

MED

浙江摩恩达阀门有限公司
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MED®

www.medvalves.com

为各工程行业的客户提供创新的解决方案

Delivering Innovative Solutions To Customers In Engineering Industries

产品范围

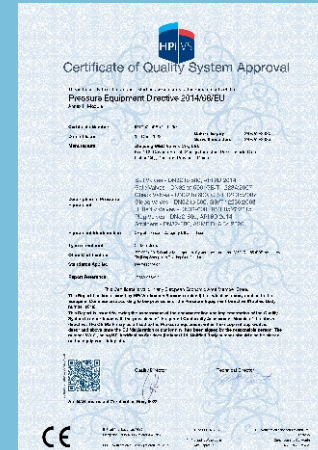
Product Category



浙江摩恩达阀门有限公司
ZHEJIANG MED VALVES CO., LTD.



API6D API600 API 602



CE



防火证书

COMPANY PROFILE 企业简介

浙江摩恩达阀门有限公司是一家专业从事阀门设计开发、生产、销售、服务为一体的专业化制造企业。目前产品已覆盖全国 23 个省、市、自治区，并远销东南亚、中东和欧美地区，广泛用于给排水、电力、石化、冶金等行业。

公司自创办以来通过不断的科技创新和技术改进，产品的结构、性能、质量均已达到先进水平并赢得了广大用户的信赖和好评。公司是主要采用国际 ISO、美国 API、ANSI、英国 BS、德国 DIN、法国 NF、日本 JIS、JPI、中国 GB、JB 等国际先进标准，生产通径 1/4"-40" (DN6-1000mm)，压力级 150Lb-2500Lb (0.1MPa-42MPa)，工作温度 -196℃ ~ +680℃ 的闸阀、截止阀、球阀、止回阀、蝶阀、电站阀、油田阀等。材料主要有碳钢、合金钢、不锈钢、蒙乃尔、20 号合金等，并可根据用户要求制造各种特殊阀门产品。

在未来日益激烈的全球化市场竞争中，我们始终遵循“品质优先、用户至上、精益求精、努力开拓”的品质方针；坚持“以质取胜、在商言信”的经营方针，在阀门这个市场中，走出属于摩恩达的一席之地，愿真诚与各地客商开展广泛合作，携手共进，共谱凯歌。

Zhejiang Med Valves Co., Ltd, which is the upgrading of Yongjia Med Petrochemical Machinery Co., Ltd, was set up in 1986. For more than 20 years, MED has been the recognized pioneer and leading provider of high quality Valves. Incorporating advanced flow control technologies, MED's best of breed solutions have proven themselves in every level of the irrigation, water works and fire protection industries. Today, MED's tailor-made solutions help global customers meet the challenges of the 21st century, delivering superior performance over a long service life at the most competitive price.

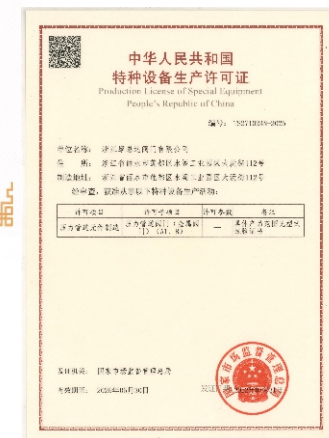
MED Valve is one of the most professional manufacturers of ball valves in China. And we also offer gate valves, globe valves, check valves, bellows valves, butterfly Valves... Our valves are supplied for a broad range of applications in various industries such as power generation, chemical, petrochemical, oil, gas, pulp, paper, mining, cryogenic and ship building... MED Valves strives to maintain the following ethics: Technically qualified personnel delivering the relevant technical expertise and solutions. Sufficient stock levels in order to provide immediate standard order completion. Competitive pricing on all equipment.

All round professionalism and integrity from all staff members MED Valves has passed CE, API, ISO, API certificates. All products supplied by the company are manufactured to the required standards by these registered firms. So for more information on the types of valves we supply, please do not hesitate to contact us by calling 86-577-67358581, or E-mail us. We look forward to hearing from you.

