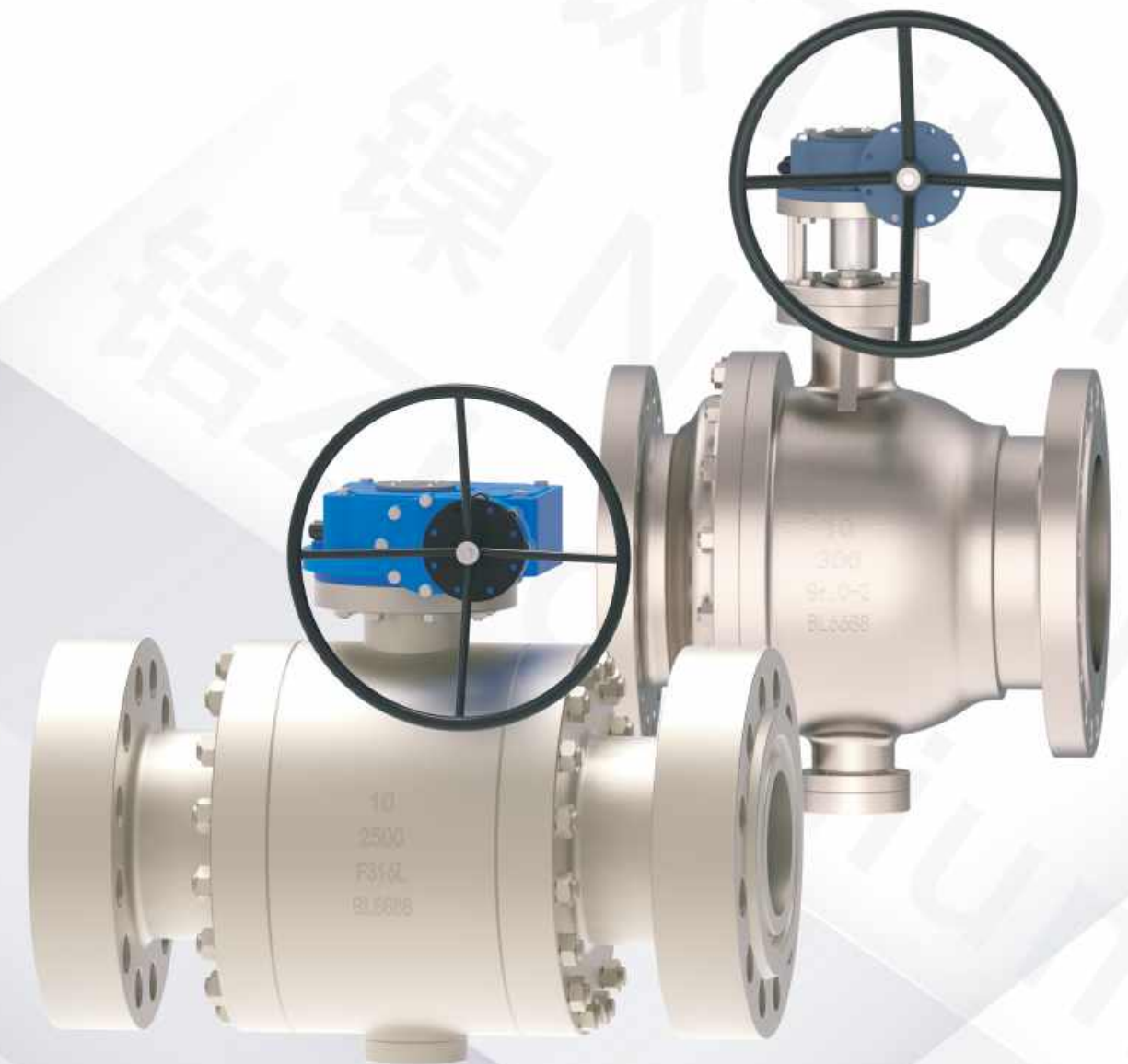
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主要生产范围 Main Production Scope

专业生产2205(4A)阀门、2507(5A)阀门、CN7M阀门、CD4MCu阀门、254SMo阀门、2520(310s)阀门、904L阀门、TA2、TA10 钛系列合金阀门、702锆合金阀门、N6纯镍阀门、N08810、N08825、N06600、N06625系列镍基合金阀门、HC276、HC22、HB 系列哈氏合金阀门、M400、M500系列蒙乃尔合金阀门、C95800系列铜合金阀门等特材系列阀门。

We focus on producing 2205 (4A) valves, 2507 (5A) valves, CN7M valves, CD4MCu valves, 254SMo valves, 2520 (310s) valves, 904L valves, TA2, TA10 titanium alloy valves, 702 zirconium alloy valves, N6 pure nickel valves, N08810, N08825, N06600, N06625 series nickel based alloy valves, HC276, HC22, HB series Hastelloy valves, M400, M500 series Monel alloy valves, C95800 series copper alloy valves, and other special material valves.



公司简介 Company Profile

李朗流体控制(浙江)有限公司是业内领先、经验丰富的阀门制造商。自主生产的阀门涵盖了球阀、蝶阀、旋塞阀、闸阀、截止阀、止回阀等。根据工况、介质及客户需求，多种产品尺寸，压力等级以及阀体材料可供选择。我们的旗舰产品是在高温、高压、多杂质等苛刻工况下仍保持长寿命和零泄漏的金属硬密封球阀和纯金属双向压硬密封蝶阀以及耐腐蚀的特殊高合金材质的各种阀门。

李朗为全球各行业包括电力、石油&天然气、炼化、石化、矿山、船舶、冶金以及航空等行业提供阀门。所有产品都是由经验丰富的专业工程师进行设计、制造以及安装，其产品性能和使用寿命通过数据库进行跟踪调查以便及时改进。专业的设计，先进的制造工艺以及严格的测试和质量控制程序使李朗阀门拥有长寿命和维护少的特点。

李朗以其产品卓越的质量和可靠性能在业内享有很高的声誉，并且在不断地改进和提高服务质量和技术支持水平。李朗一直以来以其敬业的态度和专业的技术服务于广大客户并始终坚持履行其对客户的承诺。李朗以为您提供可靠、经济、高效的阀门解决方案。我们致力于并希望能和您一起合作，在未来的发展中与您建立长期的合作关系。

BOLON Fluid Control (Zhejiang) Co., Ltd. is a leading and experienced valve manufacturer in the industry. The independently produced valves include ball valves, butterfly valves, plug valves, gate valves, globe valves, check valves, etc. Multiple product sizes, pressure levels and valve body materials are available for selection based on working conditions, media, and customer needs. Our flagship products are metal hard sealed ball valves and pure metal bidirectional pressure hard sealed butterfly valves that maintain long service life and zero leakage filtration under harsh working conditions such as high temperature, high pressure, and multiple impurities, as well as various valves made of corrosion-resistant special high alloy materials.

BOLON provides valves to various industries worldwide, including power, oil&gas, refining, petrochemical, mining, shipbuilding, metallurgy, and aviation. All products are designed, manufactured, and installed

BOLON enjoys a high reputation in the industry for its excellent quality and reliable performance of products, and continuously improves and enhances service quality and technical support levels. BOLON has always served its customers with its dedicated attitude and professional technology, and has always adhered to fulfilling its commitments to customers. BOLON provides you with reliable, economical, and efficient valve solutions. We are committed to and hope to work with you to establish a long-term partnership in our future development.



为什么选择我们 *WHY US*

李朗在工业阀门领域拥有丰富的设计和制造经验，其产品应用已得到广大客户的验证！所有铸件和采购的阀门配件都将经过严格的检测，使应用更加可靠！公司产品全面覆盖ISO9001质量保证体系，并通过TS特种设备认证和CE认证。公司采购了加工中心、智能数控机床等先进的机械加工设备的同时，引入了全自动测试设备、大直径高压测试平台和各种实验室测试仪器，确保了产品开发和生产线的整个过程的高质量。

BOLON has rich design and manufacturing experience in the field of industrial valves, and its product applications have been verified by a large number of customers! All castings and purchased valve accessories will undergo strict testing to make the application more reliable! The company's products fully cover the ISO9001 quality assurance system and have passed TS special equipment certification and CE certification. The company has purchased advanced mechanical processing equipment such as machining centers and intelligent CNC machine tools, while also introducing fully automatic testing equipment, large diameter high-pressure testing platforms, and various laboratory testing instruments, ensuring the high quality of the entire process of product development and production line.





A105 Trunion Metal Seated Ball Valve
A105 锻钢固定金属硬密封球阀



A182 F904L Forged Steel Floating Ball Valve
A182 F904L 锻钢浮动球阀



A182 F316L Forged Steel Trunion Mounted Ball Valve
A182 F316L 锻钢固定球阀



Titanium B367 Gr.C-2 Casting Floating Ball Valve
B367 Gr.C-2 钛材浮动球阀



Titanium B367 Gr. C-2 Sleeve Type Plug Valve
B367 Gr. C-2 钛材卡套式旋塞阀



A351 CF3M Trunion Mounted Ball Valve
A351 CF3M 固定球阀



Titanium B367 Gr.C-2 Pressure Sealed Check Valve
B367 Gr. C-2 钛材自密封止回阀



Zirconium B752 702C Wedged Gate Valve
B752 702C 锆材楔式闸阀



Titanium B367 Gr. C-2 Flanged Triple Offset Butterfly Valve
B367 Gr. C-2 钛材法兰式三偏心蝶阀



A351 CT15C Lugged Triple Offset Butterfly Valves
A351 CT15C 镍合金凸耳式三偏心蝶阀



A351 CF3M Wafer Triple Offset Butterfly Valve
A351 CF3M 不锈钢对夹式三偏心蝶阀



Monel 400 A494 M35-1 Globe Valve
400 A494 M35-1 蒙乃尔截止阀



Titanium B367 Gr.C-2 Pressure Sealed Gate & Globe Valve
B367 Gr.C-2 钛材自密封闸/截止阀

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BOLON FLUID CONTROL (ZHEJIANG) CO., LTD.

李朗流体控制（浙江）有限公司

金属硬密封球阀 METAL SEALED BALL VALVES
固定球阀 TRUNNION MOUNTED BALL VALVES
锻钢球阀 FORGED STEEL BALL VALVES
铸钢球阀 CAST STEEL BALL VALVES

口径 Size: 1/2" - 48" (15 - 1200 mm)

压力 Pressure: ASME Class 150 - 2500LB

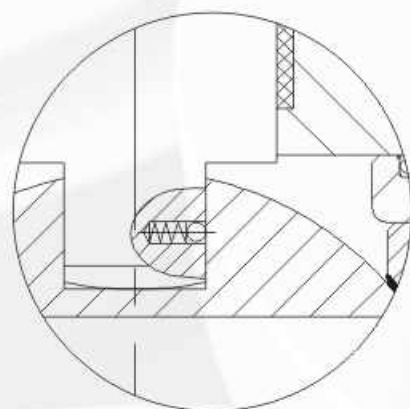
标准 Standard: API 6D, API 608, ISO 17292, BS 5351

材质 Materials: B367 Gr. C-2, B381 Gr. F-2,
A494 CY40, B564 N06600, B752 702C,
A493 R60702, A890/A995 4A, A182 F51(2205),
904L, A182 F904L, A216 WCB, A105, A351 CF8,
A182 F304, A351.CF3M, A182 F316L



金属球阀的特点 Highlights for Metal Seated Ball Valve

- 浮动或固定结构
- 整体1-pc、分体式2-pc或3-pc结构
- 全通径或缩径
- 防脱阀杆
- 防静电
- 防火安全
- ISO 5211顶部法兰
- 内腔泄压
- Floating or Trunnion Structure
- 1-pc, Split 2-pc or 3-pc Constructure
- Full Bore or Reduced Bore
- Blow-out Proof Stem
- Anti-static
- Fire Safe
- ISO 5211 Top Flange
- Self Cavity Pressure Relief



防静电 Anti-static

设计特征 Design Features

密封材料 Sealing Material

高纯柔性石墨具有耐高温、强度好、摩擦系数小、开闭力矩小、密封性能可靠、使用寿命长等优点。

High purity flexible graphite which has merit of high temperature resistance, good strength, small friction coefficient, small open/close torque, reliable sealing performance, long service.

高温下保护阀门 Protecting Valves under High Temperature

金属球阀采用柔性石墨密封结构，可吸收部件产生的热膨胀。这样可以保证球阀在高温条件下灵活开启和关闭。

The metal seated ball valve adopt flexible graphite sealing structure which will absorb the thermal expansion come from components. Thus can guarantee the ball valve open and close flexibly under high temperature condition.

自我清洁阀座 Self-clean Seat

金属球阀通常应用于结晶颗粒工况。一些颗粒容易结晶并粘在表面，导致阀门无法打开和关闭。我们改进了阀座，采用自清洁设计，可以自动去除表面的结晶颗粒，确保阀门能够轻松打开和关闭，并保持良好的密封性能。

Metal seated ball valve is usually applied to crystalline partical working condition. Some particle easily crystallize and stick in the surface, causing the valve cannot open and close. We improve the seat with self-clean design, which can automatically remove the crystalline particle from the surface to make sure the valve can open and close easily also maintain good sealing performance.

防尘阀座 Dust Proof Seat

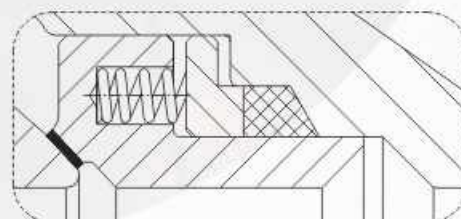
我们在阀座弹簧的前后放置密封灰尘，以确保阀门能够轻松打开和关闭，并保持良好的密封性能。

We put seal-dust in front and back of seat spring to make sure the valve can open and close easily also maintain good sealing performance.

阀杆防脱 Blow-out Proof Stem

阀杆防脱落的设计可以防止阀杆在正常压力下飞出。

Blow-out proof stem design can protect against failure under excess pressure.



自我清洁阀座 Self-clean Seat

防尘阀座 Dust Proof Seat

碟形弹簧设计 Belleville Spring Design

当密封面在工作过程中受到磨损时，这种弹簧可以确保密封圈有足够的预紧力，以保持良好的密封性能。

When the sealing surface is abrasive wear during operating, this type spring can ensure the sealing ring have enough preload to maintain good sealing performance.

可靠的中部法兰密封性能 Reliable Sealing Performance of Middle Flange of Valve

可靠的密封性能，中间金属+石墨缠绕垫片，用于阀体和阀盖的中间密封。

Reliable Sealing Performance of Middle Metal + graphite spiral wound gasket for middle sealing of body and bonnet.

防火安全设计 Fire Safe Design

金属对金属密封结构和用于阀杆和阀座填料的柔性石墨材料。可靠的防火密封性能！

Metal to metal sealed structure and flexible graphite material for packing of stem and seat. Reliable sealing performance in fire!

球体和阀座经过固溶处理 Solid Solution Treated Ball & Seat

球阀和阀座毛坯经过固溶或退火处理，以消除应力，确保材料的机械性能，并减少因加工应力不均匀而引起的变形。我们根据工作条件，采用HOVF和等离子熔覆等先进的加工技术对球阀和阀座进行处理。

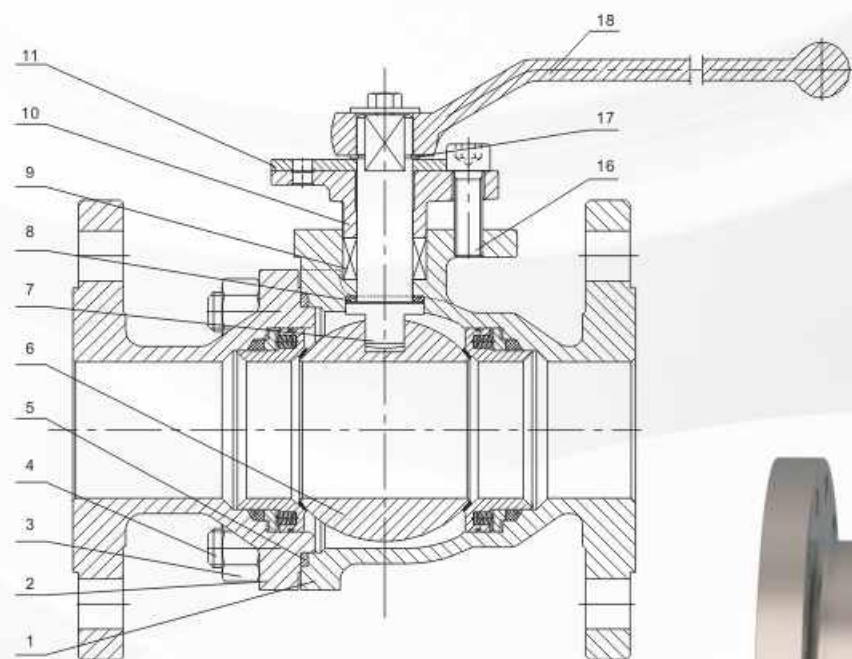
The ball and valve seat blanks are subjected to solid solution or annealing treatment to eliminate stress, ensure the mechanical properties of the material, and reduce deformation caused by uneven processing stress. We use advanced processing techniques such as HOVF and plasma cladding to treat the ball and valve seat according to working conditions.

涂层材料 Coating Material	碳化钨 Tungste Carbide	碳化铬 Chromium Carbide	镍60 Ni60	因科耐尔 Inconel 625	司太立 STL NO.6	司太立 STL NO.20
硬度Hardness	HRC68-72	HRC55-68	HRC55-60	HRC38-40	HRC38-43	HRC50-56
适用温度Applicable 温度Temperature	≤450℃	≤880℃	≤450℃	≤660℃	≤680℃	≤680℃
涂层厚度 Coating Thickness	0.15-1 mm					
强度Strength	70MPa					

可靠性密封性能 Relialbe Sealing Performance

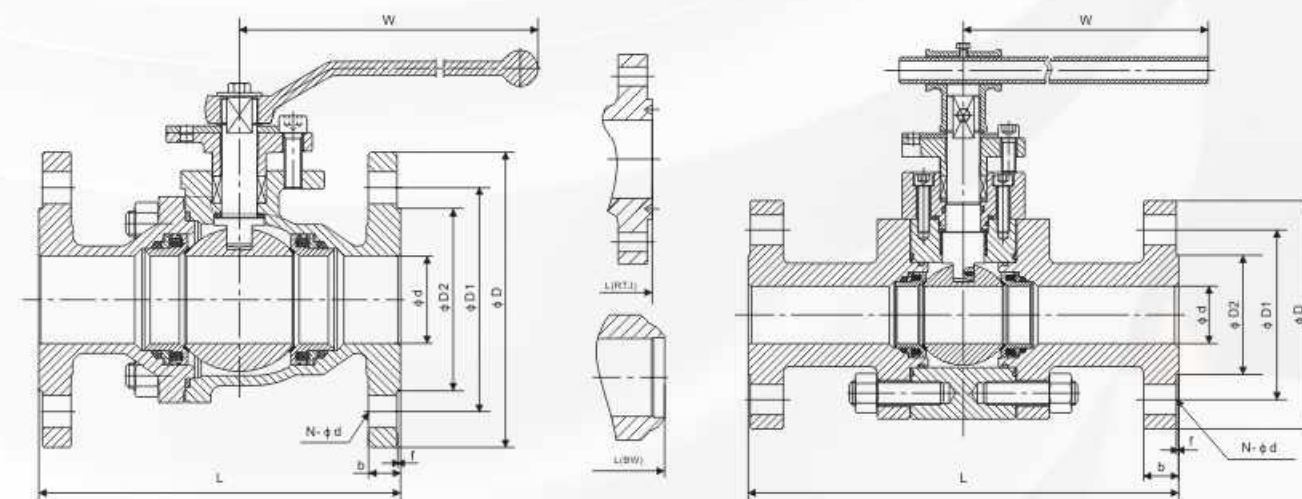
采用高精度数控磨床对滚珠和阀座进行完全匹配，使滚珠和阀座表面具有较高的圆度和光洁度。

Using high precision CNC grinding machine to match the ball and seat completely mach and get high circular and finish degree for the surface of ball and seat.