CERTIFICATE 资质证书



ISO 14001



TS



ISO9001



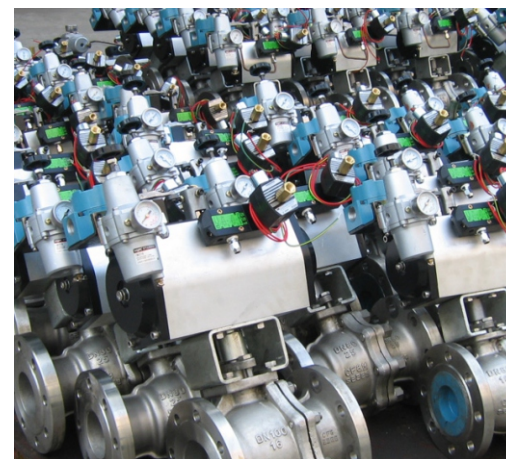
ISO 45001



PRODUCTION CAPACITY 生产能力

QUALITY CONTROL 质量控制







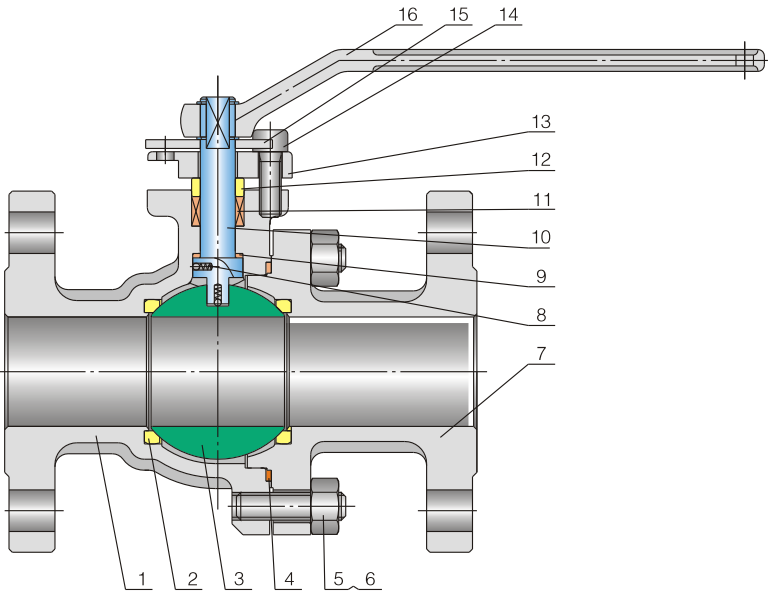
目录Contents

球 阀Ball Valve	01-27
美标阀API Valve	28-46
德标阀DIN Valve	47-55
法兰尺寸 Flanged Dimensions	56-62



二片式浮动铸钢球阀
2PC Floating Cast Ball Valve

主要结构图形 Major Features



主要参数 Main Parameter Specification

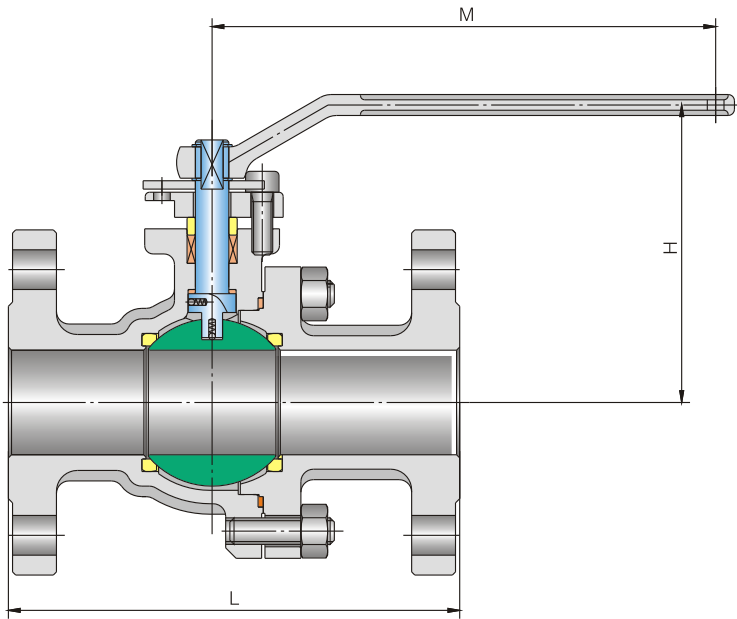
设计和制造 Design and Manufacture: API 6D、ASME B16.34、API 608、MSS-SP-72(BS5351)
结构长度尺寸 End to End Dimension: API 6D、ASME B16.10
法兰连接尺寸 Flange Connection Dimension: ASME B16.5
对焊端尺寸 BW Connection Dimension: ASME B16.25
检查和试验 Test and Inspection: API 6D、API 598
防火设计 Fire-safe Design: API 607/6Fa
防静电设计和防爆阀杆 Anti-static Design & Anti Blow-out Stem

主要材料Main Material

序号 No.	名称 Part Name	材料 Material
1	左阀体 Left Body	A216-WCB、WCC、A352-LCB、LCC、A351-CF8、CF8M、CF3、CF3M、CN7M、CF8C、CD4MCu、CN-3MN
2	阀座 Seat	PTFE、RPTFE、PEEK、PPLL、POM、KARBATE、NYLON、MOLON、DEVLON
3	球 Ball	A105+ENP、A350 LF2+ENP、A182 F6、F304、F304L、F316、F316L、F51、F53、ALLOY-20、SS321
4	垫片 Gasket	Flexble Graphite+304、Flexble Graphite+316、PTFE
5	螺柱 Bolt	A194-2H、2MH、8、8M
6	螺母 Nut	A193-B7、B7M、B8、B8M
7	右阀体 Right Body	A216-WCB、WCC、A352-LCB、LCC、A351-CF8、CF8M、CF3、CF3M、CN7M、CF8C、CD4MCu、CN-3MN
8	小弹簧 Small Spring	SS304、SS316
9	止推垫片 Thrust Washer	PTFE、RPTFE、Stainless Steel+N
10	阀杆 Stem	A276-T410、304、304L、316、316L、321、ALLOY-20、1045+ENP、A182-F51、F53、4140+ENP、17-4PH
11	填料 Packing	Flexible Graphite、PTFE
12	填料压套 Gland	A276-304、304L、316、316L、321、ALLOY-20、A182-F51、F53
13	填料压盖 Gland Flange	A216-WCB、A351-CF8
14	螺钉 Screw	A193-B7、B8
15	定位板 Limited Plate	1025、Stainless Steel
16	手柄 Wrench	A216-WCB

二片式浮动铸钢球阀
2PC Floating Cast Ball Valve

结构形式及尺寸表 Construction and Dimension



Class 150Lb

Size (in)	L			H≈	M≈	W≈
	RF	RTJ	BW			
1/2 × 3/8 Ⓢ	108	—	140	79	140	2.5
1/2	108	—	140	79	140	2.5
3/4 × 1/2 Ⓢ	117	—	152	79	140	3
3/4	117	—	152	96	160	3
1 × 3/4 Ⓢ	127	140	165	96	160	4.5
1 × 1/2 Ⓢ	127	140	165	79	140	3.2
1	127	140	165	96	160	4.5
1 1/4	140	152	178	102	180	5.2
1 1/2 × 1 Ⓢ	165	178	191	96	160	5.5
1 1/2 × 1 1/4 Ⓢ	165	178	191	102	180	5.5
1 1/2	165	178	191	118	200	6.5
2 × 1 1/4 Ⓢ	178	191	216	102	180	5.7
2 × 1 1/2 Ⓢ	178	191	216	118	200	6
2	178	191	216	147	250	9
2 1/2	191	203	241	152	300	14
3 × 2 Ⓢ	203	216	283	147	250	14
3 × 2 1/2 Ⓢ	203	216	283	152	300	16
3	203	216	283	153	350	19
4 × 2 1/2 Ⓢ	229	241	305	152	300	23
4 × 3 Ⓢ	229	241	305	153	350	26
4	229	241	305	204	400	32
6 × 3 Ⓢ	267	279	403	153	350	32

Ⓢ规则孔 Regular bore; Ⓢ缩孔 Reduce bore; ※齿轮箱操作。※ Gear operation.
■W 指RF法兰面球阀重量 The W in the table means weight of flanged end ball valve.

Size (in)	L			H≈	M≈	W≈
	RF	RTJ	BW			
6 × 4 Ⓢ	267	279	403	204	400	57
6	394	406	457	342	750	67
8 × 4 Ⓢ	292	305	419	204	400	65
8 × 6 Ⓢ	292	305	419	342	750	75
8 Ⓢ	457	470	521	456	300※	130
10 × 6 Ⓢ	330	343	457	342	750	—
10 × 8 Ⓢ	330	343	457	456	300※	145
10	533	546	559	511	400※	250
12 × 10 Ⓢ	610	622	635	511	400※	290
14 × 10 Ⓢ	686	699	762	511	400※	320
16 × 10 Ⓢ	762	775	838	511	400※	360
12	610	622	635	517	600※	470
14 × 12 Ⓢ	686	699	762	517	600※	490
16 × 12 Ⓢ	762	775	838	517	600※	520
18 × 12 Ⓢ	864	876	914	517	600※	535
14	686	699	762	569	800※	500
16 × 14 Ⓢ	762	775	838	569	800※	541
18 × 14 Ⓢ	864	876	914	569	800※	589
20 × 14 Ⓢ	914	927	991	569	800※	620
16	762	775	838	680	800※	810
18 × 16 Ⓢ	864	876	914	680	800※	850
18	864	876	914	692	800※	920