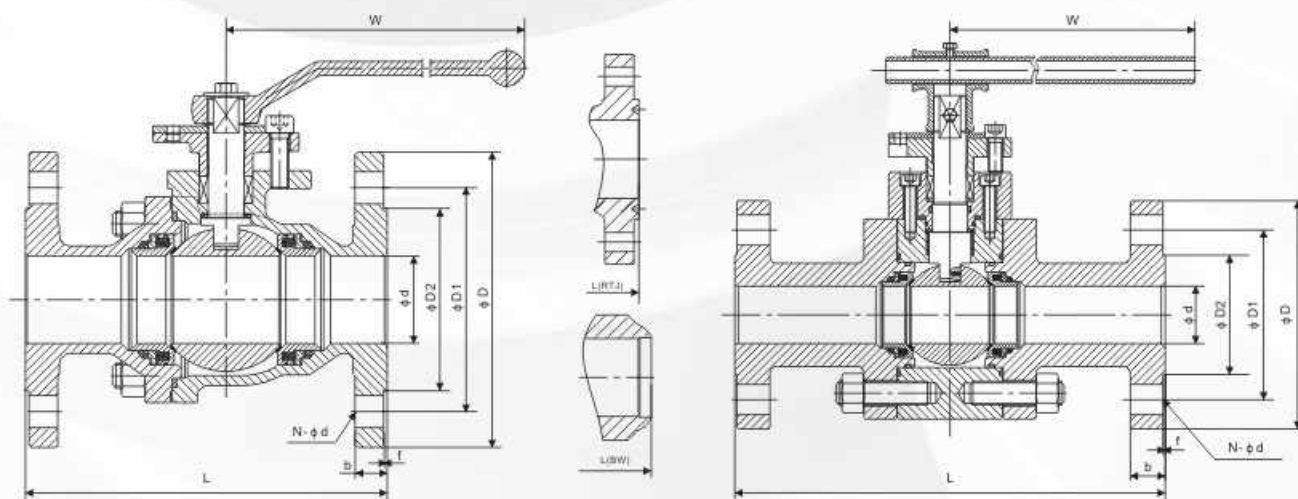
部件材料 Materials of Parts

序号 No	部件名称 Part Name	材料 Material		
		钛Titanium Gr.2	蒙乃尔Monel 400	SS316
1	阀体Body	B367 Gr. C-2	蒙乃尔Monel 400	A351 CF8M
2	阀盖Bonnet	B367 Gr. C-2	蒙乃尔Monel 400	A351 CF8M
3	螺栓Bolt	A193 B8M	A193 B8M	A193 B8M
4	螺母Nut	A194 8M	A194 8M	A194 8M
5	垫片Gasket	钛Titanium+石墨Graphite	蒙乃尔Monel +石墨Graphite	316 +石墨Graphite
6	球体Ball	B381 Gr. F-2+CRWC	B564 N04400	A182 F316+STL
7	阀杆Stem	B381 Gr. F-2	B564 N04400	A182 F316
8	止推垫Thrust washer	PPL	PPL	PPL
9	填料Packing	石墨Graphite	石墨Graphite	石墨Graphite
10	填料压盖Packing Gland	A351 CF8M	A351 CF8M	A351 CF8M
11	定位片Positioning Piece	CF8	CF8	CF8
12	阀座Seat	B381 Gr. F-2+CRWC	B564 N04400	A182 F316+STL
13	弹簧Spring	因科耐尔Inconel X 750	因科耐尔Inconel X 750	SS316
14	弹簧座Spring Seat	B381 Gr. F-2	B564 N04400	A182 F316
15	密封圈Sealing Ring	石墨Graphite	石墨Graphite	石墨Graphite



尺寸 Dimensions

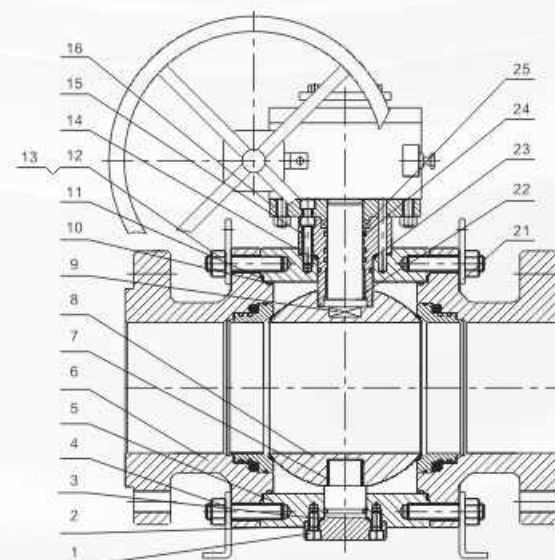
口径 Size	尺寸 Dimensions(mm)											重量Weight(kg)
	L			d	D	D1	D2	b	f	N-Φd	W	普通 General
	RF	RTJ	BW									
Class 150												
½"	108	/	140	13	90	60.5	35	9	2	4-Φ16	140	2.3
3/4"	117	/	152	19	100	70	43	10	2	4-Φ16	140	3
1"	127	/	165	25	110	79.5	51	11	2	4-Φ16	140	4.5
1 1/4"	140	/	178	32	115	89	64	11	2	4-Φ16	180	5.5
1 1/2"	165	/	190	38	125	98.5	73	13	2	4-Φ16	180	7
2"	178	191	216	50	150	120.5	92	14.5	2	4-Φ19	200	9.5
3"	203	216	283	75	190	152.5	127	17.5	2	4-Φ19	300	19
4"	229	241	305	100	230	190.5	157	22.5	2	8-Φ19	650	33
Class 300												
½"	140	/	140	13	95	66.5	35	13	2	4-Φ16	140	2.5
3/4"	152	/	152	19	115	82.5	43	14.5	2	4-Φ19	140	3.5
1"	165	/	165	25	125	89	51	16	2	4-Φ19	140	5.5
1 1/4"	178	/	178	32	135	98.5	64	17.5	2	4-Φ19	180	8
1 1/2"	190	/	190	38	155	114.5	73	19.5	2	4-Φ22	180	10.5
2"	216	132	216	50	165	127	92	21	2	8-Φ19	200	15
3"	283	298	283	75	210	168.5	127	27	2	8-Φ22	300	30
4"	305	321	305	100	255	200	157	30.5	2	8-Φ22	650	55
Class 600												
½"	165	/	165	13	95	66.5	35	14.5	7	4-Φ16	140	3.5
3/4"	190	/	190	19	115	82.5	43	16	7	4-Φ19	140	6.5
1"	216	/	216	25	125	89	51	17.5	7	4-Φ19	180	8.8
1 1/4"	229	/	229	32	135	98.5	64	21	7	4-Φ19	200	10.5
1 1/2"	241	/	241	38	155	114.5	73	22.5	7	4-Φ22	250	13.5
2"	292	295	292	50	165	127	92	26	7	8-Φ19	300	△
3"	356	359	356	75	210	168.5	127	32	7	8-Φ22	650	△



尺寸 Dimensions

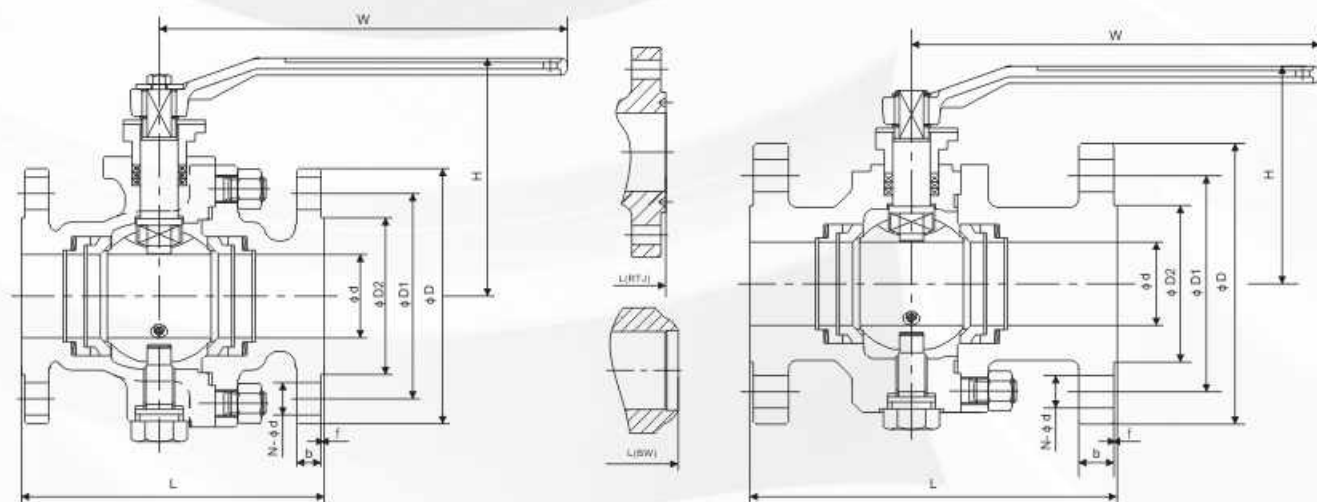
口径 Size	尺寸 Dimensions(mm)										重量 Weight(kg)
	L			d	D	D1	D2	b	f	N-Φd	普通 General
	RF	RTJ	BW								
Class 150											
4"	229	241	305	100	230	190.5	157	22.5	2	8-Φ19	33
6"	394	406	457	150	280	241.5	216	24	2	8-Φ22	96
8"	457	470	521	201	345	298.5	270	27	2	8-Φ22	160
Class 300											
4"	305	321	305	100	255	200	157	30.5	2	8-Φ19	55
6"	403	419	457	150	320	270	216	35	2	12-Φ22	118
8"	502	818	521	201	380	330	270	40	2	12-Φ25	200
Class 600											
4"	432	435	432	100	275	216	157	38.5	7	8-Φ25	△
6"	559	562	559	150	355	292	216	48	7	12-Φ29	△
8"	660	664	660	201	420	349	270	56	7	12-Φ32	△

固定式金属硬密封球阀 TRUNNION TYPE METAL SEATED BALL VALVE



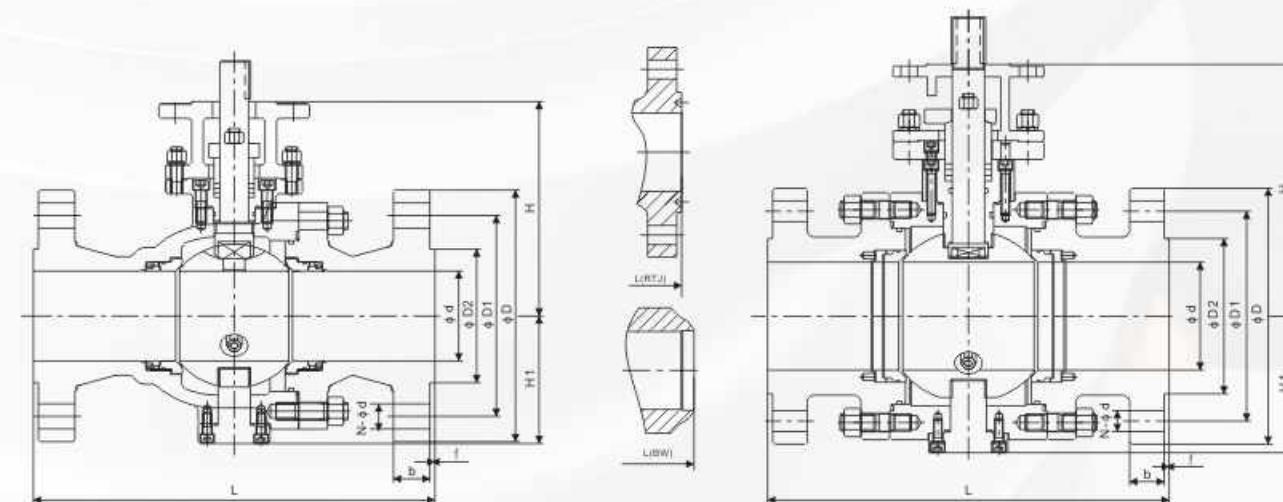
部件材料 Materials of Parts

序号 No	部件名称 Part Name	材料 Material		
		SS316	超级双相钢Super Duplex	904L
1	内六角Hexagon	A193 B8M	A193 B8M	A193 B8M
2	端盖End Cap	B381 Cr. F-2	A182 F904L	A182 F316L
3	金属垫Metal Gasket	Inconel 625+石墨Graphite	Inconel 625+石墨Graphite	316L+石墨Graphite
4	支撑脚Support Foot	A3+ENP	A3+ENP	A3+ENP
5	阀体Body	B381 Cr. F-2	A182 F904L	A182 F316L
6	阀盖Bonnet	B381 Cr. F-2	A182 F904L	A182 F316L
7	轴承Bearing	钛Titanium	904L	316L
8	球体Ball	B381 Cr. F-2	A182 F904L	A182 F316L
9	阀杆Stem	B381 Cr. F-2	A182 F904L	A182 F316L
10	O型圈O-ring	VITON	VITON	VITON
11	金属垫Metal Gasket	Inconel 625+石墨Graphite	Inconel 625+石墨Graphite	316L+石墨Graphite
12	螺栓Bolt	A193 B8M	A193 B8M	A193 B8M
13	螺母Nut	A194 8M	A194 8M	A194 8M
14	填料座Packing Seat	B381 Cr. F-2	A182 F904L	A182 F316L
15	内六角Hexagon	A193 B8M	A193 B8M	A193 B8M
16	连接盘Connecting Plate	B381 Cr. F-2	A182 F904L	A182 F316L
17	阀座Seat	B381 Cr. F-2	A182 F904L	A182 F316L
18	防尘挡圈Dust Retaining Ring	石墨Graphite	石墨Graphite	石墨Graphite
19	弹簧Spring	Inconel X 750	Inconel X 750	Inconel X 750
20	O型圈O-ring	VITON	VITON	VITON
21	吊耳Ear	A3+ENP	A3+ENP	A3+ENP
22	轴承Bearing	Titanium	904L	316L
23	轴承Bearing	Titanium	904L	316L
24	O型圈O-ring	VITON	VITON	VITON
25	填料Graphite	石墨Graphite	石墨Graphite	石墨Graphite



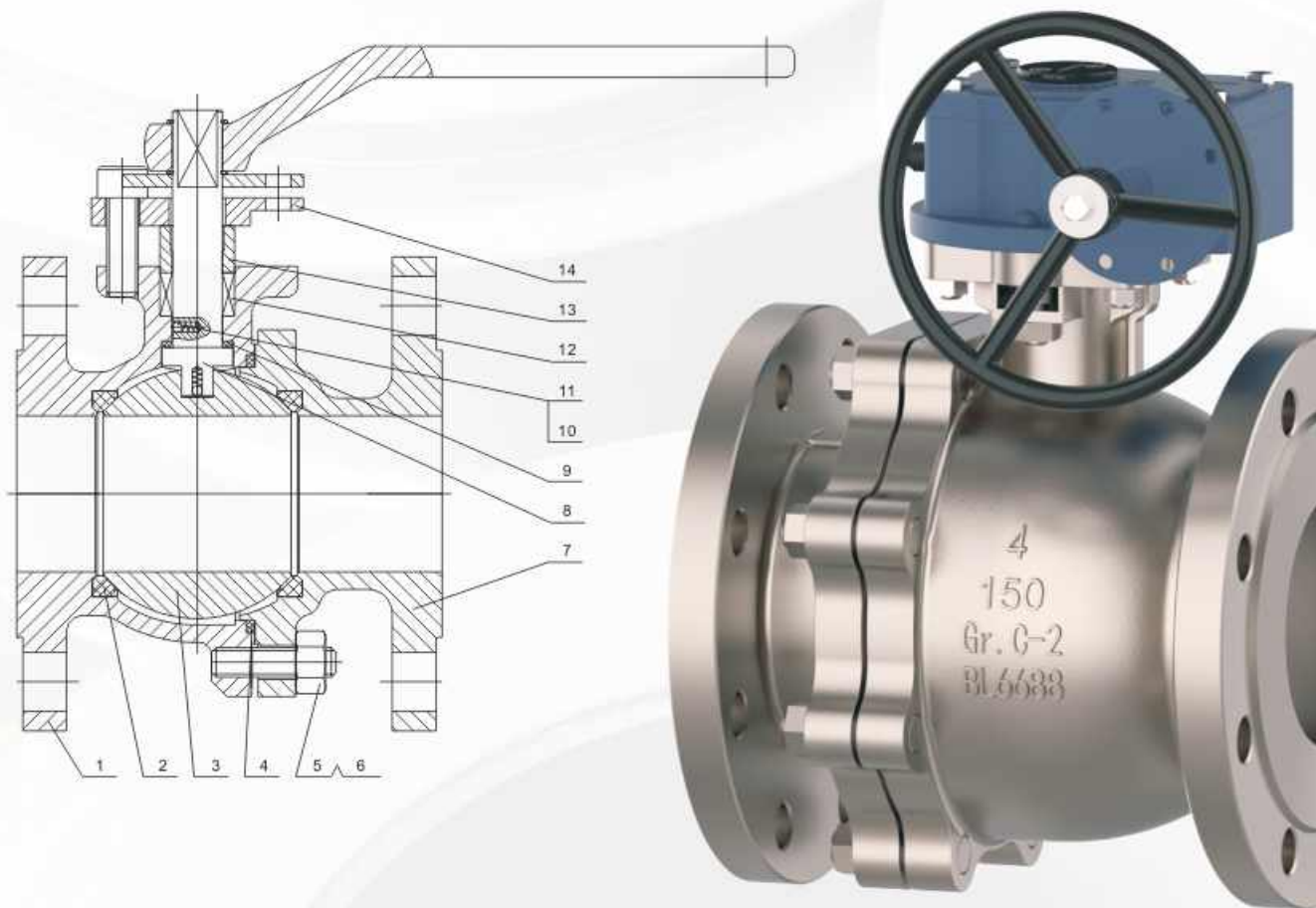
尺寸 Dimensions

口径 Size	尺寸 Dimensions(mm)											重量Weight(kg)
	L			d	D	D1	D2	b	f	N-Φd	W	普通 General
	RF	RTJ	BW									
Class 150												
2"	178	191	216	50	150	120.5	92	14.5	2	4-Φ19	200	14
3"	203	216	283	75	190	152.5	127	17.5	2	4-Φ19	300	26
4"	229	271	305	100	230	190.5	157	22.5	2	8-Φ19	650	45
Class 300												
2"	216	232	216	50	165	127	92	21	2	8-Φ19	200	17
3"	283	298	283	75	210	168.5	127	27	2	8-Φ22	300	35
4"	305	321	305	100	255	200	157	30.5	2	8-Φ22	650	55
Class 600												
2"	292	295	292	50	165	127	92	26	7	8-Φ19	300	28
3"	356	359	356	75	210	168.5	127	32	7	8-Φ22	300	55
Class 900												
2"	368	371	368	50	215	165	124	38.5	7.92	8-Φ25	650	△
3"	381	384	381	75	240	190.5	156	38.5	7.92	8-Φ25	800	△



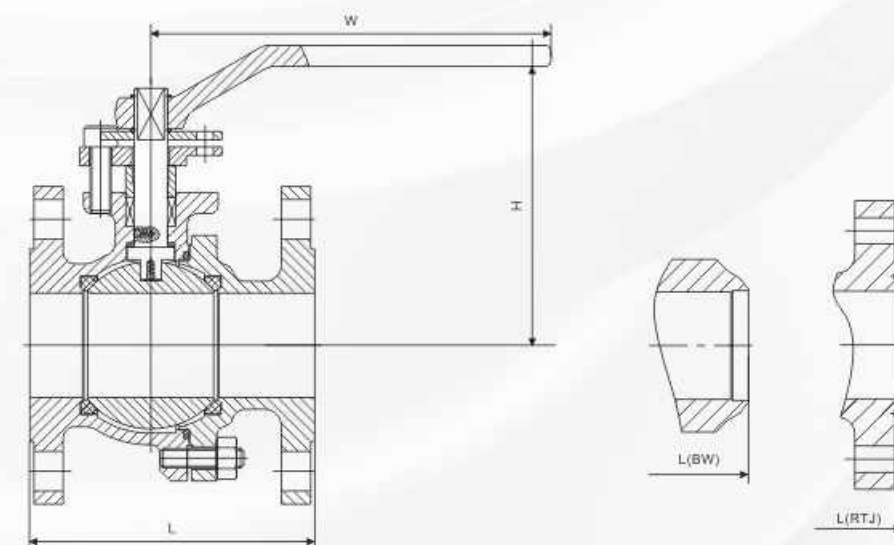
尺寸 Dimensions

口径 Size	尺寸 Dimensions(mm)											重量Weight(kg)
	L			d	D	D1	D2	b	f	N-Φd	普通 General	
	RF	RTJ	BW									
Class 150												
6"	394	406	457	150	280	241.5	216	24	2	8-Φ22	120	
8"	457	470	521	201	345	298.5	270	27	2	8-Φ22	300	
10"	533	546	559	252	405	362	324	29	2	12-Φ25	315	
12"	610	622	635	303	485	432	381	30.5	2	12-Φ25	500	
14"	686	699	762	334	535	476	413	33.5	2	12-Φ29	670	
16"	762	775	838	385	595	540	470	35	2	16-Φ29	900	
18"	864	876	914	436	635	578	533	38.5	2	16-Φ32	1080	
20"	914	927	991	487	700	635	587	41.5	2	20-Φ32	1560	
Class 300												
6"	403	419	457	150	320	270	216	35	2	12-Φ22	160	
8"	502	518	521	201	380	330	270	40	2	12-Φ25	260	
10"	568	584	559	252	445	387.5	324	46.5	2	16-Φ29	380	
12"	648	664	635	303	520	451	381	49.5	2	16-Φ32	570	
14"	762	778	762	334	585	514.5	413	52.5	2	20-Φ32	750	
16"	838	854	838	385	650	571.5	470	56	2	20-Φ35	1120	
18"	914	930	914	436	710	682.5	533	59	2	24-Φ35	1460	
20"	991	1010	991	487	775	686	584	62	2	24-Φ35	2030	
Class 600												
4"	432	435	432	100	275	216	157	38.5	7	8-Φ25	102	
6"	559	562	559	150	355	292	216	48	7	12-Φ29	250	
8"	660	664	660	201	420	349	270	56	7	12-Φ32	430	
10"	787	791	787	252	510	432	324	64	7	16-Φ35	680	
12"	838	841	838	303	560	489	381	67	7	20-Φ35	985	
14"	889	892	889	334	605	527	413	70	7	20-Φ39	1002	
16"	991	994	991	385	685	603	470	77	7	20-Φ41	1160	
18"	1092	1095	1092	436	745	654	533	83	7	20-Φ44	1611	
20"	1194	1200	1194	487	815	724	584	89	7	24-Φ44	2985	
Class 900												
4"	457	460	457	100	290	235	181	45	7.92	8-Φ32	△	
6"	610	613	610	150	380	317.5	241	56	7.92	12-Φ32	△	
8"	737	740	797	201	470	393.5	305	64	7.92	12-Φ39	△	
10"	838	841	838	252	545	470	362	70	7.92	16-Φ39	△	
12"	965	968	965	303	610	533.5	419	79.5	7.92	20-Φ39	△	
14"	1029	1038	1029	322	640	559	467	86	11.13	20-Φ42	△	
16"	1130	1140	1130	373	705	616	524	89	11.13	20-Φ45	△	
18"	1219	1232	1219	423	785	686	594	102	12.7	20-Φ51	△	
20"	1321	1334	1321	471	855	749.5	648	108	12.7	20-Φ54	△	