二片式浮动铸钢球阀
2PC Floating Cast Ball Valve

结构形式及尺寸表 Construction and Dimension

Class 300Lb						
Size (in)	L			H≈	M≈	W≈
	RF	RTJ	BW			
1/2 × 3/8 ㊟	140	151	140	79	140	3
1/2	140	151	140	79	140	3.5
3/4 × 1/2 ㊟	152	165	152	79	140	4
3/4	152	165	152	90	160	4
1 × 3/4 ㊟	165	178	165	90	160	4.5
1 × 1/2 ㊟	165	178	165	79	140	3.2
1	165	178	165	94	160	5
1 1/4	178	191	178	102	160	8
1 1/2 × 1 ㊟	191	203	191	94	160	5.5
1 1/2 × 1 1/4 ㊟	191	203	191	102	160	5.5
1 1/2	191	203	191	120	200	11
2 × 1 1/4 ㊟	216	232	216	102	160	5.7
2 × 1 1/2 ㊟	216	232	216	120	200	6
2	216	232	216	142	250	13
2 1/2	241	257	241	158	300	25
3 × 2 ㊟	283	298	283	147	250	14
3 × 2 1/2 ㊟	283	298	283	158	300	28
3	283	298	283	170	350	30
4 × 2 1/2 ㊟	305	321	305	158	300	33
4 × 3 ㊟	305	321	305	170	350	38
4	305	321	305	210	400	45
6 × 3 ㊟	403	419	403	170	350	48

Class 600Lb						
Size (in)	L			H≈	M≈	W≈
	RF	RTJ	BW			
1/2 × 3/8 ㊟	165	163	165	85	160	4
1/2	165	163	165	85	160	4.5
3/4 × 1/2 ㊟	191	191	191	85	160	6
3/4	191	191	191	93	200	7
1 × 3/4 ㊟	216	216	216	93	200	8
1 × 1/2 ㊟	216	216	216	85	160	6.6
1	216	216	216	99	200	10
1 1/4	229	229	229	100	200	15
1 1/2 × 1 ㊟	241	241	241	99	200	13
1 1/2 × 1 1/4 ㊟	241	241	241	100	200	17
1 1/2	241	241	241	117	200	20

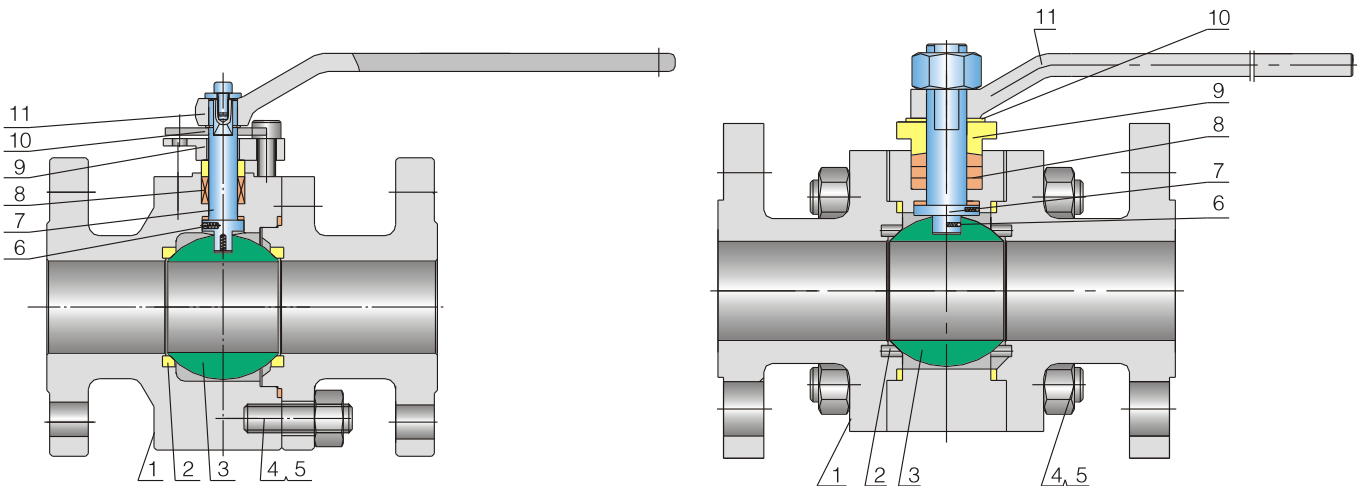
㊟规则孔 Regular bore; ㊟缩孔 Reduce bore; ※齿轮箱操作。※ Gear operation.
■W 指RF法兰面球阀重量 The W in the table means weight of flanged end ball valve.

Class 300Lb						
Size (in)	L			H≈	M≈	W≈
	RF	RTJ	BW			
6 × 4 ㊟	403	419	403	210	400	57
6	403	419	457	366	800	90
8 × 4 ㊟	419	435	419	210	400	75
8 × 6 ㊟	419	435	419	366	800	100
8 ㊟	502	518	521	440	400※	201
10 × 6 ㊟	568	584	457	440	400※	222
10 × 8 ㊟	648	664	457	440	400※	252
10	568	584	559	525	700※	350
12 × 10 ㊟	648	664	635	525	700※	381
14 × 10 ㊟	762	778	762	525	700※	420
16 × 10 ㊟	838	854	838	525	700※	461
12	648	664	635	590	800※	539
14 × 12 ㊟	762	778	762	590	800※	567
16 × 12 ㊟	838	854	838	590	800※	612
18 × 12 ㊟	914	930	914	590	800※	650
14	762	778	762	649	800※	838
16 × 14 ㊟	838	854	838	649	800※	878
18 × 14 ㊟	914	930	914	649	800※	920
20 × 14 ㊟	991	1010	991	649	800※	1002
16	838	854	838	683	800※	1167
18 × 16 ㊟	914	930	914	683	800※	1257
18	914	930	914	729	900※	1526

Size (in)	L			H≈	M≈	W≈
	RF	RTJ	BW			
2 × 1 1/4 ㊟	292	295	292	100	200	21
2 × 1 1/2 ㊟	292	295	292	117	200	28
2	292	295	292	180	350	27
2 1/2	330	333	330	210	400	45
3 × 2 ㊟	356	359	356	180	350	33
3 × 2 1/2 ㊟	356	359	356	210	400	51
3	356	359	356	244	700	56
4 × 2 1/2 ㊟	432	435	432	210	400	58
4 × 3 ㊟	432	435	432	244	700	63
4	432	435	432	265	800	95

二片式、三片式浮动锻钢球阀
2PC/3PC Floating Forged Ball Valve

主要结构图形 Major Features



主要参数 Main Parameter Specification

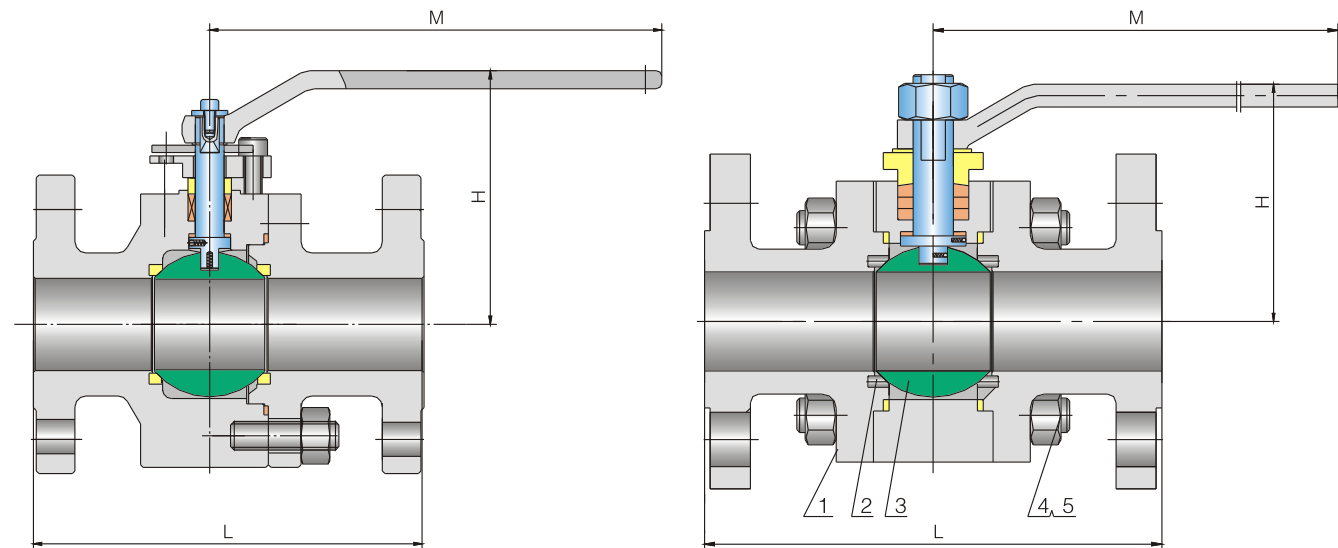
设计和制造 Design and Manufacture: API 6D、ASME B16.34(BS5351)、API 608、MSS-SP-72
结构长度尺寸 End to End Dimension: API 6D、ASME B16.10
法兰连接尺寸 Flange Connection Dimension: ASME B16.5
对焊端尺寸 BW Connection Dimension: ASME B16.25
检查和试验 Test and Inspection: API 6D、API 598
防火设计 Fire-safe Design: API 607/6Fa
防静电设计和防爆阀杆 Anti-static Design & Anti Blow-out Stem