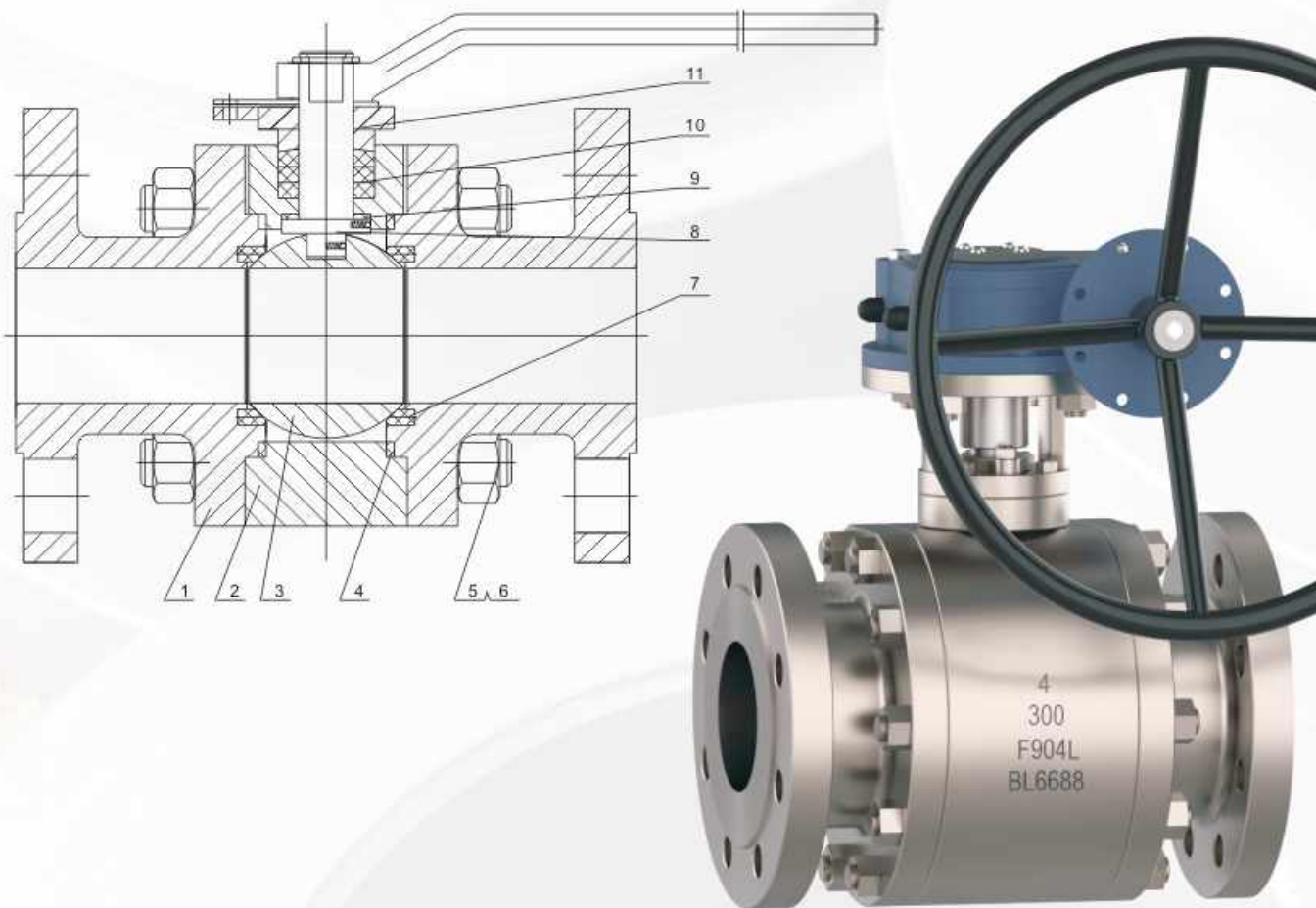
部件材料 Materials of Parts

序号 No	部件名称 Part Name	材料 Material		
		SS316	ALLOY 20	254SMO
1	阀体Body	B367 Gr.C-2	A351 CN7M	A351 CK3MCuN
2	阀座圈Seat ring	PTFE	PTFE	PTFE
3	球体Ball	B381 Gr.F-2	B462 N08020	A182 F44
4	垫片Gasket	钛Titanium+石墨Graphite	Alloy20+石墨Graphite	254SMO+石墨Graphite
5	螺栓Bonnet bolt	A193 B8M	A193 B8M	A193 B8M
6	螺母Bonnet Nut	A194 8M	A194 8M	A194 8M
7	阀盖Bonnet	B381 Gr.C-2	A351 CN7M	A351 CK3MCuN
8	阀杆Stem	B381 Gr.F-2	B462 N08020	A182 F44
9	密封圈Sealing Ring	PTFE	TPFE	TPFE
10	球体Ball	B381 Gr.F-2	B462 N08020	A182 F44
11	弹簧Spring	Inconel X750	Inconel X750	Inconel X750
12	填料Packing	PTFE/石墨Graphite	PTFE/石墨Graphite	PTFE/石墨Graphite
13	压盖Gland Bushing	B348 Gr.2	B462 N08020	A182 F44
14	压盖法兰Gland flange	A351 CF8M	A351 CF8M	A351 CF8M



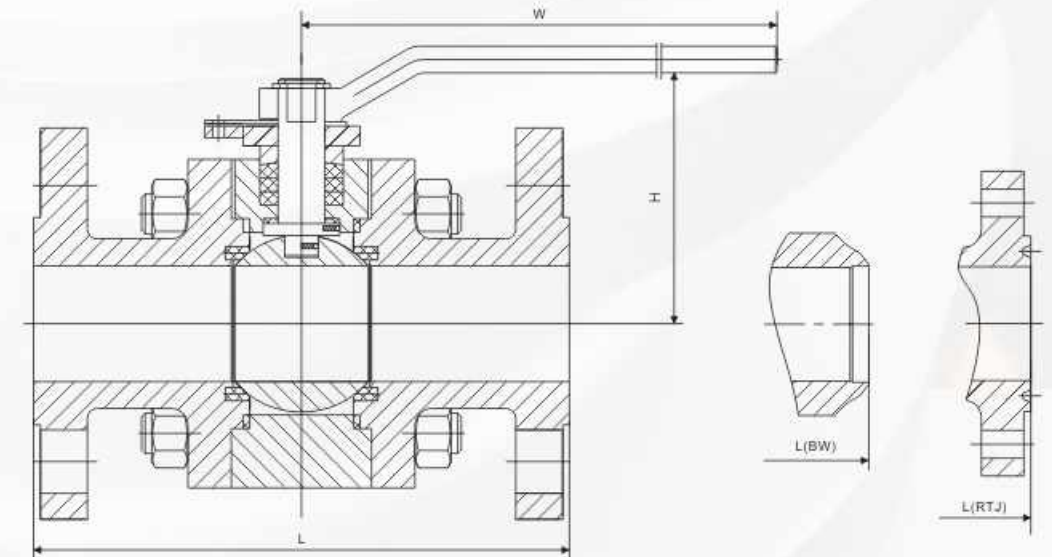
尺寸 Dimensions

口径 Size	1/2	3/4	1	1 1/2	2	2 1/2	3	4	6	8	10	12	in mm
Class 150													
L(RF)	4.25 108	4.62 117	5.00 127	6.50 165	7.00 178	7.50 190	8.00 203	9.00 229	15.50 394	18.00 457	21.00 533	24.00 610	in mm
L(BW)	5.50 140	6.00 152	6.50 165	7.50 190	8.50 216	9.50 241	11.12 283	12.00 305	18.00 457	20.50 521	22.00 559	25.00 635	in mm
H	2.12 55	2.12 55	2.75 70	3.50 90	4.12 105	6.12 155	7.25 185	8.00 205	10.00 255	11.00 280	13.50 345	16.50 420	in mm
W	5 130	5 130	6 160	8 200	14 350	16 400	20 500	20 500	24 600	32 800	32 800	32 800	in mm
重量(kg) Weight	2.3 1.8	3 2.8	4.5 3.7	7 6.2	9.5 8.5	15 14	19 21	33 35	93 98	160 170	200 225	280 295	RF BW
Class 300													
L(RF)	5.50 140	6.00 152	6.50 165	7.50 190	8.50 216	9.50 241	11.12 283	12.00 305	15.88 403	19.75 502	22.38 568	25.50 648	in mm
L(BW)	5.50 140	6.00 152	6.50 165	7.50 190	8.50 216	9.50 241	11.12 283	12.00 305	18.00 457	20.50 521	22.00 559	25.00 635	in mm
H	2.12 55	2.12 55	2.75 70	3.50 90	4.12 105	6.12 153	7.25 187	8.00 206	10.00 255	11.00 280	13.50 345	16.50 420	in mm
W	5 130	5 130	6 160	8 200	14 350	16 400	20 500	20 500	24 600	32 800	32 800	32 800	in mm
重量(kg) Weight	2.5 1.8	3.5 2	5.5 3.2	10.5 5.5	14.5 8.7	23.5 15	30 18	55 36	118 85	200 152	250 182	330 232	RF BW
Class 600													
L	6.50	7.50	8.50	9.50	11.50	13.00	14.00	17.00	22.00	-	-	-	in
(RF/BW)	165	190	216	241	292	330	356	432	559	-	-	-	mm
L(RTJ)	-	-	-	-	11.62	13.12	14.12	17.12	22.12	-	-	-	in
	-	-	-	-	295	333	359	435	562	-	-	-	mm
H	2.38 61.5	2.38 61.5	3.00 78	4.00 101	4.75 120	6.88 174	8.38 212	9.25 234	11.38 289	-	-	-	in mm
W	5 130	6 160	8 200	14 350	16 400	20 500	24 600	24 600	32 800	-	-	-	in mm
重量(kg) Weight	3.3 2.6	4.5 3.1	7.2 4.8	13.5 8	19 3	31 22	39 27	71 53	153 120	-	-	-	RF BW



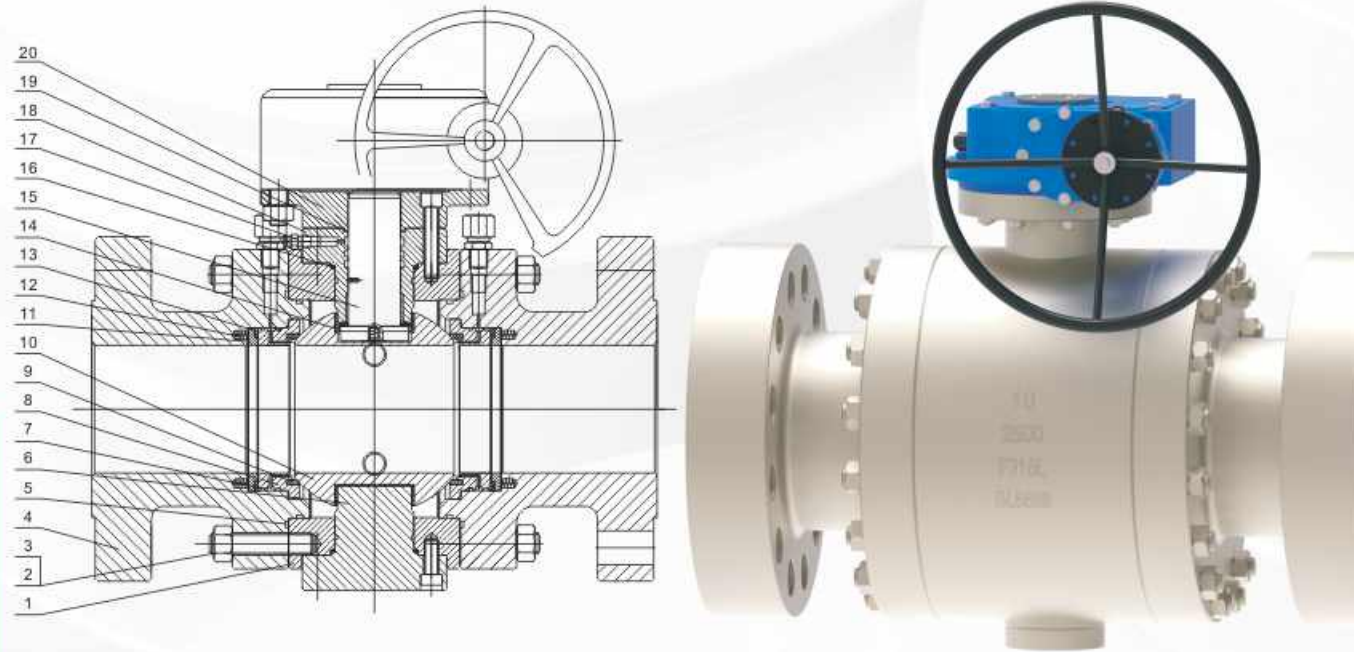
部件材料 Materials of Parts

序号 No	部件名称 Part Name	材料 Material		
		SS316	镍Nickel200	Incoloy 825
1	阀盖 Bonnet	F904L	B564 N02200	B564 N08825
2	阀体 Body	F904L	B564 N02200	B564 N08825
3	球体 Ball	F904L	B564 N02200	B564 N08825
4	垫片 Gasket	904L+石墨Graphite	镍Nickel200+石墨Graphite	镍基Incoloy 825+石墨Graphite
5	螺栓 Bonnet bolt	A193 B8M	A193 B8M	A193 B8M
6	螺母 Bonnet Nut	A194 8M	A194 8M	A194 8M
7	阀座圈 Seat ring	PTFE	PTFE	PTFE
8	阀杆 Stem	F904L	B564 N02200	B564 N08825
9	密封圈 Sealing Ring	PTFE	TPFE	TPFE
10	填料 Packing	PTFE/石墨Graphite	PTFE/石墨Graphite	PTFE/石墨Graphite
11	压盖法兰 Gland flange	A182 F316	A182 F316	A182 F316



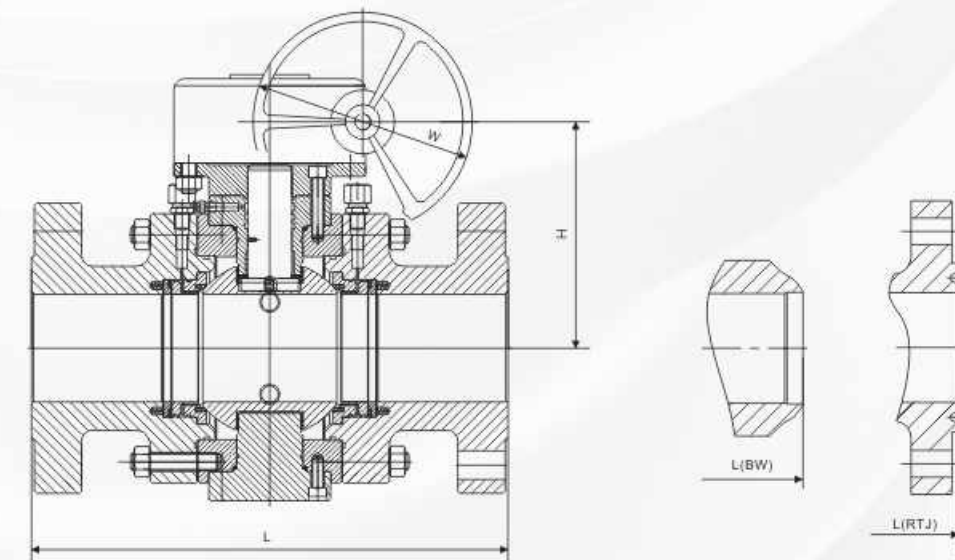
尺寸 Dimensions

口径 Size	1/2	3/4	1	1 1/2	2	2 1/2	3	4	6	8	10	12	in mm
Class 150													
L(RF)	4.25 108	4.62 117	5.00 127	6.50 165	7.00 178	7.50 190	8.00 203	9.00 229	15.50 394	18.00 457	21.00 533	24.00 610	in mm
L(BW)	5.50 140	6.00 152	6.50 165	7.50 190	8.50 216	9.50 241	11.12 283	12.00 305	18.00 457	20.50 521	22.00 559	25.00 635	in mm
H	2.12 55	2.12 55	2.50 65	3.38 85	4.00 100	6.00 150	7.00 180	9.25 235	9.88 250	11.00 280	12.62 320	15.38 390	in mm
W	8 200	8 200	12 300	12 300	166 400	16 400	24 600	24 600	24 600	24 600	32 800	32 800	in mm
重量(kg) Weight	3.1 2.6	4.1 3.9	6 5.2	9.5 8.7	12.8 11.8	20 19	26 28	45 47	126 131	216 226	270 295	378 393	RF BW
Class 300													
L(RF)	5.50 140	6.00 152	6.50 165	7.50 190	8.50 216	9.50 241	11.12 283	12.00 305	15.88 403	19.75 502	22.38 568	25.50 648	in mm
L(BW)	5.50 140	6.00 152	6.50 165	7.50 190	8.50 216	9.50 241	11.12 283	12.00 305	18.00 457	20.50 521	22.00 559	25.00 635	in mm
H	2.12 55	2.12 55	2.50 65	3.38 85	16.00 400	16.00 400	24.00 600	24.00 600	9.88 250	11.00 280	12.62 320	15.38 390	in mm
W	8 200	8 200	12 300	12 300	10 250	12 300	14 350	19 480	24 600	24 600	32 800	32 800	in mm
重量(kg) Weight	3.5 2.8	4.6 3.1	6.7 4.4	10.5 5.5	14.5 8.7	22 13.5	29 17	50 31	141 108	242 194	302 234	423 325	RF BW
Class 600													
L	6.50	7.50	8.50	9.50	11.50	13.00	14.00	17.00	22.00	-	-	-	in
(RF/BW)	165	190	216	241	292	330	356	432	559	-	-	-	mm
L(RTJ)	-	-	-	-	11.62	13.12	14.12	17.12	22.12	-	-	-	in
	-	-	-	-	295	333	359	435	562	-	-	-	mm
H	2.25 58	2.25 58	2.62 68	3.50 89	4.12 105	6.25 158	7.50 190	9.75 247	10.38 262	-	-	-	in mm
W	8 200	12 300	12 300	16 400	16 400	24 600	24 600	24 600	32 800	-	-	-	in mm
重量(kg) Weight	4.5 3.8	5.5 4.1	8 5.6	12.5 7	18 12	27 18	35 23	61 43	172 139	-	-	-	RF BW



部件材料 Materials of Parts

序号 No	部件名称 Part Name	材料 Material		
		SS316	双相钢S31803	锆Zirconium 702
1	阀体Body	A182 F316L	A182 F51	A493 R607020
2	螺栓Bolt	A193 B8M	A193 B8M	A193 B8M
3	螺母Nut	A194 8M	A194 8M	A194 8M
4	阀盖Bonnet	A182 F316L	A182 F51	A493 R607020
5	垫片Gasket	SS316+石墨Graphite	双相钢S31803+石墨Graphite	锆Zirconium 702+石墨Graphite
6	阀杆Stem	A182 F316L	A182 F51	A493 R607020
7	O型圈O-ring	FKM	FKM	FKM
8	阀座Seat	A182 F316L	A182 F51	A493 R607020
9	阀座镶嵌件Seat Insert	PTFE	PTFE	PTFE
10	球体Ball	A182 F316L+STL	A182 F51+STL	A493 R607020+STL
11	弹簧座Block	A182 F316L	A182 F51	A493 R607020
12	弹簧Spring	S.S	Inconel X750	Inconel X750
13	垫片Gasket	石墨Graphite	石墨Graphite	石墨Graphite
14	轴承Bearing	PTFE	PTFE	PTFE
15	阀杆Stem	A182 F316L	A182 F51	A493 R607020
16	O型圈O-ring	FKM	FKM	FKM
17	注入塞Inject plug	S.S	SS	SS
18	填料箱Stuff Box	A182 F316L	A182 F51	A493 R607020
19	填料Packing	石墨Graphite	石墨Graphite	石墨Graphite
20	压盖法兰Plate	A182 F316L	A182 F316L	A182 F316L



尺寸 Dimensions

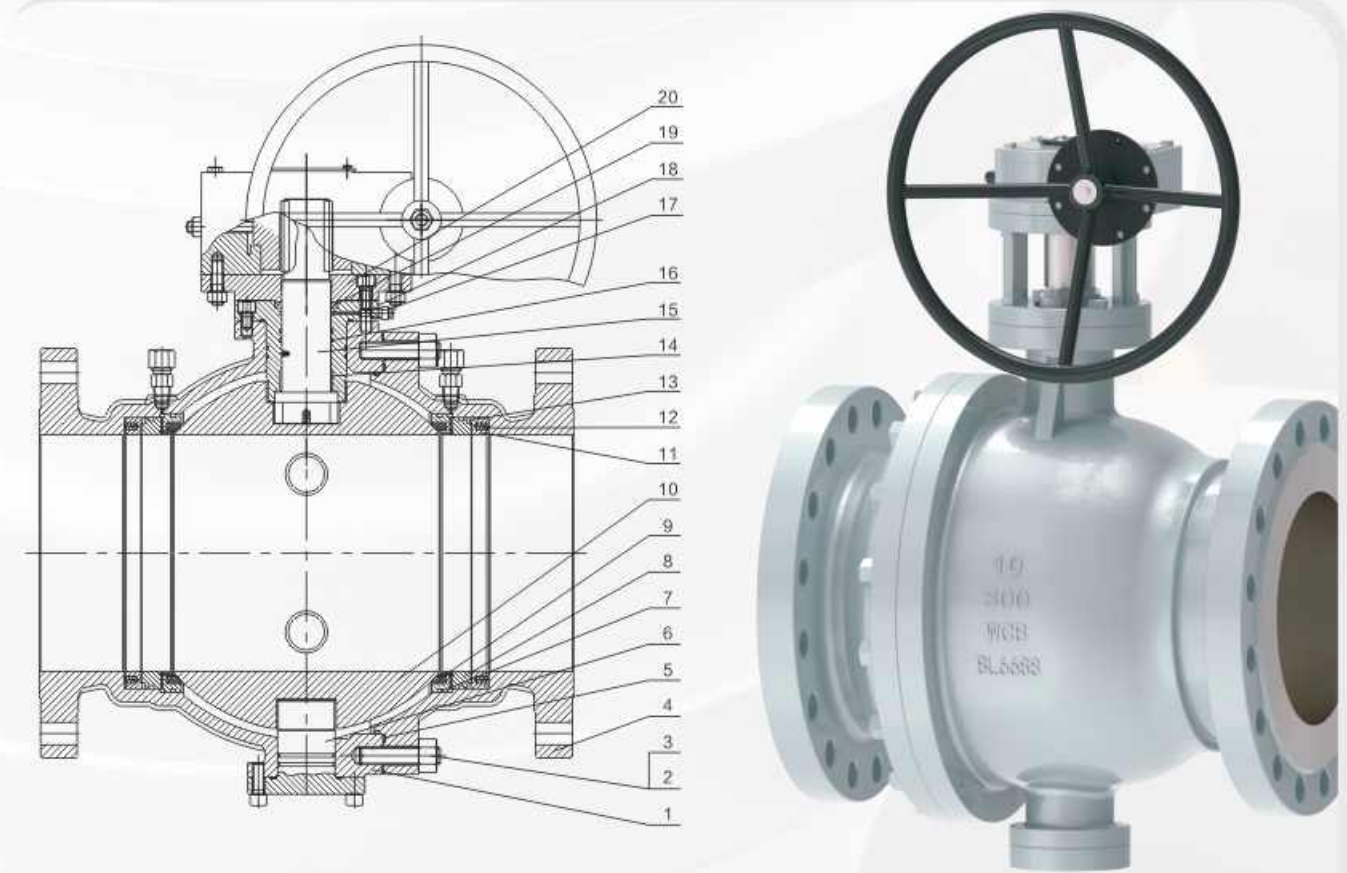
口径Size	2	2½	3	4	6	8	10	12	14	16	18	20	24	26	28	30	32	36	in mm
Class 150																			
L(RF)	7.00	7.50	8.00	9.00	15.50	18.00	21.00	24.00	27.00	30.00	34.00	36.00	42.00	45.00	49.00	51.00	54.00	60.00	in
	178	190	203	229	394	457	533	610	686	762	864	914	1067	1143	1245	1295	1372	1524	mm
L(BW)	8.50	9.50	11.12	12.00	18.00	20.50	22.00	25.00	30.00	33.00	36.00	39.00	45.00	49.00	53.00	55.00	60.00	68.00	in
	216	241	283	305	457	521	559	635	762	838	914	991	1143	1245	1346	1397	1524	1727	mm
H	4.00	6.00	7.00	9.25	9.88	11.00	12.62	15.38	16.50	21.88	23.62	25.00	28.00	29.50	31.50	34.00	36.00	38.50	in
	120	150	180	235	250	280	320	390	420	555	600	635	710	750	800	865	915	980	mm
W	16	16	24	24	24	24	32	32	32	32	32	32	32	40	40	40	40	40	in
	400	400	600	600	600	600	800	800	800	800	800	800	800	1000	1000	1000	1000	1000	mm
重量(kg)	28	35	55	80	190	290	445	570	780	1520	2300	2500	3950	4890	6300	7100	8950	13500	RF
Weight	25	28	49	71	182	277	553	553	747	1481	2266	2460	3904	4939	6362	8149	9000	13570	BW
Class 300																			
L(RF)	8.50	9.50	11.12	12.00	15.88	19.75	22.38	25.50	30.00	33.00	36.00	39.00	45.00	49.00	53.00	55.00	60.00	-	in
	216	241	283	305	403	502	568	648	762	838	914	991	1143	1245	1346	1397	1524	-	mm
L(BW)	8.50	9.50	11.12	12.00	18.00	20.50	22.00	25.00	30.00	33.00	36.00	39.00	45.00	49.00	53.00	55.00	60.00	-	in
	216	241	283	305	403	521	559	635	762	838	914	991	1143	1245	1346	1397	1524	-	mm
H	4.00	6.00	7.00	9.25	9.88	11.00	12.62	15.38	16.50	21.88	23.62	25.00	28.00	29.50	31.50	34.00	36.00	-	in
	120	150	180	235	250	280	320	390	420	555	600	635	710	750	800	865	915	-	mm
W	16	16	24	24	24	24	32	32	32	32	32	32	32	40	40	40	40	-	in
	400	400	600	600	600	600	800	800	800	800	800	800	800	1000	1000	1000	1000	-	mm
重量(kg)	30	40	60	90	200	325	490	690	900	1810	2620	2860	4430	5430	6810	7655	9590	-	RF
Weight	24	31	49	72	169	280	424	59	872	1665	2440	2635	4075	4880	6225	7115	9230	-	BW

尺寸 Dimensions

口径Size	2	2½	3	4	6	8	10	12	14	16	18	20	24	26	28	in mm
Class 600																
L	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00	35.00	39.00	43.00	47.00	55.00	57.00	61.00	in
(RF/BW)	292	330	356	432	559	660	787	838	889	991	1092	1194	1397	1448	1549	mm
L(RTJ)	11.62	13.12	14.12	17.12	22.12	26.12	31.12	33.12	35.12	39.12	43.12	47.25	55.38	57.50	61.50	in
	295	333	359	435	562	664	791	841	892	994	1095	1200	1407	1461	1562	mm
H	6.50	7.00	7.88	11.00	12.25	14.00	16.12	18.00	19.25	21.00	24.88	25.62	30.12	31.88	34.62	in
	165	180	200	280	310	355	410	455	490	535	630	650	765	810	880	mm
W	16	24	24	24	32	32	32	32	32	32	40	40	40	40	40	in
	400	600	600	600	800	800	800	800	800	800	1000	1000	1000	1000	1000	mm
重量(kg) Weight	34	53	65	125	245	505	640	910	1380	2250	3400	3850	4900	6700	8300	RF
	27	43	49	95	188	418	495	740	1185	1960	3050	3406	4275	6025	7590	BW

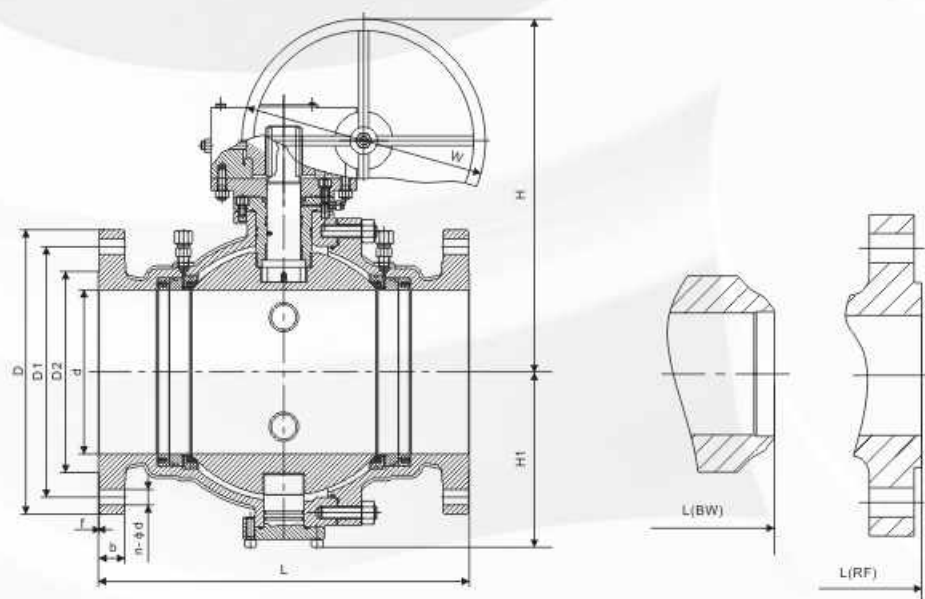
尺寸 Dimensions

口径 Size	2	2½	3	4	6	8	10	12	14	16	18	20	24	in mm
Class 900														
L/L1 (RF/BW)	14.50 368	16.50 419	15.00 381	18.00 457	24.00 610	29.00 737	33.00 965	38.00 965	40.50 1029	44.50 1130	48.00 1219	52.00 1321	61.00 1549	in mm
L2 (RTJ)	14.62 371	16.62 422	15.12 384	18.12 460	24.12 613	29.12 740	38.12 968	38.12 968	40.88 1038	44.88 1140	48.50 1232	52.50 1334	61.75 1568	in mm
H	6.72 170	7.50 190	8.25 210	11.38 290	12.62 320	15.38 390	18.50 470	18.50 470	20.88 530	24.00 610	26.00 660	27.50 700	30.75 780	in mm
W	24 600	24 600	24 600	32 800	32 800	32 800	32 800	32 500	32 800	40 1000	40 1000	40 1000	40 1000	in mm
重量(kg) Weight	45 37	65 53	73 56	135 98	360 291	650 545	1350 1145	1350 1145	1890 1650	3100 2750	4300 3875	4950 4410	7100 6485	RF/RTJ BW
Class 1500														
L/L1 (RF/BW)	14.50 368	16.50 419	18.50 470	21.50 546	27.75 705	32.75 832	39.00 991	44.50 1130	49.50 1257	54.50 1384	- -	- -	- -	in mm
L2 (RTJ)	14.62 371	16.62 422	18.62 473	21.62 549	28.00 711	33.12 841	39.38 1000	45.12 1146	50.25 1276	55.38 1407	- -	- -	- -	in mm
H	6.75 170	7.50 190	5.25 210	11.38 290	13.00 330	15.75 400	17.38 440	22.00 560	25.25 640	27.12 690	- -	- -	- -	in mm
W	24 600	24 600	32 800	32 800	32 800	32 800	32 800	40 1000	40 1000	40 1000	- -	- -	- -	in mm
重量(kg) Weight	55 40	75 55	95 65	150 115	540 420	880 685	1360 1025	1980 1555	3100 2600	4650 3930	- -	- -	- -	RF/RTJ BW
Class 2500														
L/L1 (RF/BW)	17.75 451	20.00 508	22.75 578	26.50 673	36.00 914	40.25 1022	50.00 1270	56.00 1422	- -	- -	- -	- -	- -	in mm
L2 (RTJ)	17.88 454	21.25 540	23.00 584	26.88 683	36.50 927	40.88 1038	50.88 1292	56.88 1445	- -	- -	- -	- -	- -	in mm
H	7.50 190	9.00 230	11.00 280	14.12 360	15.75 400	18.88 480	20.50 520	26.38 670	- -	- -	- -	- -	- -	in mm
W	24 600	32 800	32 800	32 800	32 800	40 1000	40 1000	40 1000	- -	- -	- -	- -	- -	in mm
重量(kg) Weight	68 57	95 74	120 91	185 122	675 555	1100 918	1650 1355	2300 1950	- -	- -	- -	- -	- -	RF/RTJ BW



部件材料 Materials of Parts

序号 No	部件名称 Part Name	材料 Material		
		SS316	Inconel 625	Titanium TA2
1	阀体Body	A216 WCB	A494 CW6MC	GB/T6614 ZTA2
2	螺栓Bolt	A193 B7	A193 B8M	A193 B8M
3	螺母Nut	A194 2H	A194 8M	A194 8M
4	阀盖Bonnet	A216 WCB3	A494 CW6MC	GB/T6614 ZTA2
5	垫片Gasket	S. S+石墨Graphite	英科耐尔Inconel 625+石墨Graphite	钛Titanium+石墨Graphite
6	固定轴Fixed shaft	A105	B564 N06625	GB/T25137 F-2
7	O型圈O-ring	Viton	FKM	FKM
8	阀座Seat	A105	B564 N06625	GB/T25137 F-2
9	阀座镶嵌件Seat Insert	PTFE	PTFE	PTFE
10	球体Ball	A105+ENP	B564 N06625	GB/T25137 F-2
11	弹簧座Block	A105	B564 N06625	GB/T25137 F-2
12	弹簧Spring	S. S	Inconel X750	Inconel X750
13	垫片Gasket	石墨Graphite	石墨Graphite	石墨Graphite
14	轴承Bearing	PTFE	PTFE	PTFE
15	阀杆Stem	A276 420	B408 N08800	GB/T2965 TA2
16	O型圈O-ring	Viton	FKM	FKM
17	注入塞Inject plug	C. X	SS	SS
18	填料箱Stuff box	A105	B564 N06625	GB/T25137 F-2
19	填料Packing	石墨Graphite	石墨Graphite	石墨Graphite
20	压盖法兰盘Plate	A216 WCB	A182 F316L	A182 F316L



尺寸 Dimensions

口径 Size	尺寸 Dimensions(mm)												重量 Weight (kg)
	L		d	D	D1	D2	b	f	N-Φd	H	H1	W	
	RF	BW											
Class 150													
4	229	305	102	229	190.5	157	24	1.6	8-19	330	135	300	60
5	356	381	127	254	216	186	24	1.6	8-22	360	165	300	80
6	394	457	152	279	241.5	216	25.5	1.6	8-22	392	193	300	101
8	457	521	203	343	298.5	270	29	1.6	8-22	492	240	300	166
10	533	559	254	406	362	324	31	1.6	12-25	548	293	300	283
12	610	635	305	483	432	381	32	1.6	12-25	688	340	400	463
14	686	762	337	533	476	413	35	1.6	12-29	722	372	400	622
16	762	838	387	597	540	470	37	1.6	16-29	722	415	400	900
18	864	914	438	635	578	533	40	1.6	19-32	804	462	500	1150
20	914	991	489	699	635	584	43	1.6	20-32	952	511	600	1360
24	1067	1143	591	813	749.5	692	48	1.6	20-35	1154	604	750	2514
26	1143	1245	633	786	744.5	711	40	1.6	36-22	1300	700	750	3200
28	1245	1346	684	837	795.4	762	43	1.6	40-22	1550	780	750	4000
30	1295	1397	735	887	846	813	43	1.6	44-22	1650	830	750	4800
32	1372	1524	779	941	900	864	44	1.6	48-22	1740	870	750	5800
36	1524	1727	874	1057	1009.5	972	51	1.6	44-26	1950	970	750	8000
Class 300													
4	305	305	102	254	200	157	32	1.6	8-22	340	140	300	70
5	381	381	127	279	235	186	35	1.6	8-22	370	170	300	95
6	403	457	152	318	270	216	37	1.6	12-22	402	192	300	128
8	502	521	203	381	330	270	41.5	1.6	12-25	498	246	300	234
10	568	559	254	445	387.5	324	48	1.6	16-29	655	303	400	403
12	648	635	305	521	415	381	51	1.6	16-32	658	348	400	602
14	762	762	337	584	514.5	413	54	1.6	20-32	686	378	400	803
16	838	838	387	648	571.5	470	58	1.6	20-35	880	429	600	1273
18	914	914	438	711	628.5	533	61	1.6	24-35	1050	518	750	1450
20	991	991	489	775	686	584	64	1.6	24-35	1110	540	750	1700
24	1143	1143	591	914	813	692	70	1.6	24-41	1400	650	750	3100
26	1245	1245	633	867	803.5	737	87	1.6	32-35.5	1500	750	750	4500
28	1346	1346	684	921	857	787	87	1.6	36-35.5	1600	800	750	6000
30	1397	1397	735	991	921	845	92	1.6	36-39	1720	860	750	7500
32	1524	1524	779	1054	978	902	102	1.6	32-42	1800	900	750	9000
36	1727	1727	874	1172	1089	1010	102	1.6	32-45	2200	1020	800	12000

尺寸 Dimensions

口径 Size	尺寸 Dimensions(mm)													重量 Weight (kg)
	L			d	D	D1	D2	b	f	N-Φd	H	H1	W	
	RF	RTJ	BW											
Class 600														
2	292	295	292	49	165	127	92	26	6.4	8-19	240	94	300	32
21/2	330	333	330	62	190	149	105	29	6.4	8-22	290	115	300	47
3	356	359	356	74	210	168	127	32	6.4	8-22	340	136	300	68
4	432	435	432	100	273	216	157	38	6.4	8-25	358	152	300	106
5	508	511	508	127	330	266.5	186	45	6.4	8-29	400	180	300	170
6	559	562	559	150	356	292	216	48	6.4	12-29	445	209	400	241
8	660	664	660	201	419	349	270	56	6.4	12-32	498	263	400	444
10	787	791	787	252	508	432	324	64	6.4	16-35	653	312	400	668
12	838	841	838	303	559	489	381	67	6.4	20-35	665	354	500	1050
14	889	892	889	334	603	527	413	70	6.4	20-38	738	389	600	1317
16	991	994	991	385	686	603	470	77	6.4	20-41	920	440	750	1800
18	1092	1095	1092	436	741	654	533	83	6.4	20-44	1100	530	750	2400
20	1194	1200	1194	487	813	724	574	89	6.4	24-44	1200	560	750	3000
24	1397	1407	1397	538	940	838	692	102	6.4	24-52	1480	670	750	5400
Class 900														
2	368	371	368	49	216	165.1	92	38.5	6.4	8-26	250	98	300	45
21/2	419	422	419	62	244	190.5	105	41.5	6.4	8-29	300	120	300	55
3	381	384	381	74	241	190.5	127	38.5	6.4	8-26	345	140	300	94
4	457	460	457	100	292	234.9	157	44.5	6.4	8-32	415	162	300	141
5	559	562	559	125	349	279.4	186	51	6.4	8-35	446	188	300	230
6	610	613	610	150	381	317.5	216	56	6.4	12-32	477	213	400	325
8	737	740	737	201	470	393.7	270	63.5	6.4	12-39	520	270	400	580
10	838	841	838	252	545	469.9	324	70	6.4	16-39	628	322	400	850
12	965	968	965	305	610	533.4	381	79.5	6.4	20-39	680	360	500	1330
14	1029	1038	1029	322	640	558.8	413	86	6.4	20-42	750	400	600	1660
16	1130	1140	1130	373	705	615.9	470	89	6.4	20-45	940	460	750	2280
Class 1500														
11/2	305	305	305	38	178	123.8	73	32	6.4	4-29	280	100	300	44
2	368	371	368	49	216	165.1	92	38.5	6.4	8-26	320	113	300	67
21/2	419	422	419	62	244	190.5	105	41.5	6.4	8-29	340	125	300	80
3	470	473	470	74	267	203.2	127	48	6.4	8-32	385	138	300	130
4	546	549	546	100	311	241.3	157	54	6.4	8-35	415	171	300	192
5	673	676	673	120	375	292.1	186	73.5	6.4	8-42	480	200	400	335
6	705	711	705	144	394	317.5	216	83	6.4	12-39	580	222	400	475
8	832	841	832	192	483	393.7	270	92	6.4	12-45	584	280	400	820
10	991	1000	991	239	585	482.6	324	105	6.4	12-54	650	340	500	1320
12	1130	1146	1130	287	675	571.5	381	124	6.4	16-54	700	370	600	2050
Class 2500														
11/2	384	387	384	38	203	146	73	44.5	6.4	4-32	290	105	300	72
2	451	454	451	42	235	171.4	92	51	6.4	8-29	320	120	300	104
21/2	508	514	508	52	267	196.8	105	57.5	6.4	8-32	350	130	300	140
3	578	584	578	62	305	228.6	127	67	6.4	8-35	400	150	300	202
4	673	683	673	87	356	273	157	76.5	6.4	8-42	425	180	400	305
5	794	807	794	100	419	323.8	186	92.5	6.4	8-48	500	210	400	530
6	914	927	914	131	483	368.3	216	108	6.4	8-54	590	230	500	760
8	1022	1038	1022	179	550	438.1	270	127	6.4	12-54	610	290	500	1200
10	1270	1292	1270	223	675	539.7	324	165.5	6.4	12-67	660	350	600	2080

BOLON FLUID CONTROL (ZHEJIANG) CO., LTD.

李朗流体控制（浙江）有限公司

多层次硬密封蝶阀 **MULTI LEVEL HARD SEAL BUTTERFLY VALVE**

金属硬密封蝶阀 **METAL TO METAL SEALED BUTTERFLY VALVE**

高性能蝶阀 **HIGH PERFORMANCE BUTTERFLY VALVE**

口径 Size: 1½" - 24" (40 - 600 mm)

压力 Pressure: ASME Class 150 - 2500LB

标准 Standard: API 609

材质 Materials: B367 Gr. C-2, A494 CY40, B752 702C,
A890/A995 4A, 904L, A216 WCB, A351 CF8, A351.CF3M

蝶阀系列 BUTTERFLY VALVE SERIES B



全金属密封蝶阀的特点

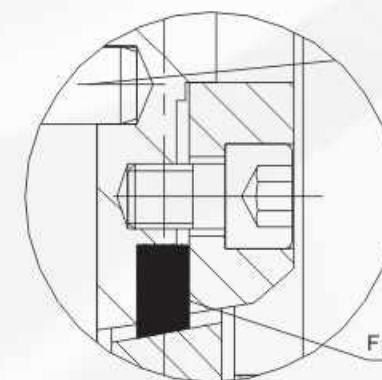
FEATURES OF FULL METAL SEALED BUTTERFLY VALVE

李朗 BOLON

产品特征 Features Of Product

- 防静电
- 防飞出阀杆
- V型填料密封
- 单向或双向密封
- 双偏移或三偏移结构
- 带ISO 5211顶部法兰的裸阀杆

- Anti-static
- Blow-out Proof Stem
- V-type Packing Seals
- Zero Leakage
- Uni-directional or Bi-directional Sealing
- Double Offset or Triple Offset Structure
- Bare Stem with ISO 5211 Top Flange



全金属密封圈
Full Metal Sealing Ring

设计特征 Design Features

全金属表面硬化处理阀座和密封圈的设计，在启闭频繁的情况下该阀门仍能保持高密封性能，避免了普通的多层次密封结构不耐冲刷的弊端，极大提高了阀门的使用寿命！

The design of the valve seat and sealing ring with all metal surface hardening treatment can maintain high sealing performance even in frequent opening and closing situations, avoiding the disadvantage of ordinary multi-level sealing structures that are not resistant to erosion and greatly improving the service life of the valve!

阀门始终保持优越的双向密封性能，其密封完全由驱动装置提供的扭矩实现密封。阀门在高、低压下均能可靠密封。密封性能检测结果符合API609、ISO5208等标准规定。

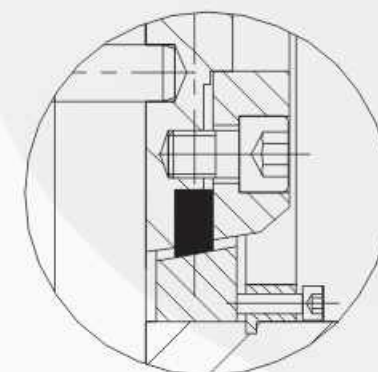
The valve always maintains superior bidirectional sealing performance, and the sealing of valve is completely achieved by the torque provided by the driving device. The valve can reliably seal under high and low pressure. The sealing performance test results comply with standards such as API609 and ISO5208.

全金属密封副结构，使阀门具有防火特性，测试结果符合API607的规定。

The all metal sealing secondary structure endows the valve with fire resistance characteristics, and the test results comply with the provisions of API607.

阀座和密封圈可更换设计，便于阀门现场维护保养。

Replaceable valve seat & sealing ring design is convenient for valve maintenance and upkeep.



可更换阀座和密封圈
Replaceable valve seat & sealing ring

组合式填料密封，确保阀门最大泄漏率≤20ppm。可选用动载密封结构，使填料持久密封，延长填料免维护周期。

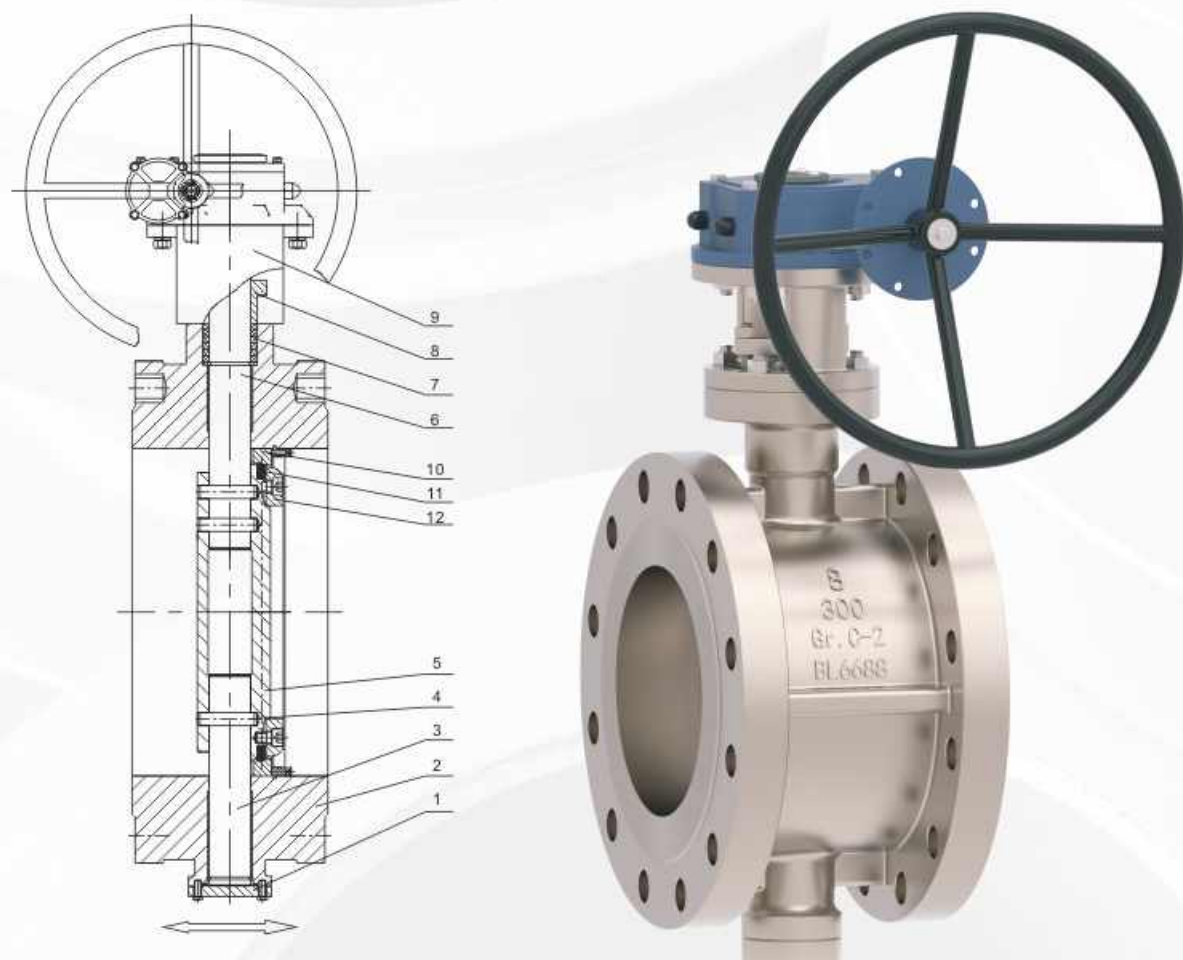
Combination packing seal ensures that the maximum leakage rate of the valve is ≤ 20ppm. Dynamic load sealing structure can be selected to ensure long-lasting sealing of the packing and extend the maintenance free cycle of the packing.