主要材料 Main Material

序号 No.	名称 Part Name	材料 Material
1	阀体 Body	A105, A350-LF2, A182-F304、F304L、F316、F316L、F51、F53
2	阀座 Seat	PTFE、RPTFE、PPL、PEEK、NYLON
3	球 Ball	A105+ENP, A351 LF2、F6、F304、F316、F51、F53
4	螺柱 Stud	ASTM A193 B7、B8
5	螺母 Nut	ASTM A194 2H、8
6	弹簧 Spring	SS304、SS316
7	阀杆 Stem	1045+ENP、ASTM A182 F6、F304、F316、F51、F53
8	填料 Packing	Flexible Graphite、PTFE
9	压板 Gland	ASTM A216 WCB、ASTM A351 CF8
10	限位件 Limited Plate	1025、Stainless Steel
11	手柄 Wrench	ASTM A216 WCB

二片式、三片式浮动锻钢球阀
2PC/3PC Floating Forged Ball Valve

结构形式及尺寸表 Construction and Dimension



Class 150Lb

Size (in)	L			H≈	M≈	W≈ (kg)
	RF	RTJ	BW			
1/2 × 3/8 ⑥	108	—	140	79	140	3.0
1/2	108	—	140	79	140	3.0
3/4 × 1/2 ⑥	117	—	152	79	140	3.6
3/4	117	—	152	96	160	3.6
1 × 3/4 ⑥	127	140	165	96	160	5.4
1 × 1/2 ⑥	127	140	165	79	140	4.0
1	127	140	165	96	160	5.4
1 1/4	140	152	178	102	180	6.8
1 1/2 × 1 ⑥	165	178	191	96	160	7.0
1 1/2 × 1 1/4 ⑥	165	178	191	102	180	7.0
1 1/2	165	178	191	118	200	8.5
2 × 1 1/4 ⑥	178	191	216	102	180	9.0
2 × 1 1/2 ⑥	178	191	216	118	200	10.5
2	178	191	216	147	250	12
2 1/2	191	203	241	152	300	17

Size (in)	L			H≈	M≈	W≈ (kg)
	RF	RTJ	BW			
3 × 2 ⑥	203	216	283	147	250	17
3 × 2 1/2 ⑥	203	216	283	152	300	20
3	203	216	283	153	350	23
4 × 2 1/2 ⑥	229	241	305	152	300	28
4 × 3 ⑥	229	241	305	153	350	32
4	229	241	305	204	400	40
6 × 3 ⑥	394	406	457	153	350	40
6 × 4 ⑥	394	406	457	204	400	68
6	394	406	457	342	800	80
8 × 4 ⑥	457	470	521	204	400	78
8 × 6 ⑥	457	470	521	342	800	90
8	457	470	521	456	300*	156
10 × 6 ⑥	533	546	559	342	800	—
10 × 8 ⑥	533	546	559	456	300*	174
10	533	546	559	511	400*	300

⑥规则孔 Regular bore; ⑦缩孔 Reduce bore; ※齿轮箱操作。※ Gear operation.
■W 指RF法兰面球阀重量 The W in the table means weight of therefore end ball valve.