阀杆可设计成符合API609之规定的“防吹出”结构。

The valve stem can be designed as an "anti blow out" structure in accordance with API609 regulations.

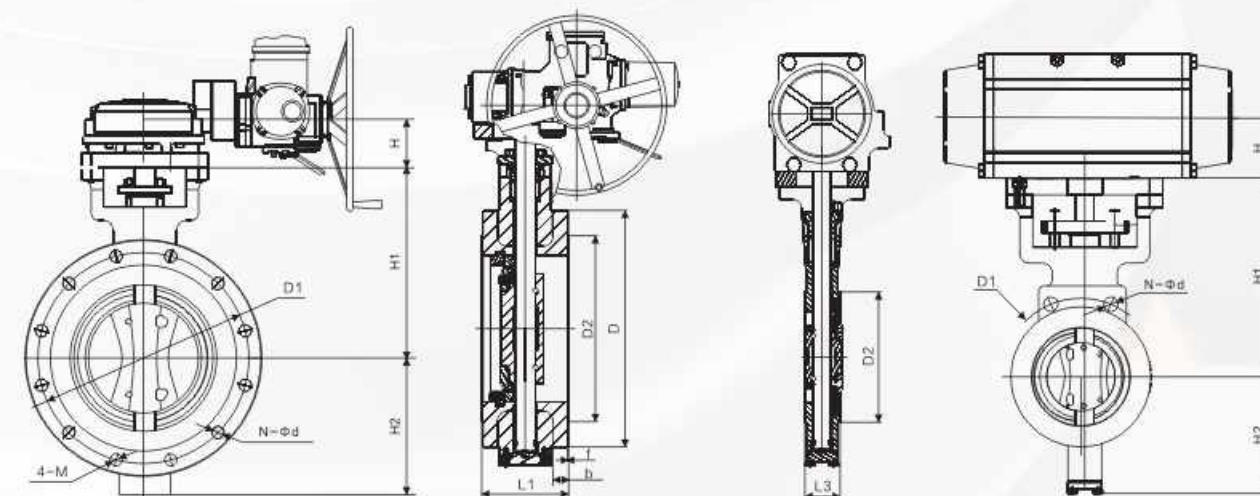
可根据产品的实际使用工况要求，对阀体阀板材料选型选材及密封结构的多种优化配置，以满足用户对产品性能的不同需求。

According to the actual operating conditions of the product, various optimized configurations of valve body and valve plate materials and sealing structures can be selected to meet the different performance requirements of users.



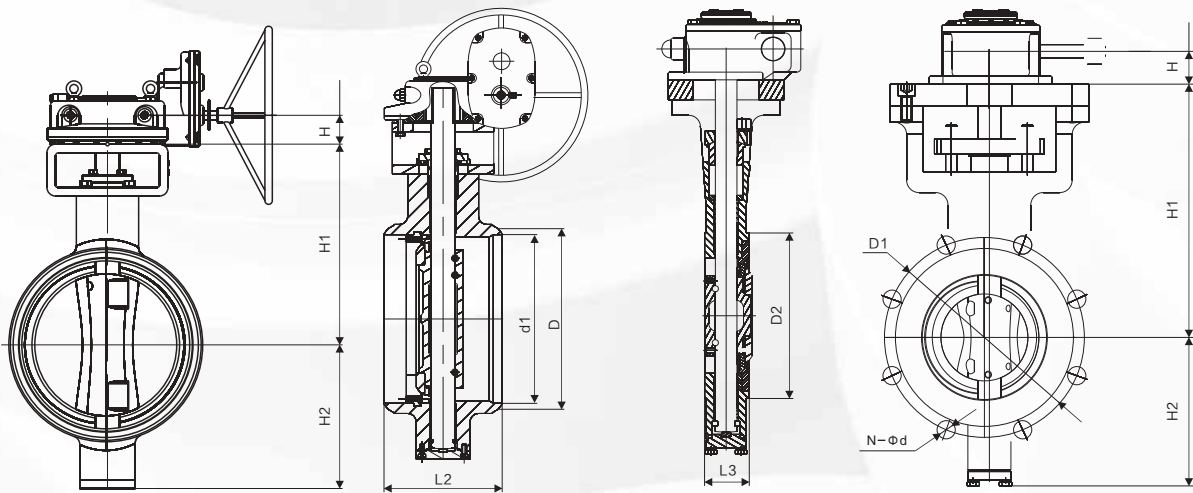
部件材料 Materials of Parts

序号 No	部件名称 Part Name	材料 Material		
		钛Titanium	锆Zirconium 705	WCB
1	底盖 Bottom Cover	B367 Gr. C-2	B752 705C	25
2	阀体 Body	B367 Gr. C-2	B752 705C	A216 WCB
3	下阀杆 Lower Stem	B381 Gr. F-2	A493 R60705	17-4PH
4	销 Pin	B348 Gr. 2	B550 R60705	304
5	蝶板 Disc	B367 Gr. C-2	B752 705C	CF8
6	上阀杆 Upper Stem	B381 Gr. F-2	A493 R60705	17-4PH
7	填料 Packing	石墨Graphite	石墨Graphite	石墨Graphite
8	压盖 Gland	B367 Gr. C-2	A493 R60705	A216 WCB
9	支架 Yoke	CS	CS	CS
10	阀座 Seat	钛Titanium	锆Zirconium	304+镀铬Chromium Plating
11	密封圈 Sealing Ring	钛Titanium	锆Zirconium	304+氮化Nitridation
12	压板 Pressure Plate	304	304	304



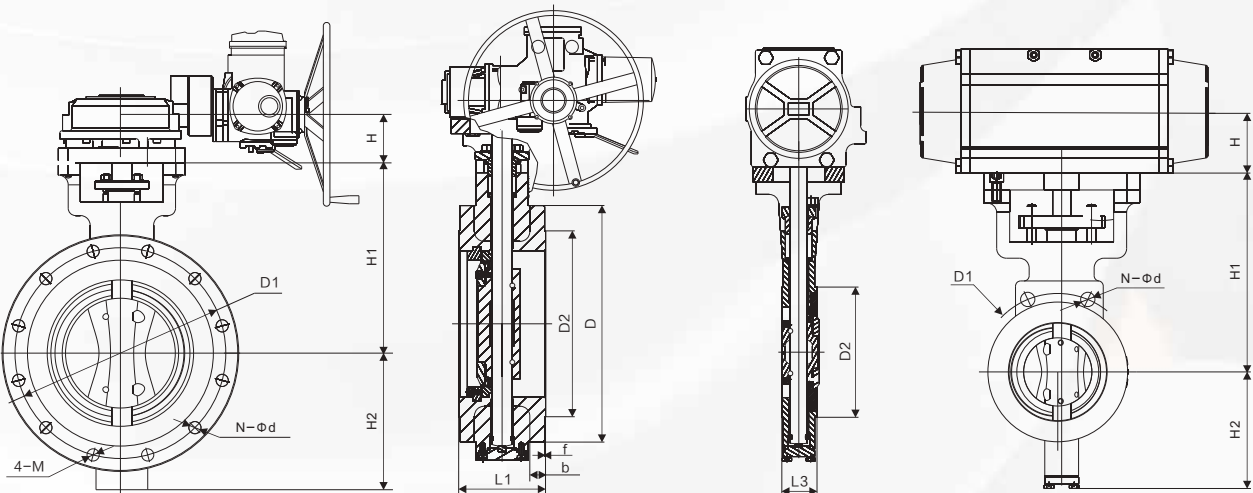
尺寸 Dimensions

口径Size		L1	L2	L3	D	D1	D2	b	f	N-φd	M	d1	H	H1	H2
in	mm	Class 150													
2"	DN50	108	150	43	150	120.7	92.1	17.5	2	4-φ19	5/8	52.5	206	104	25
3"	DN80	114	180	48	190	152.4	127	22.3	2	4-φ19	5/8	77.9	235	129	31
4"	DN100	127	190	54	230	190.5	157.2	22.3	2	4-φ19	5/8	102.3	258	142	37
5"	DN125	140	200	56	255	215.8	185.7	22.3	2	4-φ22	3/4	128.2	277	166	43
6"	DN150	140	210	57	280	241.3	215.9	23.9	2	4-φ22	3/4	154.1	290	179	49
8"	DN200	152	230	64	345	298.5	269.9	27	2	4-φ22	3/4	202.7	327	213	55
10"	DN250	165	250	71	05	362	323.8	28.6	2	8-φ26	7/8	254.5	356	251	61
12"	DN300	178	270	81	485	431.8	381	30.2	2	8-φ26	7/8	304.8	403	292	79
14"	DN350	190	290	92	535	476	412.8	33.4	2	8-φ29	1	336.6	454	332	94
16"	DN400	216	310	102	595	539.8	469.9	35	2	12-φ29	1	387.4	477	363	92
18"	DN450	222	330	114	635	577.9	533.4	38.1	2	12-φ32	11/8	434.9	531	384	104
20"	DN500	229	350	127	700	635	584.2	41.3	2	16-φ32	11/8	482.6	601	427	112
24"	DN600	267	390	154	815	749.3	692.2	46.1	2	16-φ35	11/4	581.1	658	490	125
28"	DN700	292	430	229	835	795.3	762	43	2	36-φ22	3/4	672.7	695	548	126
32"	DN800	318	470	241	940	900.1	864	44.6	2	44-φ22	3/4	770.7	825	667	130
36"	DN900	330	510	241	1055	1009.6	972	50.9	2	40-φ26	7/8	869.3	888	728	139
40"	DN1000	410	550	300	1175	1120.8	1080	54.1	2	40-φ30	1	967.3	982	787	182
48"	DN1200	470	630	360	1390	1335.1	1289	63.6	2	40-φ33	11/8	1164	1116	906	195



尺寸 Dimensions

口径Size		L1	L2	L3	D	D1	D2	b	f	N-φd	M	d1	H	H1	H2
in	mm	Class 300													
2"	DN50	150	150	43	165	120	92.1	20.7	2	4-φ19	5/8	52.5	147	130	27
3"	DN80	180	180	48	210	168.3	127	27	2	4-φ22	3/4	77.9	172	156	30
4"	DN100	190	190	54	255	200	157.2	30.2	2	4-φ22	3/4	102.3	208	177	29
5"	DN125	200	200	56	280	235	185.7	33.4	2	4-φ22	3/4	128.2	282	215	58
6"	DN150	210	210	59	320	269.9	215.9	35	2	8-φ22	3/4	154.1	283	216	57
8"	DN200	230	230	73	380	330.2	269.9	39.7	2	8-φ26	7/8	202.7	300	252	71
10"	DN250	250	250	83	445	387.4	323.8	46.1	2	12-φ29	1	254.5	341	293	70
12"	DN300	270	270	92	520	450.8	381	49.3	2	12-φ32	11/8	304.8	404	332	69
14"	DN350	290	290	117	585	514.4	412.8	52.4	2	16-φ32	11/8	336.6	426	363	68
16"	DN400	310	310	133	650	571.5	469.9	55.6	2	16-φ35	11/4	387.4	482	399	97
18"	DN450	330	330	148	710	628.6	533.4	58.8	2	20-φ35	11/4	434.9	546	430	99
20"	DN500	350	350	158	775	685.8	584.2	62	2	20-φ35	11/4	482.6	580	466	118
24"	DN600	390	390	181	915	812.8	692.2	68.3	2	40-φ42	11/2	581.1	650	547	117
28"	DN700	430	430	229	920	857.2	787	87.4	2	32-φ36	11/4	672.7	815	608	186
32"	DN800	470	470	241	1055	977.9	902	101.6	2	28-φ42	11/2	770.7	876	740	185
36"	DN900	510	510	241	1170	1089	1010	101.6	2	28-φ45	15/8	869.3	957	801	184
40"	DN1000	550	550	300	1275	1190.6	1114	114.3	2	36-φ45	15/8	967.3	928	772	183
48"	DN1200	630	630	360	1510	1416	1327	127	2	36-φ51	17/8	1164	1019	873	232



尺寸 Dimensions

口径Size		L1	L2	L3	D	D1	D2	b	f	N-φd	M	d1	H	H1	H2
in	mm	Class 600													
2"	DN50	150	150	43	165	127	92.1	25.4	7	4-φ19	5/8	52.5	185	137	43
3"	DN80	180	180	54	210	168.3	127	31.8	7	4-φ22	3/4	77.9	213	158	48
4"	DN100	190	190	64	275	215.9	157.2	38.1	7	4-φ26	7/8	102.3	220	194	49
5"	DN125	200	200	70	330	266.7	185.7	44.5	7	4-φ29	1	128.2	250	223	83
6"	DN150	210	210	78	355	292.1	215.9	47.7	7	8-φ29	1	154.1	318	239	87
8"	DN200	230	230	102	420	349.2	269.9	56.6	7	8-φ32	11/8	198.5	332	280	88
10"	DN250	250	250	117	510	431.8	323.8	63.5	7	12-φ35	11/4	247.7	394	326	89
12"	DN300	270	270	140	560	489	381	66.7	7	16-φ35	11/4	295.3	459	357	120
14"	DN350	290	290	155	605	527	412.8	69.9	7	16-φ39	13/8	325.4	470	381	121
16"	DN400	310	310	178	685	603.2	469.9	76.2	7	16-φ42	11/2	363.5	575	427	142
18"	DN450	330	330	200	745	654	533.4	82.6	7	16-φ45	15/8	409.5	625	468	143
20"	DN500	350	350	216	815	723.9	584.2	88.9	7	20-φ45	15/8	455.6	661	504	140
24"	DN600	390	390	232	940	838.2	692.2	101.6	7	20-φ52	17/8	547.7	747	569	190

BOLON FLUID CONTROL (ZHEJIANG) CO., LTD.

李朗流体控制（浙江）有限公司

软密封旋塞阀 **SOFT SEALED PLUG VALVES**

金属硬密封旋塞阀 **METAL SEALED PLUG VALVES**

口径 Size: 1/2" - 14" (15 - 350 mm)

压力 Pressure: ASME Class 150 - 900LB

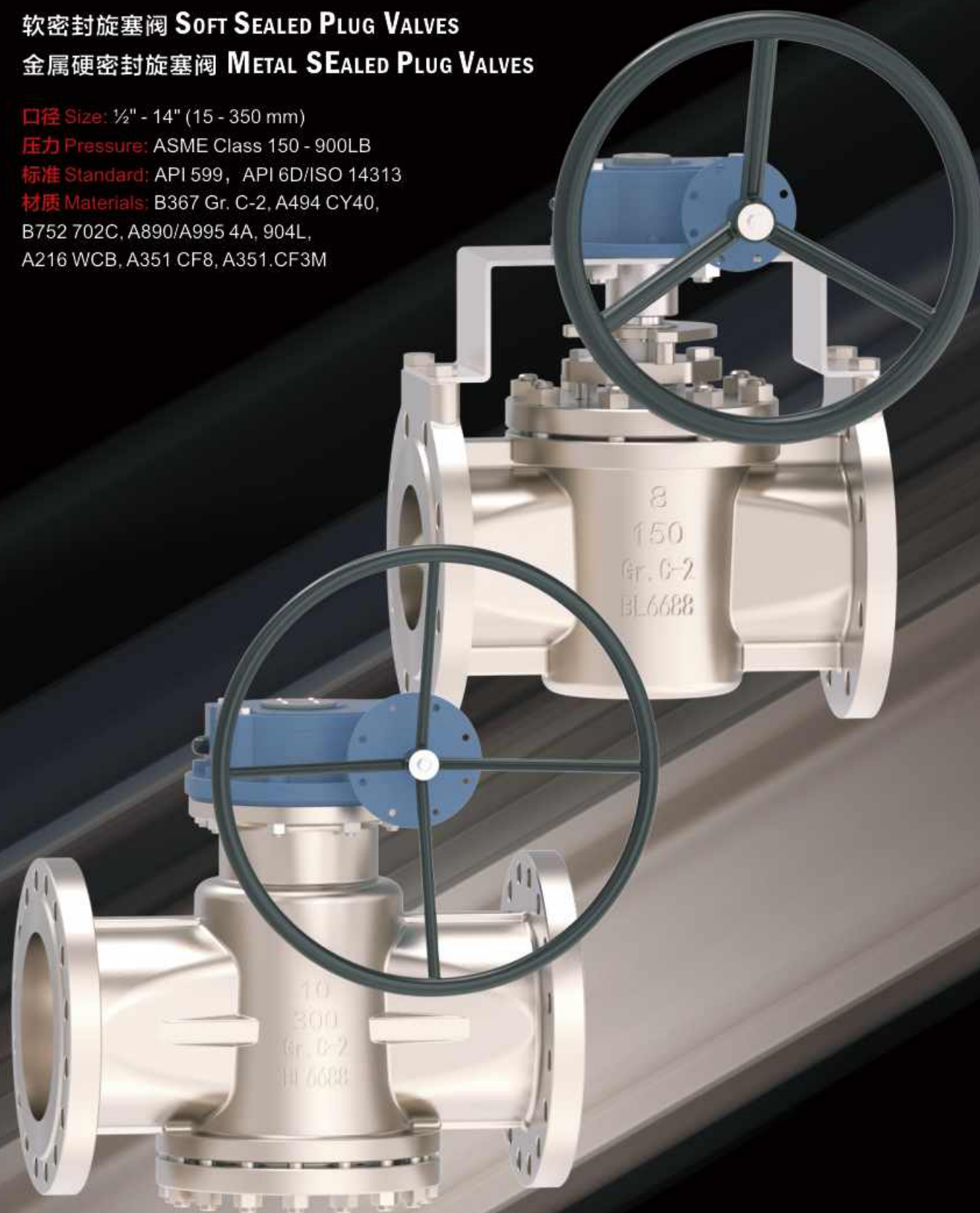
标准 Standard: API 599, API 6D/ISO 14313

材质 Materials: B367 Gr. C-2, A494 CY40,

B752 702C, A890/A995 4A, 904L,

A216 WCB, A351 CF8, A351.CF3M

旋塞阀系列 PLUG VALVE SERIES

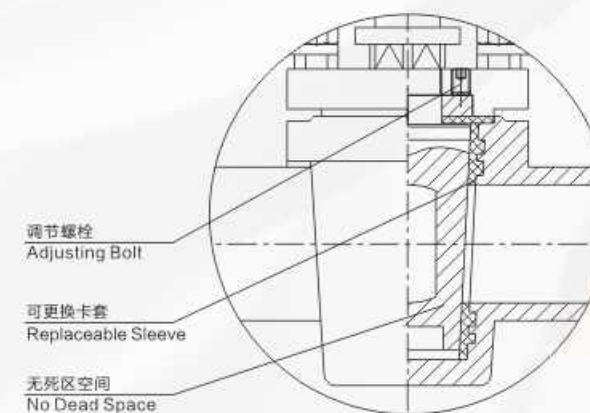


卡套式旋塞阀的特点 FEATURES OF SLEEVE TYPE PLUG VALVE

李朗 **BOLON**

产品特征 Features Of Product

- 无润滑
- 三重阀杆密封系统
- 无空腔设计
- 360度金属唇设计
- 防静电设计
- 防火安全
- 可更换套筒
- 阀体腔内无死区
- Non-Lubrication
- Threefold Stem Seal System
- Cavity Free Design
- 360 Degrees Metal Lips Design
- Anti Static Design
- Fire Safe
- Replaceable Sleeve
- Zero Dead Space



设计特征 Design Features

旋塞阀是一种类似于球阀的四分之一回转阀。阀门关闭系统由锥形塞组成，锥形塞靠在软材料套筒上或靠在阀体上。李朗卡套式旋塞阀适用于公称压力CLASS150-900LBS,工作温度在-29℃到180℃的石油，化工，制药，化肥，电力行业等各种工况的管路上，切断或接通管路介质。李朗旋塞阀产品设计结构合理、密封可靠、性能优良，造型美观。具有以下特点：

A plug valve is a quarter turn valve similar to a ball valve. The valve closing system consists of a conical plug, which is placed against a soft material sleeve or against the valve body. The BOLON sleeve type plug valve is suitable for cutting off or connecting pipeline media in various working conditions such as petroleum, chemical, pharmaceutical, fertilizer, and power industries with a nominal pressure of Class150-900LBS and a working temperature of -29℃ to 180℃. The design structure of BOLON plug valve is reasonable, the sealing is reliable, the performance is excellent, and the appearance is beautiful. It has the following characteristics:

阀体无死区设计 No Dead Cavity Space

该阀门没有空腔的设计，以确保阀体内不会有介质积聚。这种无空腔设计还可以防止粘连。BOLON旋塞阀在流动路径中没有死腔空间，因此浆料等介质不会积聚在阀门中的任何地方。

The valve is not designed with a cavity to ensure that there is no accumulation of medium inside the valve body. This cavity free design can also prevent adhesion. The BOLON plug valve has no dead space in the flow path, so media such as slurry will not accumulate anywhere in the valve.

独特的360度金属唇边设计 Unique 360 Degree Metal lip Design

密封性通过卡套四周的密封面实现。独特的360度金属唇边可以确保固定卡套。其独特的独特的360度金属唇边设计可有效提高阀门性能，延长阀门使用寿命，防止套筒冷流和变形；同时，这种特殊的设计防止了在高温下膨胀的趋势。当阀塞旋转时，分解并去除阀塞外表面的沉积物。金属唇边在旋转时提供自动清洁的作用，适用于粘稠和易结垢的工况。

Sealing is achieved through the sealing surfaces around the sleeve. The unique 360 degree metal lip edge ensures a secure clip. Its unique 360 degree metal lip design can effectively improve valve performance, extend valve service life, and prevent sleeve cold flow and deformation; Meanwhile, this special design prevents the trend of expansion at high temperatures. When the valve plug rotates, disassemble and remove the sediment on the outer surface of the valve plug. The metal lip edge provides automatic cleaning during rotation, suitable for sticky and prone to scaling conditions.

顶盖可调节螺栓 Adjustable Bolts on The Top Cover

阀盖的外部调节螺栓提供了快速而简单的调节，通过位于金属隔膜下方的金属止推垫圈施加平衡力，确保阀杆和密封件的压缩平衡。该机构提供了对大气的多重密封和双向在线密封。

The external adjustment bolt of the valve cover provides quick and simple adjustment, ensuring the compression balance of the valve stem and seal by applying a balancing force through a metal thrust washer located below the metal diaphragm. This institution provides multiple seals and bidirectional online seals for the atmosphere.

旋塞阀系列 PLUG VALVE SERIES

无润滑PTFE卡套No Lubrication of PTFE Sleeve

低摩擦系数的聚四氟乙烯是自润滑的，围绕着塞子可以快速方便地操作。省去了昂贵的润滑和维护。

The low friction coefficient PTFE it is self-lubrication, surrounding the plug permits quick and easy operation. Costly lubrication and maintenance is eliminated.

可更换卡套Replaceable Sleeve

与其他阀门不同的是，密封套和密封垫在损坏时可以很容易地更换，而不是麻烦的阀门返回和密封部件的复杂匹配研磨或完全更换整个阀门，也就是说，套筒旋塞阀是一种经济的阀门类型，它可以有效地降低成本，缩短维护时间

Differ from other valves, the sealing sleeve and sealing gasket can be easily replaced when damaged instead of troublesome valves return and complex match grinding of sealing parts or completely replace the whole valve, that is what we say, sleeved plug valve is economical valve type, which can effectively lower cost and shorten maintenance time

三重阀杆密封系统Threefold Stem Seal System

阀杆零泄漏密封是通过三重密封系统实现的。主密封由套筒提供，密封非常紧密，即使没有阀盖也无法观察到泄漏。二级和三级密封（顶部密封组件）由PTFE聚四氟乙烯三角环和隔膜提供。密封也非常紧密，没有泄漏。

The zero leakage stem sealing is achieved by threefold sealing system. The primary seal is provided by the sleeve, the sealing is so tight that no leakage can be observed even without a valve cover. The secondary and tertiary seal (top seal package) are provided by a PTFE Teflon delta ring and a diaphragm. The sealing is also so tight that no leakage.

防火设计Anti-fire design

采用柔性石墨制造的防火垫圈装在阀体中法兰的沟槽内，由阀盖压紧支撑环、密封隔片焊接在一起形成密封组，再压紧柔性石墨防火圈形成中部防火密封。金属密封调整垫压紧金属密封支撑环，内设柔性石墨锥度密封环，经调整螺栓同时压紧膜片形成阀杆防火密封副，若在火灾时PFA基复合物阀座和其它密封材料均被火毁，阀门仍保持阀杆及中部的密封性能，火灾安全阀门的旋塞上开设泄压孔，阀门受热时旋塞通道内的膨胀流体将由泄压孔释放，消除危害。

The fireproof gasket made of flexible graphite is installed in the groove of the flange in the valve body, and the valve cover is pressed to support the ring and the sealing spacer is welded together to form a sealing group. Then, the flexible graphite fireproof ring is pressed to form a middle fireproof seal. The metal sealing adjustment pad compresses the metal sealing support ring, which is equipped with a flexible graphite taper sealing ring.

The adjusting bolt simultaneously presses the diaphragm to form a fireproof sealing pair for the valve stem. If the PFA based composite valve seat and other sealing materials are destroyed by fire during a fire, the valve still maintains the sealing performance of the valve stem and the middle. A pressure relief hole is opened on the plug of the fire safety valve. When the valve is heated, the expansion fluid in the plug channel will be released through the pressure relief hole, Eliminate hazards.

防静电结构Anti Static Device :

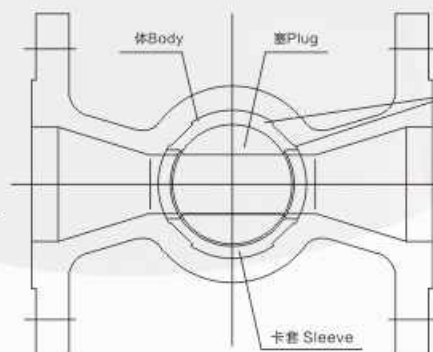
防静电装置在操作阀门时，阀塞与密封套之间的摩擦会在阀塞上产生静电。阀门上的防静电装置将产生火花塞上的电荷，以防止静电火花。特别是对于消防输气管道，必须进行防静电设计。另一方面，它会使可燃气体燃烧。该设计符合API67标准。

When the anti-static device operates the valve, the friction between the valve plug and the sealing sleeve will generate static electricity on the valve plug. The anti-static device on the valve will generate charges on the spark plug to prevent static sparks. Especially for fire and gas pipelines, anti-static design must be carried out. On the other hand, it can cause combustible gases to burn. This design complies with the API67 standard.

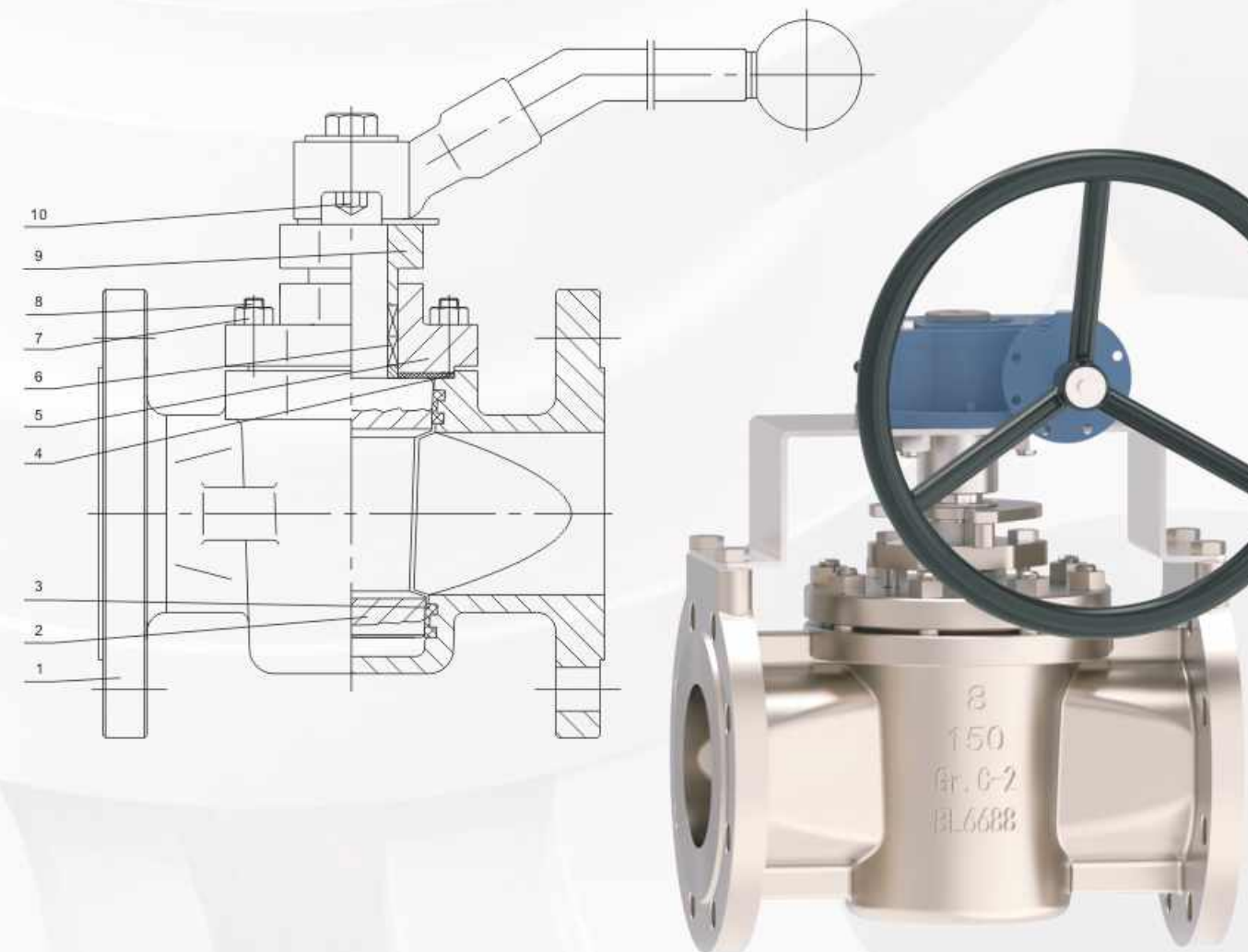
双压盖调节设计Double Pressure Caps Adjustment Design

一个压盖可调节阀杆密封填料的压缩，另一个压盖则可调节阀塞到套筒中的压力。这两种调节可以单独操作，确保了阀杆、阀塞的密封性，并将操作扭矩降至最低。

One gland can adjust the compression of the valve stem sealing packing while the other gland can adjust the pressure of the valve plug into the sleeve. These two adjustments can be operated separately to ensure the sealing of the valve stem and plug and to minimize the operating torque.

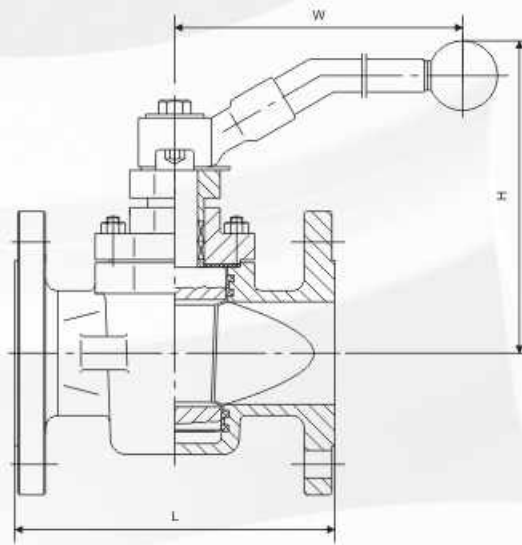


当塞子360度旋转时，密封唇可以清洁阀座以去除残留物，没有介质沉积确保不受到污染。
When plug rotation 360 degree, seals lips can clean the seat to remove residue, no medium deposit ensures no pollution.



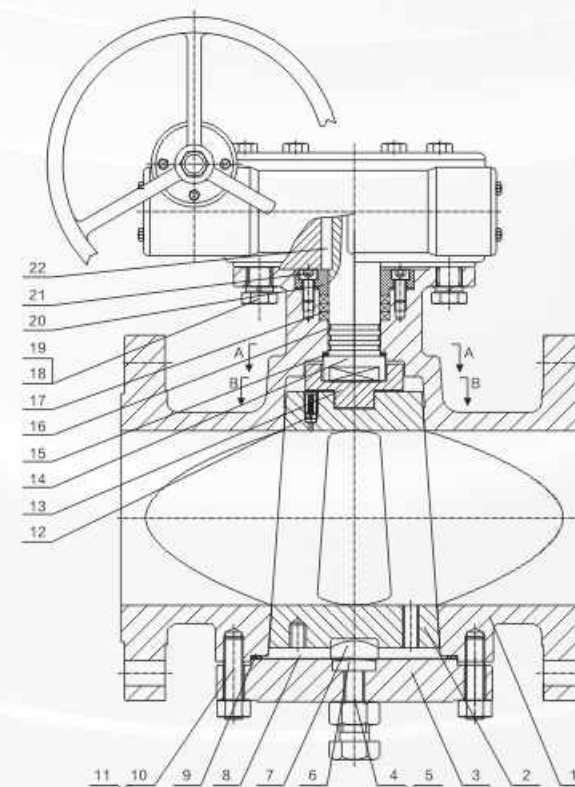
部件材料 Materials of Parts

序号 No	部件名称 Part Name	材料 Material		
		SS316	Hastelloy C-4	Zirconium 705
1	阀体Body	B367 Gr. C-2	A494 CW2M	B752 705C
2	塞Plug	B367 Gr. C-2	A494 CW2M	B752 705C
3	阀座Seat	PPL	PPL	PPL
4	垫片Gasket	钛Titanium+石墨Graphite	哈氏合金Hastelloy+石墨Graphite	锆Zirconium+石墨Graphite
5	阀盖Bonnet	B367 Gr. C-2	A494 CW2M	B752 705C
6	填料Packing	PTFE+石墨Graphite	PTFE+石墨Graphite	PTFE+石墨Graphite
7	螺母Nut	A194 8M	A194 8M	A194 8M
8	螺栓Bolt	A193 B8M	A193 B8M	A193 B8M
9	压盖法兰Gland flange	A351 CF8M	A351 CF8M	A351 CF8M
10	调节螺栓Adjusting bolt	A193 B8M	A193 B8M	A193 B8M



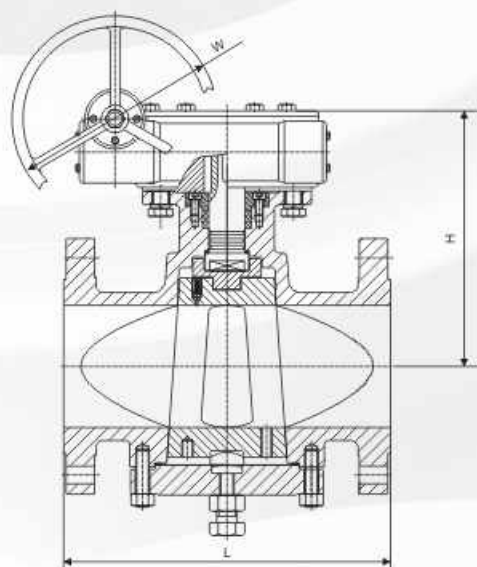
尺寸 Dimensions

Class 150																
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L		108	117	127	140	165	178	190	203	229	254	267	292	330	356	381
H		110	115	115	135	140	150	165	180	380	460	520	580	620	680	760
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
重量Weight(kg)		8.5	9.5	10.5	12	14	18	22	26	40	60	70	130	219	381	570
Class 300																
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L		140	152	165	178	190	216	241	283	305	381	403	419	457	502	762
H		110	115	115	135	140	150	165	180	380	460	502	580	620	680	760
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
重量Weight(kg)		9.5	10.5	12	14	16	20	24	29	53	75	85	185	230	390	550
Class 600																
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L		165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
H		110	115	115	135	140	150	165	180	380	460	520	580	620	680	760
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380	450
重量Weight(kg)		11	13	17	20	23	27	31	36	72	98	141	245	330	515	710
Class 900																
口径 Size	mm	15	20	25	32	40	50	65	80	100						
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4						
L		229	229	254	279	305	368	419	381	457						
H		110	115	115	135	140	150	165	480	380						
W		175	175	175	220	280	305	350	405	300						
重量Weight(kg)		13	16	21	24	28	32	40	47	91						



部件材料 Materials of Parts

序号 No	部件名称 Part Name	材料 Material			
		SS316	Inconel 600	Nickel 200	
1	阀体Body	A351 CF3M	A494 CY40	A494 CZ100	
2	塞Plug	A351 CF3M+Nitriding	A494 CY40	A494 CZ100	
3	盖Cover	A351 CF3M	A494 CY40	A494 CZ100	
4	螺母Nut	A194 8M	A194 8M	A194 8M	
5	螺栓Bolt	A193 B8M	A193 B8M	A193 B8M	
6	调节块Adjustable block	A276 316	N06600	Nickel 200	
7	调节块Adjustable block	A276 316	N06600	Nickel 200	
8	金属隔膜Metal diaphragm	SS316	Inconel 600	Nickel 200	
9	缠绕垫片Wrinkle gasket	SS316+石墨Graphite	Inconel 600+石墨Graphite	Nickel 200+石墨Graphite	
10	螺母Nut	A194 8M	A194 8M	A194 8M	
11	螺栓Bolt	A193 B8M	A193 B8M	A193 B8M	
12	止回阀Check valve	UCA	Inconel 600	Nickel 200	
13	铰接Articulated joint	A276 316	Inconel 600	Nickel 200	
14	阀杆Stem	A182 F316L	B564 N6600	B564 N02200	
15	垫片Gasket	PTFE/石墨Graphite	PTFE+石墨Graphite	PTFE+石墨Graphite	
16	O型圈O-ring	Viton	FKM	FKM	
17	填料Packing	石墨Graphite	石墨Graphite	石墨Graphite	
18	螺栓Bolt	AISI 1035	AISI 1035	AISI 1035	
19	弹簧垫圈Spring washer	AISI 1066	AISI 1066	AISI 1066	
20	压盖Gland	A351 CF8M	A494 CY40	A494 CY40	
21	螺栓Bolt	A193 B8M	A193 B8M	A193 B8M	
22	键Key	AISI 1045	AISI 1045	AISI 1045	



尺寸 Dimensions

Class 150																
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L		108	117	127	140	165	178	190	203	229	254	267	292	330	356	381
H		180	180	185	200	214	215	250	270	300	340	365	400	450	510	590
W		400	400	500	500	600	600	820	820	300	300	320	32	350	380	380
重量Weight(kg)		10	12	14	17	19	21	29	33	48	75	98	98	171	230	370
Class 300																
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L		140	152	165	178	190	216	241	283	305	381	403	419	457	502	762
H		180	180	185	200	210	215	250	270	300	340	365	400	450	510	590
W		400	400	500	600	600	820	1000	1000	300	400	320	320	350	380	380
重量Weight(kg)		12	14	16	19	21	24	31	36	61	83	130	190	255	380	560
Class 600																
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L		165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
H		180	180	185	200	210	215	250	270	300	340	365	400	450	510	590
W		400	40	500	500	600	600	820	820	300	300	320	320	350	380	380
重量Weight(kg)		14	16	18	20	24	29	35	47	91	129	210	320	660	920	1250
Class 900																
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L		229	229	254	279	305	368	419	381	457	559	610	737	838	8965	1029
H		180	180	185	200	210	215	250	270	300	340	365	400	450	510	590
W		400	400	500	600	600	820	1000	1000	300	300	320	320	350	380	380
重量Weight(kg)		17	29	21	24	30	37	44	65	110	160	255	380	810	1050	1460

BOLON FLUID CONTROL (ZHEJIANG) CO., LTD.

李朗流体控制（浙江）有限公司

楔式闸阀 WEDGED GATE VALVES

自密封闸阀 PRESSURE SEALED GATE VALVES

口径 Size: 1/2" - 36" (15 - 900 mm)

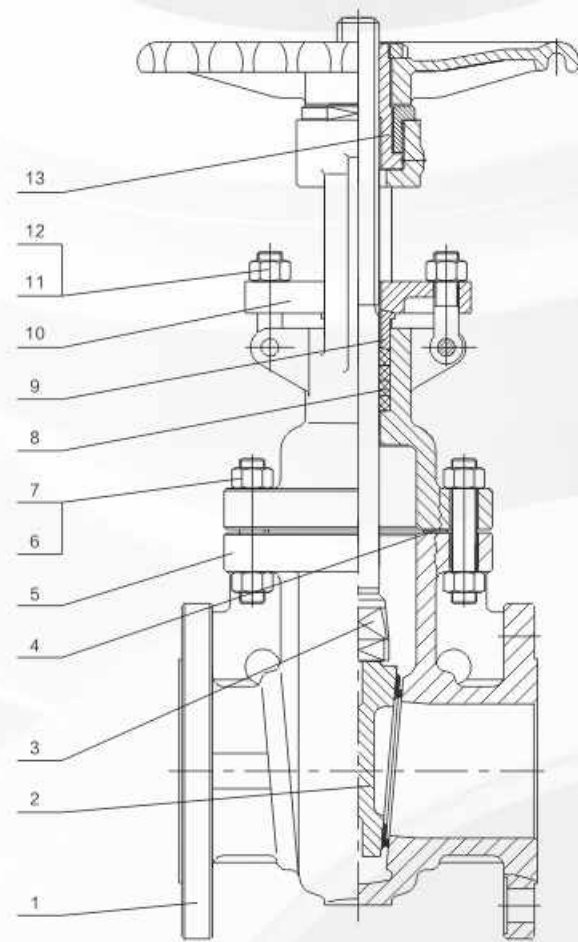
压力 Pressure: ASME Class 150 - 2500LB

标准 Standard: API 600, API 6D, API 603, MSS SP-81

材质 Materials: B367 Gr. C-2, A494 CY40, B752 702C,

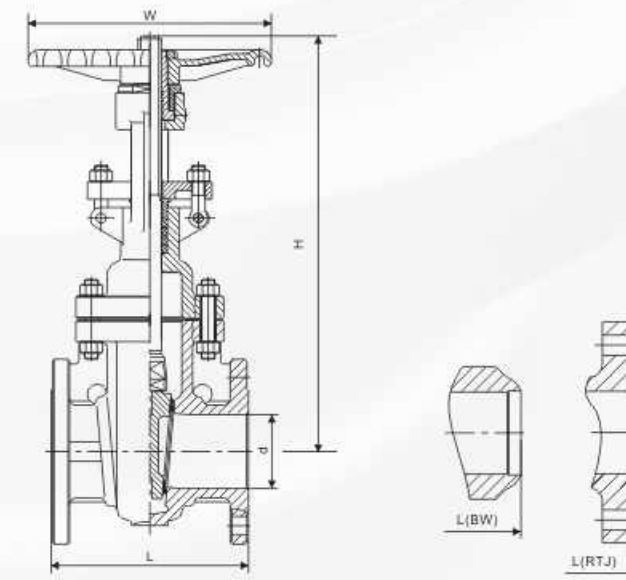
A890/A995 4A, 904L, A216 WCB, A351 CF8, A351.CF3M