二片式、三片式浮动锻钢球阀
2PC/3PC Floating Forged Ball Valve

结构形式及尺寸表 Construction and Dimension

Size (in)	L			H≈	M≈	W≈ (kg)
	RF	RTJ	BW			
1/2 × 3/8 ⑥	140	151	140	79	140	3.6
1/2	140	151	140	79	140	4.2
3/4 × 1/2 ⑥	152	165	152	79	140	5
3/4	152	165	152	96	160	5
1 × 3/4 ⑥	165	178	165	96	160	5.5
1 × 1/2 ⑥	165	178	165	79	140	4
1	165	178	165	100	160	6
1 1/4	178	191	178	102	200	10
1 1/2 × 1 ⑥	191	203	191	100	160	6.6
1 1/2 × 1 1/4 ⑥	191	203	191	102	200	6.6
1 1/2	191	203	191	120	200	3
2 × 1 1/4 ⑥	216	232	216	102	200	6.8
2 × 1 1/2 ⑥	216	232	216	120	200	7.5
2	216	232	216	147	250	15.5
2 1/2	241	257	241	152	300	30
3 × 2	283	298	283	147	250	17
3 × 2 1/2 ⑥	283	298	283	152	300	34
3	283	298	283	163	350	36
4 × 2 1/2 ⑥	305	321	305	152	300	40
4 × 3 ⑥	305	321	305	163	350	46
4	305	321	305	210	400	54
6 × 3 ⑥	403	419	403	163	350	58
6 × 4 ⑥	403	419	403	210	400	68
6	403	419	403	366	800	108
8 × 4 ⑥	502	518	521	210	400	90
8 × 6 ⑥	502	518	521	366	800	120
8	502	518	521	440	400	242

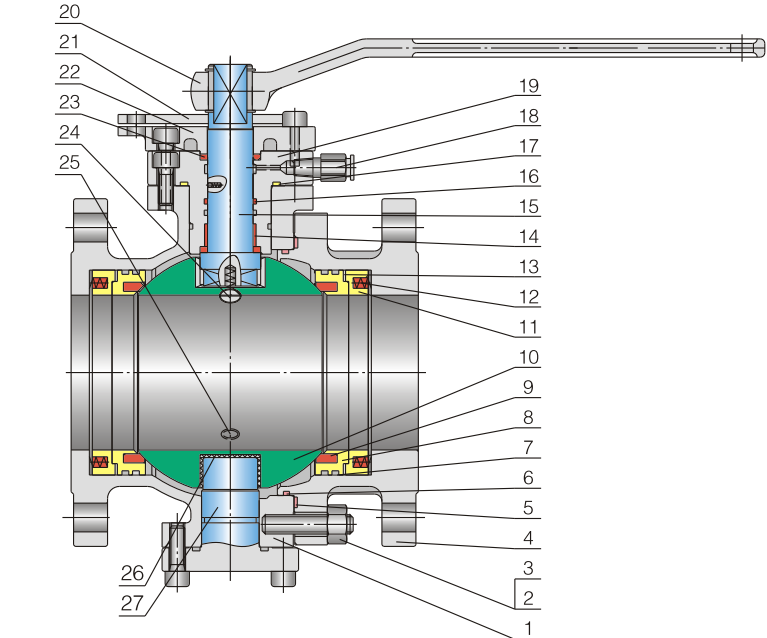
⑥规则孔 Regular bore; ⑦缩孔 Reduce bore; ※齿轮箱操作。※ Gear operation.
■W 指RF法兰面球阀重量 The W in the table means weight of therefore end ball valve.

Size (in)	L			H≈	M≈	W≈ (kg)
	RF	RTJ	BW			
1/2 × 3/8 ⑥	165	163	165	85	160	4.8
1/2	165	163	165	85	160	5.5
3/4 × 1/2 ⑥	191	191	191	85	160	7.5
3/4	191	191	191	93	200	8.5
1 × 3/4 ⑥	216	216	216	93	200	9.5
1 × 1/2 ⑥	216	216	216	85	160	8
1	216	216	216	99	200	12
1 1/4	229	229	229	100	200	18
1 1/2 × 1 ⑥	241	241	241	99	200	15.5
1 1/2 × 1 1/4 ⑥	241	241	241	100	200	20.5
1 1/2	241	241	241	117	200	24
2 × 1 1/4 ⑥	292	295	292	100	200	25
2 × 1 1/2 ⑥	292	295	292	117	200	33.5
2	292	295	292	180	350	32.5
2 1/2	330	333	330	210	400	54
3 × 2	356	359	356	180	350	40
3 × 2 1/2 ⑥	356	359	356	210	400	61
3	356	359	356	244	700	67
4 × 2 1/2 ⑥	432	435	432	210	400	70
4 × 3 ⑥	432	435	432	244	700	75.5
4	432	435	432	265	800	114