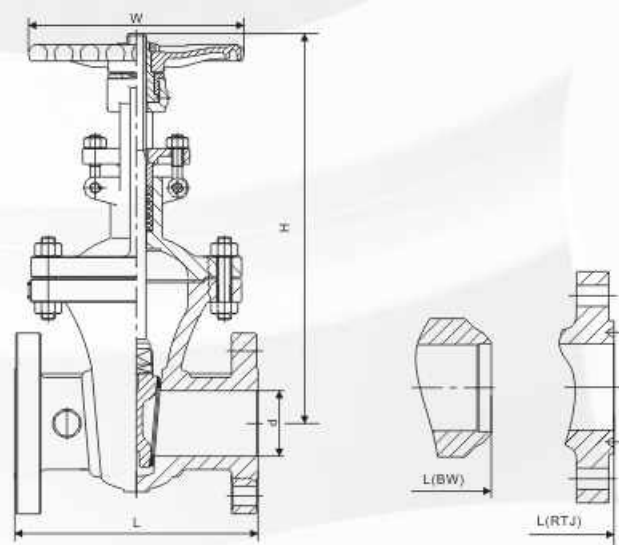
部件材料 Materials of Parts

序号 No	部件名称 Part Name	材料 Material		
			Hastelloy B-2	铜合金Copper Alloy
1	阀体Body	B752 702C	A494 N7M	B148 C95800
2	闸板Wedge	B752 702C	A494 N7M	B148 C95800
3	阀杆Stem	A493 R60702	B462 N10665	镍铝青铜Ni-Al-Br
4	垫片Gasket	Zirconium+石墨Graphite	Hastelloy+石墨Graphite	Copper Alloy+石墨Graphite
5	阀盖Bonnet	B752 702C	A494 N7M	B148 C95800
6	螺栓Bolt	A193 B8M	A193 B8M	A193 B8M
7	螺母Nut	A194 8M	A194 8M	A194 8M
8	填料Packing	PTFE/石墨Graphite	PTFE+石墨Graphite	PTFE+石墨Graphite
9	压盖衬套Gland bushing	B550 R60702	B335 N10665	镍铝青铜Ni-Al-Br
10	压盖法兰Gland flange	A351 CF8M	A351 CF8M	A351 CF8M
11	带眼螺栓Eyebolt	A193 B8M	A193 B8M	A193 B8M
12	压盖螺母Gland nut	A194 8M	A194 8M	A194 8M
13	阀杆螺母Stem nut	Copper Alloy	Copper Alloy	Copper Alloy



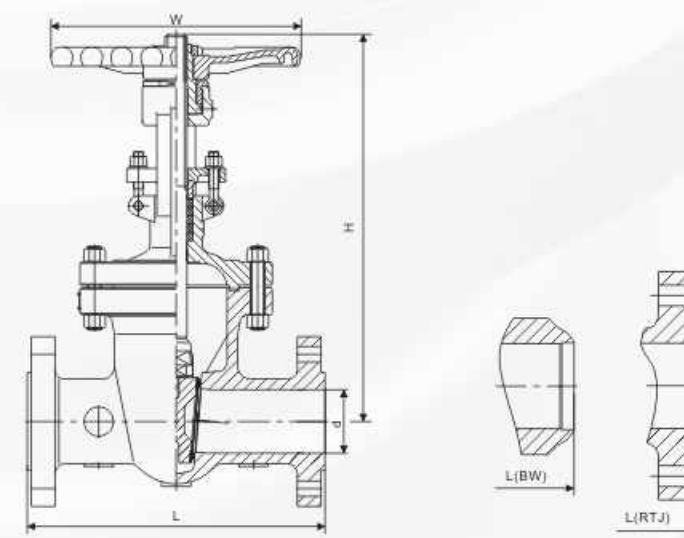
尺寸 Dimensions

口径 Size	尺寸 Dimensions(mm)						重量 Weight(kg)	
	RF	RTJ	BW	d	H	W	手轮 Hand wheel	涡轮 Gear box
Class 150								
1/2	108	119	108	13	195	120	4	-
3/4	117	130	117	19	210	120	5	-
1	127	140	127	25	240	140	7	-
1 1/4	140	153	140	32	300	180	10	-
1 1/2	165	178	165	38	395	200	14	-
2	178	191	216	51	400	200	19	-
2 1/2	191	203	241	64	435	200	25	-
3	203	216	283	76	515	250	33	-
4	229	241	305	102	595	280	49	-
5	254	267	381	127	725	280	62	-
6	267	279	403	152	780	300	77	104
8	292	305	419	203	975	350	123	150
10	330	343	457	254	1150	400	188	215
12	356	368	502	305	1380	450	288	315
14	381	394	572	337	1545	500	385	435
16	406	419	610	387	1733	500	500	552
18	432	445	660	438	1915	500	601	653
20	457	470	711	489	2122	600	764	816
24	508	521	813	591	2520	600	1007	1185
26	559	-	864	633	-	-	-	1550
28	610	-	914	684	-	-	-	1880
30	610	-	914	735	-	-	-	2300
32	711	-	965	779	-	-	-	2550
34	762	-	1016	830	-	-	-	2950
36	711	-	1016	874	-	-	-	3390



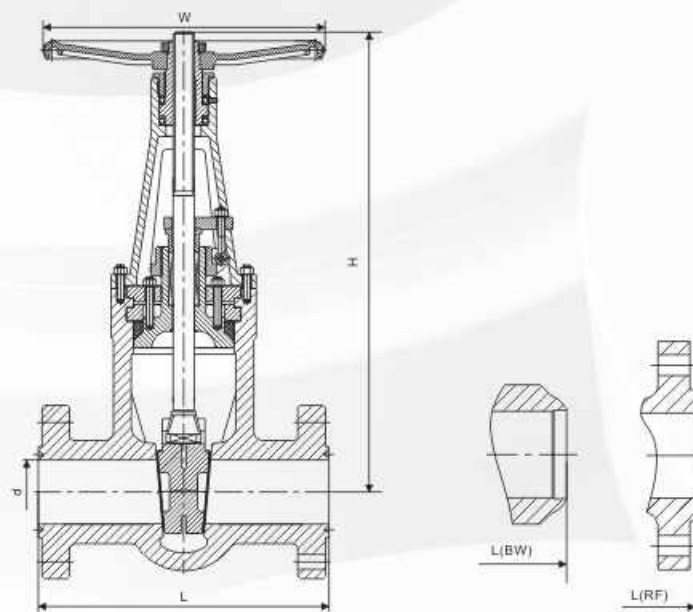
尺寸 Dimensions

口径 Size	尺寸 Dimensions(mm)						重量 Weight(kg)	
	L			d	H	W	手轮 Hand wheel	涡轮 Gear box
	RF	RTJ	BW					
Class 300								
½	140	151	140	13	198	120	4	-
3/4	152	165	152	19	215	140	5	-
1	165	178	165	25	245	160	7	-
11/4	178	191	178	32	306	180	10	-
11/2	190	203	190	38	400	200	14	-
2	216	232	216	51	420	200	19	-
21/2	241	257	241	64	446	200	25	-
3	283	298	283	76	537	250	33	-
4	305	321	305	102	619	280	49	-
5	381	397	381	127	722	300	62	-
6	403	419	403	152	806	350	77	104
8	419	435	419	203	1000	400	123	150
10	457	473	457	254	1240	450	188	215
12	502	518	502	305	1425	500	288	315
14	762	778	762	337	2585	600	385	435
16	838	854	838	387	1790	600	500	552
18	914	930	914	438	1960	650	601	653
20	991	1010	991	479	2158	750	764	816
24	1143	1165	1143	589	2576	900	1007	1185
26	1245	1270	1245	635	-	-	-	1550
28	1346	1372	1346	686	-	-	-	1880
30	1397	1422	1397	737	-	-	-	2300
32	1524	1553	1524	779	-	-	-	2550
34	1626	1654	1626	830	-	-	-	2950
36	1727	1756	1727	874	-	-	-	3390



尺寸 Dimensions

口径 Size	尺寸 Dimensions(mm)						重量 Weight(kg)	
	L			d	H	W	手轮 Hand wheel	涡轮 Gear box
	RF	RTJ	BW					
Class 600								
2	292	295	292	51	444	200	32	-
21/2	330	333	330	64	500	250	52	-
3	356	359	356	76	558	280	60	87
4	432	435	432	102	665	300	107	134
5	508	511	508	127	790	350	175	227
6	559	562	559	152	868	450	216	268
8	660	664	660	200	1073	500	399	451
10	787	791	787	248	1263	650	605	657
12	838	841	838	298	1600	700	851	893
14	889	892	889	327	1705	900	1177	1232
16	991	991	991	375	1835	900	1513	1568
18	1092	1095	1092	419	-	-	-	1980
20	1194	1200	1194	464	-	-	-	2460
24	1397	1407	1397	559	-	-	-	3650
Class 900								
2	368	370	368	47	500	280	70	-
21/2	419	422	419	57	550	280	110	-
3	381	384	381	73	610	300	140	167
4	457	460	457	98	702	350	200	227
5	559	562	559	121	850	400	258	285
6	610	613	610	146	980	500	358	410
8	737	740	737	190	1100	650	550	600
10	838	841	838	234	1320	700	1000	1100
12	965	968	965	282	1500	900	1215	1310
14	1029	1038	1029	311	1900	900	1600	1700
16	1130	1140	1130	354	2050	900	2150	2330



尺寸 Dimensions

口径 Size	尺寸 Dimensions(mm)						重量 Weight(kg)	
	L			d	H	W	手轮 Hand wheel	涡轮 Gear box
	RF	RTJ	BW					
Class 1500								
2	368	371	368	47	510	280	70	-
21/2	419	422	419	57	560	300	110	-
3	470	473	470	70	620	350	175	202
4	546	549	546	92	728	400	270	300
5	673	676	673	111	870	450	378	405
6	705	711	705	136	1000	500	520	575
8	832	841	832	174	1130	750	820	915
10	991	1000	991	222	1360	900	1560	1750
12	1130	1146	1130	263	-	-	-	2120
14	1257	1276	1257	289	-	-	-	2600
16	1384	1407	1384	330	-	-	-	3450
Class 2500								
2	451	454	451	35	530	280	100	130
21/2	508	514	508	47	580	300	150	180
3	578	584	578	57	650	350	245	275
4	673	683	673	73	750	400	390	420
5	794	807	794	92	900	500	550	580
6	914	927	914	111	1040	600	780	835
8	1022	1038	1022	146	1150	750	1260	1355
10	1270	1292	1270	184	1400	900	2380	2565
12	1422	1445	1422	219	-	-	-	3250

BOLON FLUID CONTROL (ZHEJIANG) CO., LTD.

李朗流体控制（浙江）有限公司

铸钢截止阀 CASTING GLOBE VALVES

自密封截止阀 PRESSURE SEALED GLOBE VALVES

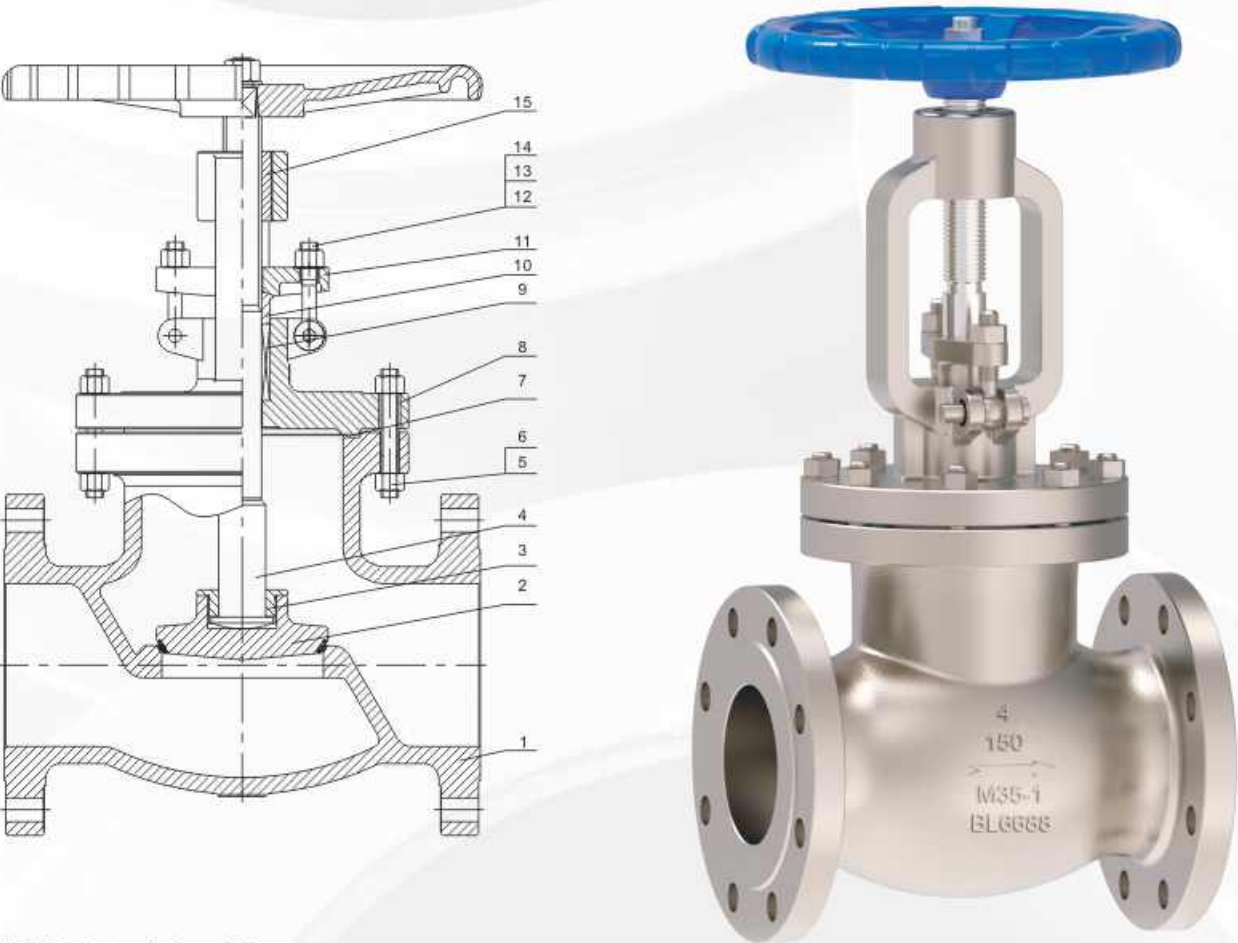
口径 Size: 1/2" - 12" (15 - 300 mm)

压力 Pressure: ASME Class 150 - 2500LB

标准 Standard: API 600, API 603, BS1873

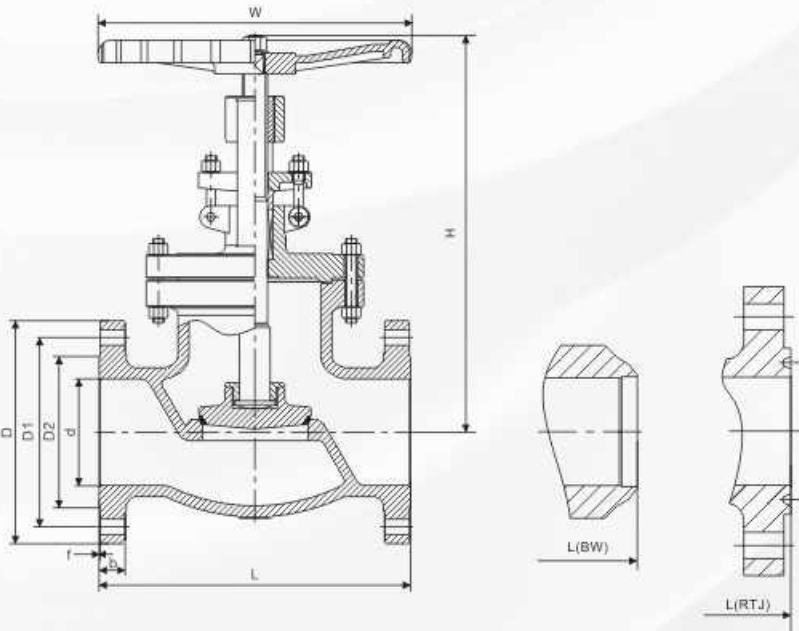
材质 Materials: B367 Gr. C-2, A494 CY40, B752 702C,
A890/A995 4A, 904L, A216 WCB, A351 CF8, A351.CF3M





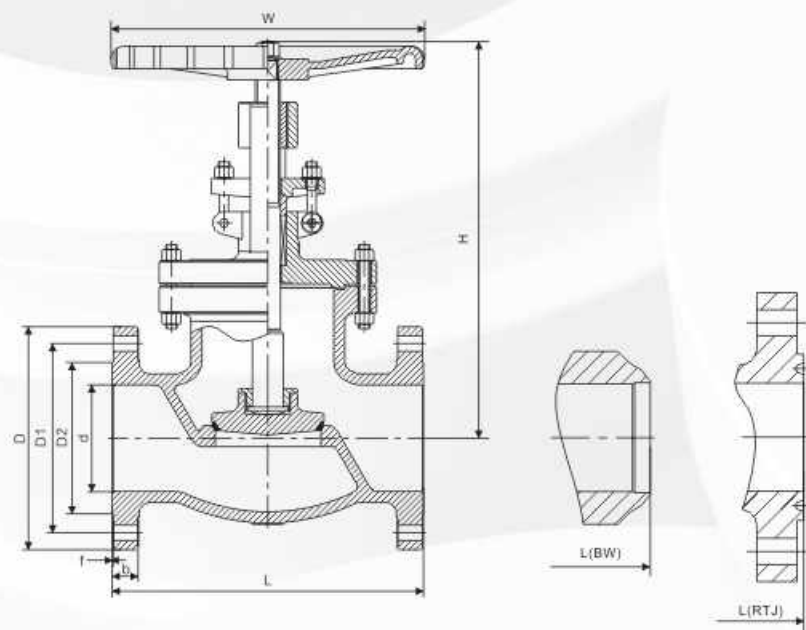
部件材料 Materials of Parts

序号 No	部件名称 Part Name	材料 Material		
		SS316	钛合金Titanium Alloy	双向钢S32760
1	阀体Body	A494 M35-1	B367 Gr.C-12	A995 6A
2	阀瓣Disc	B564 N04400	B381 Gr.F-12	A182 F55
3	阀瓣盖Disc cover	B564 N04400	B381 Gr.F-12	A182 F55
4	阀杆Stem	B564 N04400	B381 Gr.F-12	A182 F55
5	螺母Nut	A194 8M	A194 8M	A194 8M
6	螺栓Bolt	A193 B8M	A193 B8M	A193 B8M
7	垫片Gasket	Monel+石墨Graphite	Titanium+石墨Graphite	Duplex+石墨Graphite
8	阀盖Bonnet	A494 M35-1	B367 Gr.C-12	A995 6A
9	填料Packing	PTFE/石墨Graphite	PTFE/石墨Graphite	PTFE/石墨Graphite
10	压盖衬套Gland bushing	B164 N04400	B348 Gr.12	A276 S32760
11	压盖法兰Gland flange	A351 CF8M	A351 CF8M	A351 CF8M
12	销Pin	A276 316	A276 316	A276 316
13	带眼螺栓Eyebolt	A193 B8M	A193 B8M	A193 B8M
14	压盖螺母Gland nut	A194 8M	A194 8M	A194 8M
15	阀杆螺母Stem nut	Copper Alloy	Copper Alloy	Copper Alloy



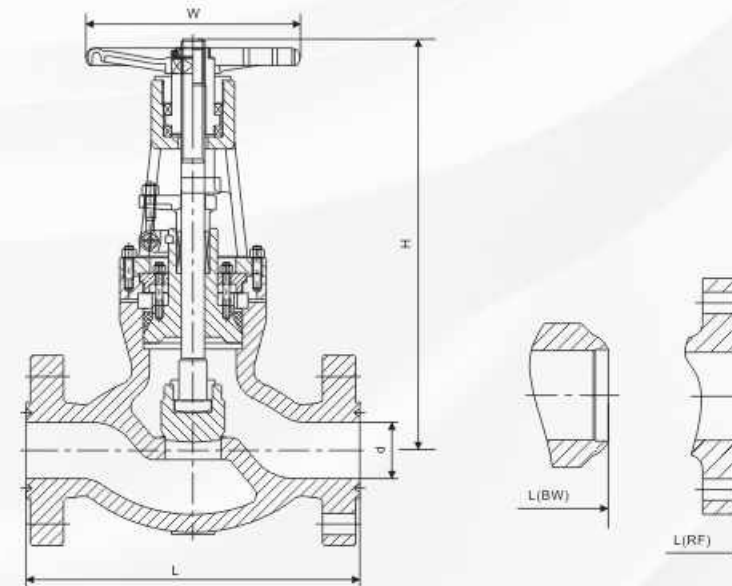
尺寸 Dimensions

口径 Size	尺寸 Dimensions(mm)						重量 Weight(kg)	
	L			d	H	W	手轮 Hand wheel	涡轮 Gear box
	RF	RTJ	BW					
Class 150								
½	108	119	108	13	182	100	3	-
3/4	117	130	117	19	193	100	4	-
1	127	140	127	25	217	100	5	-
1 1/4	140	152	140	32	235	135	8	-
1 1/2	165	178	165	38	258	135	9	-
2	203	216	203	51	330	200	19	-
2 1/2	216	229	216	64	360	250	27	-
3	241	254	241	76	390	280	36	-
4	292	305	292	102	445	300	53	-
5	356	369	356	127	480	350	75	-
6	406	419	406	152	520	350	94	126
8	495	508	495	203	600	400	148	180
10	622	635	622	254	773	450	242	291
12	988	711	988	305	880	500	438	480



尺寸 Dimensions

口径 Size	尺寸 Dimensions(mm)						重量 Weight(kg)	
	L			d	H	W	手轮 Hand wheel	涡轮 Gear box
	RF	RTJ	BW					
Class 300								
½	152	164	152	13	185	100	5	-
3/4	178	191	178	19	195	100	7	-
1	203	216	203	25	220	135	10	-
1 1/4	216	229	216	32	240	135	14	-
1 1/2	229	241	229	38	260	160	19	-
2	267	283	267	51	385	200	25	-
2 1/2	292	308	292	64	420	200	42	-
3	318	333	318	76	440	280	46	-
4	356	371	356	102	515	350	74	-
5	400	416	400	127	580	350	111	-
6	444	460	444	152	660	400	165	195
8	559	575	559	203	900	550	275	327
10	622	638	622	254	950	600	400	452
12	711	727	711	305	1030	700	624	725
口径 Size	尺寸 Dimensions(mm)						重量 Weight(kg)	
	L			d	H	W	手轮 Hand wheel	涡轮 Gear box
	RF	RTJ	BW					
Class 600								
2	292	295	292	51	360	250	32	-
2 1/2	330	333	330	64	410	280	42	-
3	356	359	356	76	465	300	63	-
4	435	435	435	102	545	400	107	138
5	511	511	511	127	625	500	185	215
6	562	562	562	152	785	550	290	342
8	664	664	664	200	930	650	540	645



尺寸 Dimensions

口径 Size	Class 900							Class 1500					
	in	2"	2.5"	3"	4"	6"	8"	2"	2.5"	3"	4"	6"	8"
	mm	50	65	80	100	150	200	50	65	80	100	150	200
L(RF/BW)	in	14.5	16.50	15.00	18.00	24.00	29.00	14.5	16.50	18.50	21.50	27.75	32.75
	mm	368	419	381	457	610	737	368	419	470	546	705	832
L(RTJ)	in	14.62	16.62	15.12	18.12	24.12	29.12	14.62	16.62	18.62	21.62	28.00	33.13
	mm	371	422	384	460	613	740	371	422	470	549	711	841
H	in	24.41	25.40	28.50	33.40	48.23	53.15	24.41	25.40	32.68	33.86	48.50	70.24
	mm	620	645	724	848	1225	1350	620	645	830	860	1232	1784
W	in	14	14	18	20	24	24	14	14	20	22	24	24
	mm	350	350	450	500	610	610	350	350	500	560	610	610
重量 Weight RF	Kg	62	86	86	140	380	948	62	86	112	158	765	1494
Class 2500													
口径 Size	in	2"	2.5"	3"	4"	6"	8"						
	mm	50	65	80	100	150	200						
L(RF/BW)	in	17.75	20.00	22.75	26.50	36.00	40.25						
	mm	451	508	578	673	914	1022						
L(RTJ)	in	17.87	20.25	23.00	26.88	36.50	40.87						
	mm	454	514	584	683	927	1038						
H	in	24.41	30.63	34.84	51.10	53.74	83.46						
	mm	620	778	885	1298	1365	2120						
W	in	16	20	22	24	24	24						
	mm	400	500	560	610	610	610						
重量 Weight RF	Kg	80	115	152	358	965	2095						

BOLON FLUID CONTROL
(ZHEJIANG) CO., LTD.
李朗流体控制（浙江）有限公司

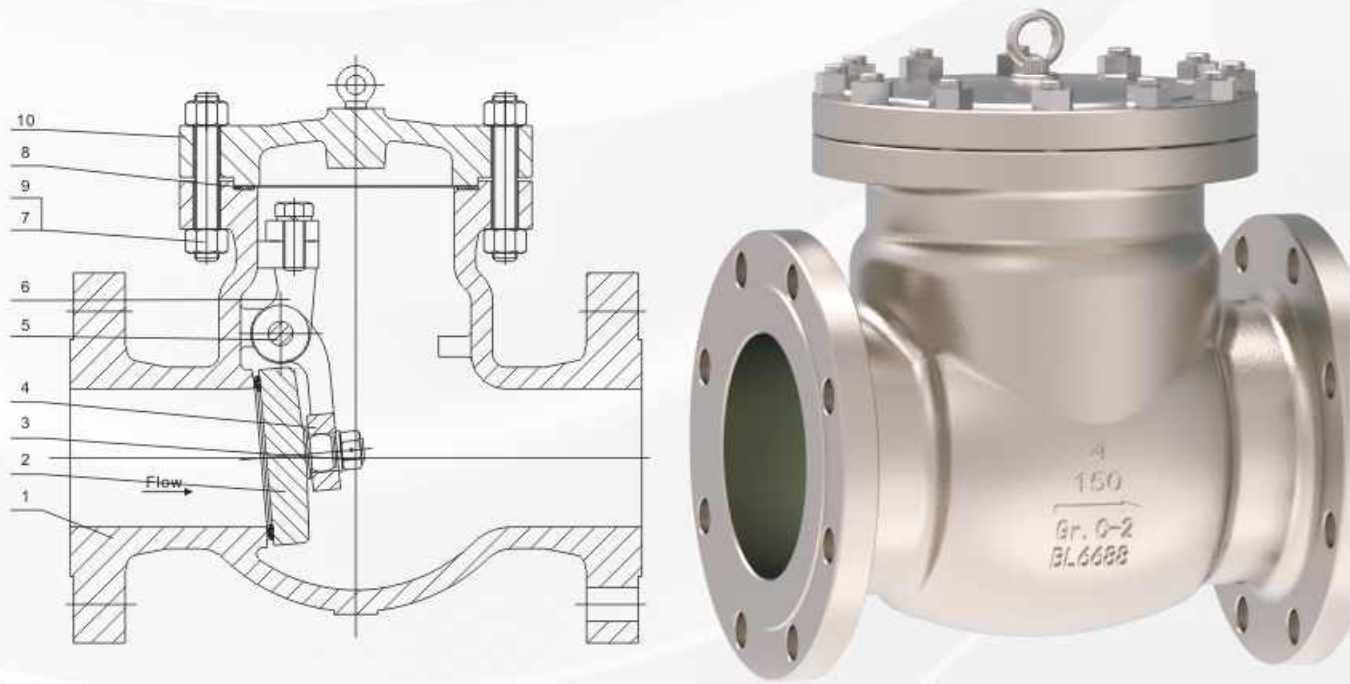
铸钢止回阀 **CASTING CHECK VALVES**
自密封止回阀 **PRESSURE SEALED CHECK VALVES**

口径 Size: 2" - 30" (50 - 750 mm)
压力 Pressure: ASME Class 150 - 2500LB
标准 Standard: API 600, API 603, BS1873
材质 Materials: B367 Gr. C-2, A494 CY40, B752 702C,
A890/A995 4A, 904L, A216 WCB, A351 CF8, A351,
CF3M



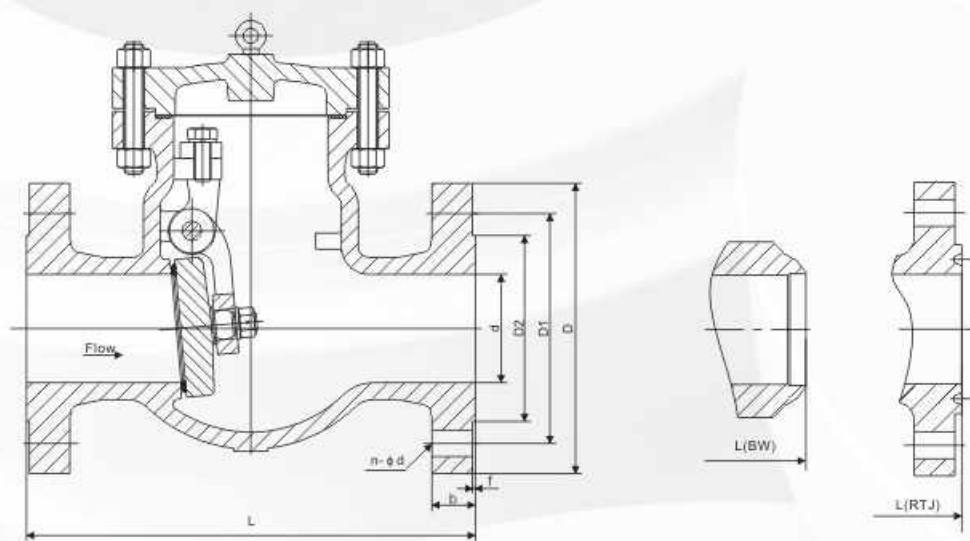
铸钢止回阀
CAST STEEL CHECK VALVE

李朗 **BOLON**



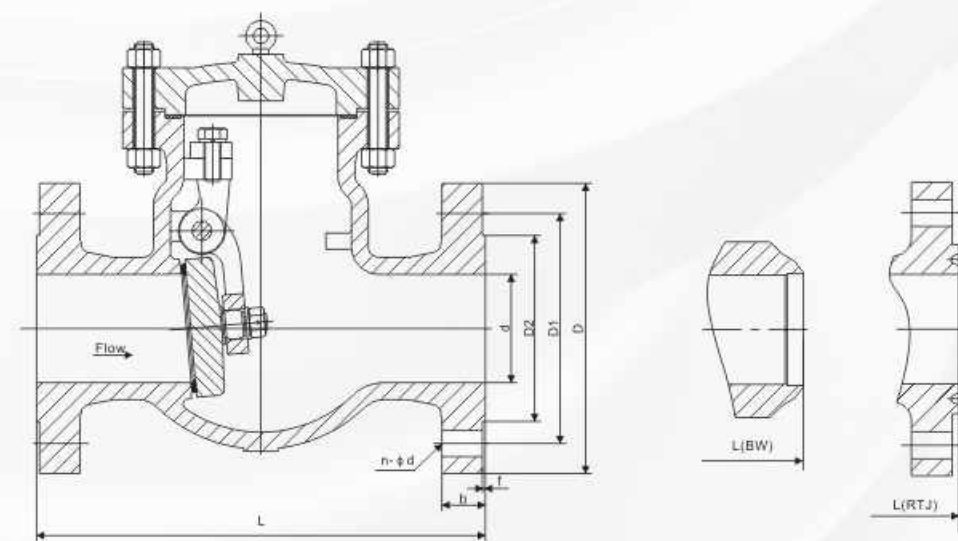
部件材料 Materials of Parts

序号 No	部件名称Part Name	材料 Material		
		SS316	Incolloy 800	254SMO
1	阀体Body	B367 Gr. C-2	A351 CT15C	A351 CK3MCuN
2	阀瓣Disc	B367 Gr. C-2	A351 CT15C	A351 CK3MCuN
3	螺母Nut	A194 8M	A194 8M	A194 8M
4	铰合部Hinge	B367 Gr. C-2	A351 CT15C	A351 CK3MCuN
5	销Pin	B348 Gr.2	B408 N08800	A182 F44
6	支架Yoke	B367 Gr. C-2	A351 CT15C	A351 CT15C
7	螺母Nut	A194 8M	A194 8M	A194 8M
8	螺栓Bolt	A193 B8M	A193 B8M	A193 B8M
9	垫片Gasket	钛Titanium+石墨Graphite	Incolloy+石墨Graphite	254SMO+石墨Graphite
10	阀盖Bonnet	B367 Gr. C-2	A351 CT15C	A351 CK3MCuN



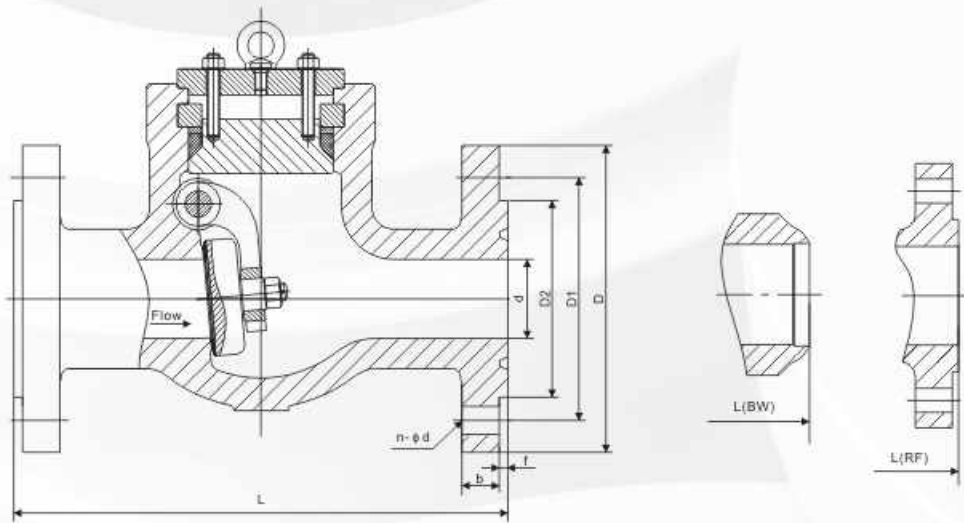
尺寸 Dimensions

口径 Size	尺寸 Dimensions(mm)											
	L			d	H	重量 Weight (kg)	L			d	H	重量 Weight (kg)
	RF	RTJ	BW				RF	RTJ	BW			
	Class 150						Class 300					
2	203	216	203	51	132	15	267	283	267	51	144	20
2 1/2	216	229	216	64	147	20	292	308	292	64	169	35
3	241	254	241	76	176	27	318	333	318	76	210	40
4	292	305	292	102	198	45	356	371	356	102	260	61
5	330	343	330	127	255	58	400	416	400	127	295	80
6	356	368	356	152	320	69	445	460	445	152	326	130
8	495	508	495	203	380	131	533	549	533	203	380	190
10	622	635	622	254	440	219	622	638	622	254	440	296
12	699	711	699	305	480	321	711	727	711	305	520	450
14	787	800	787	337	530	380	838	854	838	337	540	640
16	864	876	864	387	580	560	864	879	864	387	588	850
18	978	991	978	438	618	630	978	994	978	438	670	1030
20	978	991	978	489	657	770	1016	1035	1016	489	720	1330
24	1295	1308	1295	591	760	960	1346	1368	1346	591	850	1950
26	1295	—	1295	633	840	1250	1346	1372	1346	633	920	2300
28	1448	—	1448	684	920	1580	1499	1524	1499	684	1150	2600
30	1524	—	1524	735	980	1950	1594	1619	1594	735	1260	3200



尺寸 Dimensions

口径 Size	尺寸 Dimensions(mm)											
	L			d	H	重量 Weight (kg)	L			d	H	重量 Weight (kg)
	RF	RTJ	BW				RF	RTJ	BW			
	Class 600						Class 900					
2	292	295	292	51	170	28	368	371	368	47	200	48
2 1/2	330	333	330	64	178	40	419	422	419	57	220	75
3	356	359	356	76	246	68	381	384	381	73	280	95
4	432	435	432	102	290	117	457	460	457	98	320	135
5	508	511	508	127	320	155	559	562	559	121	360	200
6	559	562	559	152	360	192	610	613	610	146	400	264
8	660	664	660	200	430	340	737	740	737	190	480	424
10	787	791	787	248	502	515	838	841	838	234	560	730
12	838	841	838	297	554	750	965	968	965	282	632	1070
14	889	892	889	327	595	890	1029	1038	1029	311	680	1180
16	991	994	991	375	680	1303	1130	1140	1130	354	780	1790
18	1092	1095	1092	419	778	1800	1219	1232	1219	400	880	2560
20	1194	1200	1194	464	970	2150	1321	1334	1321	444	1050	3080
24	1397	1407	1397	559	1100	3200	1549	1568	1549	533	1200	14600



尺寸 Dimensions

口径 Size	尺寸 Dimensions(mm)					重量 Weight(kg)
	L			d	H	
	RF	RTJ	BW			
Class 1500						
2	368	371	368	47	210	48
2 1/2	419	422	419	57	240	75
3	470	473	470	70	303	120
4	546	549	546	92	340	180
5	673	676	673	111	380	294
6	705	711	705	136	430	385
8	832	8411	832	174	500	634
10	991	1000	991	222	590	1140
12	1130	1146	1130	263	660	1650
14	1257	1276	1257	289	710	2000
16	1384	1407	1384	330	820	2700

尺寸 Dimensions

口径 Size	尺寸 Dimensions(mm)					重量 Weight(kg)
	L			d	H	
	RF	RTJ	BW			
Class 2500						
2	451	454	451	35	230	68
2 1/2	508	514	508	47	260	100
3	578	584	578	57	330	165
4	673	683	673	73	370	260
5	794	807	794	92	410	440
6	914	927	914	111	460	580
8	1022	1038	1022	146	530	970
10	1270	1292	1270	184	620	1700
12	1422	1445	1422	219	690	2600
14	-	-	-	-	-	-
16	-	-	-	-	-	-

可用材料表 Material

钛以及钛合金 Titanium & Titanium Alloy				
材料 Material	棒材 Bars	锻造 Forging	铸造 Casting	
钛 Titanium	Titanium TA1	GB/T2965 TA1	GB/T25137 F-1	GB/T6614 ZTA1
	Titanium TA2	GB/T2965 TA2	GB/T25137 F-2	GB/T6614 ZTA2
	Titanium Gr.2	B348 Gr.2	B381 Gr. F-2	B367 Gr. C-2
	Titanium Gr.3	B348 Gr.3	B381 Gr. F-3	B367 Gr. C-3
钛合金 Titanium Alloy	Titanium Gr.5	B348 Gr.5	B381 Gr. F-5	B367 Gr. C-5
	Titanium Gr.6	B348 Gr.6	B381 Gr. F-6	B367 Gr. C-6
	Titanium Gr.7	B348 Gr.7	B381 Gr. F-7	B367 Gr. C-7
	Titanium Gr.12	B348 Gr.12	B381 Gr. F-12	B367 Gr. C-12
	Titanium Gr.TC4	GB/T2965 TC4	GB/T2965 TC4	GB/T6614 ZTC4
	Titanium Gr.TA9	GB/T2965 TA9	GB/T2965 TA9	
	Titanium Gr.TA10	GB/T2965 TA10	GB/T2965 TA10	
镍以及镍基合金 Nickel & Nickel Base Alloy				
镍 Nickel	Nickel200	B160 N04400	B564 N02200	A494 CZ100
	Nickel201	B160 N02201	B564 N02201	
	Monel 400	B164 N04400	B564 N04400	A494 M35-1/M35-C
	Monel K500	B865 N05500	B865 N05500	
镍基合金 Nickel Base Alloy	Inconel 600	B166 N06600	B564 N06600	A494 CY40
	Inconel 625	B446 N06625	B564 N06625	A494 CW6MC
	Incoloy 800	B408 N08800	B564 N08800	A351 CT15C
	Incoloy 800H	B408 N08810	B564 N08810	
	Incoloy 825	B425 N08825	B564 N08825	A494 CU5MCuC
	Hastelloy B	B335 N10001	B335 N10001	A494 N12MV
	Hastelloy B-2	B335 N10665	B462 N10665	A494 N7M
	Hastelloy B-3	B335 N10675	B564 N10675	
	Hastelloy C276	B574 N10276	B564 N10276	A494 CW12MW / CW6M
	Hastelloy C-22	B574 N06022	B564 N06022	A494 CX2MW
	Hastelloy C-4	B574 N06455	B574 N06455	A494 CW2M
	Hastelloy G	B581 N06007	B462 N06007	
	Hastelloy G30	B581 N06030	B462 N06030	
锆 Zirconium				
锆 Zirconium	Zirconium 702	B550 R60702	A493 R60702	B752 702C
	Zirconium 705	B550 R60705	A493 R60705	B752 705C
双相钢以及超级双相钢 Duplex & Super Duplex				
双相钢 Duplex	Duplex S32205	A276 S32205	A182 F60	A890/A995 4A(CD3MN)
	Duplex S31803	A276 S31803	A182 F51(2205)	A890/A995 4A(CD3MN)
超级双相钢 Super Duplex	Super-Duplex S32750	A276 S32750	A182 F53(2507)	A890/A995 5A(CE3MN)
	Super-Duplex S32760	A276 S32760	A182 F55	A890/A995 6A(CD3MWCuN)
铜合金 Copper Alloy				
铜合金 Copper Alloy	Ni-Al-Br			B148 C95800
	Ni-Al-Br			B148 C95500
	Ni-Al-Br			B148 C95400
超级奥氏体不锈钢 Super Austenitic Stainless Steel				
超级奥氏体不锈钢 Super Austenitic Stainless Steel	904L	A182 F904L	A182 F904L	904L
	254SMO	A182 F44	A182 F44	A351 CK3MCuN
	AL-6XN	B462 N08367	B462 N08367	A351 CN3MN
	Alloy20	B462 N08020	B462 N08020	A351 CN7M
奥氏体不锈钢 Austenitic Stainless Steel				
奥氏体不锈钢 Austenitic Stainless Steel	304	A276 304	A182 F304	A351 CF8
	304L	A276 304L	A182 F304L	A351 CF3
	316	A276 316	A182 F316	A351 CF8M
	316L	A276 316L	A182 F316L	A351 CF3M
	316Ti	A276 316Ti	A182 F316Ti	
	317	A276 317	A182 F317	A351 CG8M
	317L	A276 317L	A182 F317L	A351 CG3M
	347	A276 347	A182 F347	A351 CF8C
	310	A276 310	A182 F310	A351 CK20

应用 Applications

典型应用Typical Applications	环境Environment	材质Materials
化工 Chemical	硫酸Sulfuric acid	低浓度Lower Concentration
		A351 CF3M
		A351 CD3MWCuN(UNS S32760)
		A351 CK20
		A351 CN7M
		A990 CN3MCu
	硝酸Nitric acid	任何浓度Any Concentration
		A351 CF3M
		SN-1
	盐酸Hydrochloric acid	低浓度Lower Concentration
		A351 CD3MWCuN(UNS S32760)
		Alloy 20
		Hastelloy C 276
		Hastelloy B
	乙酸Acetic acid	任何浓度Any Concentration
		A351 CF3M
		A351 CD3MWCuN(UNS S32760)
		A351 CF3MN
		A351 CK3MCuN
		Alloy 20
		Hastelloy C 276
	合成尿素Urea synthesizing	尿素Carbamide
		A351 CF3M
		A351 CD3MWCuN(UNS S32760)
	苏打水制造Soda manufacturing	30 to 50% NaOH
		A351 CF3M
		Alloy 20
		Alloy 600
炼油与石化 Oil Refining & Petrochemical	氢化脱硫 Hydro desulfurization	H ₂ -H ₂ S
		A351 CF8C
		Wet H ₂ S
		A351 CF3M
		A351 CD3MWCuN(UNS S32760)
	热交换管 Heat Exchange Piping	海水Seawater
		A351 CF3M
		A351 CD3MWCuN(UNS S32760)
海水 Seawater	海水处理 Seawater Treatment	海水淡化Seawater desalination
		A351 CD3MWCuN(UNS S32760)
		热交换器 Heat exchangers
		A351 CD3MWCuN(UNS S32760)
		A351 CN3MN
		A351 CF3M
		A351 CD3MWCuN(UNS S32760)
	制盐 Salt Manufacturing	制盐工艺 Salt manufacturing process
		卤制工艺 Bittern making process
		A351 CD3MWCuN mod.(UNS S32760 mod.)
		A351 CN3MN
		A351 CK3MCuN
		Hastelloy C 276
环境 Environment	烟气脱硫 Flue Gas Desulfurization	吸收Absorption
		A351 CF3M
		A351 CD3MWCuN(UNS S32760)
		A351 CN3MN
		A351 CN3MCuN
	城市垃圾焚烧 City Garbage Furnace	高热效加热器 Super heater for high heat efficiency
		A351 CK20
能源 Energy	锅炉Boilers	海水管道 Seawater piping
		A351 CD3MWCuN(UNS S32760)
	原子能Nuclear	海水管道 Seawater piping
		A351 CD3MWCuN(UNS S32760)

致读者:

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