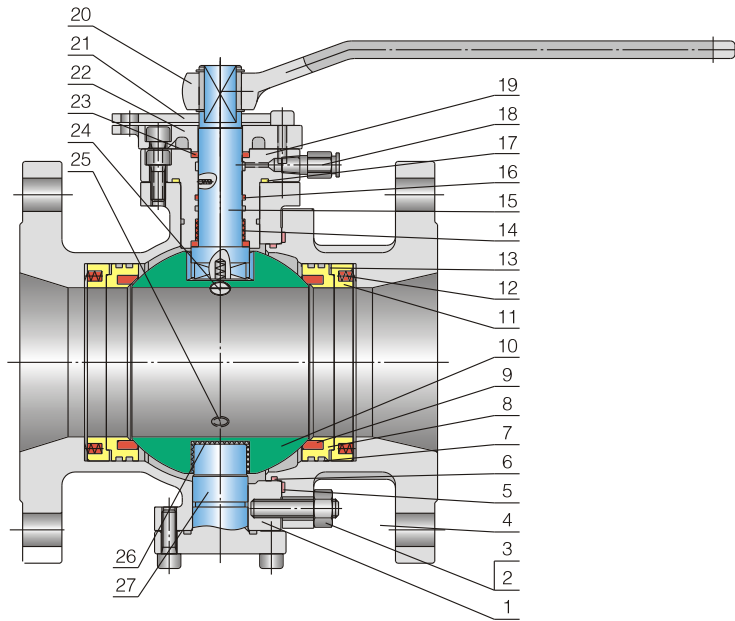
二片式固定铸钢球阀
2PC Trunnion Cast Ball Valve

二片式固定铸钢球阀
2PC Trunnion Cast Ball Valve

主要结构图形 Major Features



二片式固定铸钢球阀 2PC Trunnion Cast Ball Valve



二片式缩口固定球阀 2PC Reduced Port Trunnion Ball Valve

主要参数 Main Parameter Specification

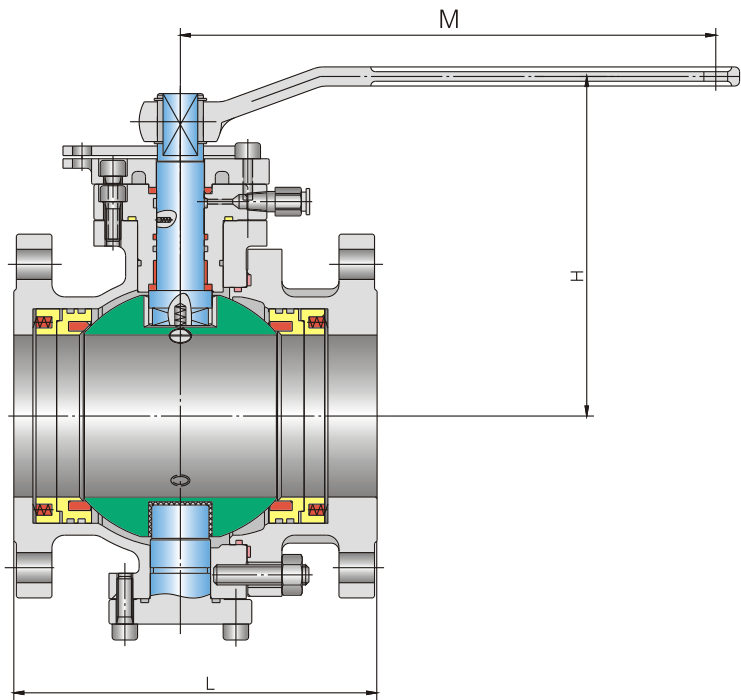
设计和制造 Design and Manufacture: API 6D、ASME B16.34(BS5351)、API 608、MSS-SP-72
结构长度尺寸 End to End Dimension: API 6D、ASME B16.10
法兰连接尺寸 Flange Connection Dimension: ASME B16.5
对焊端尺寸 BW Connection Dimension: ASME B16.25
检查和试验 Test and Inspection: API 6D、API 598
防火设计 Fire-safe Design: API 607/6Fa
防静电设计和防爆阀杆 Anti-static Design & Anti Blow-out Stem

主要材料 Main Material

序号 No.	名称 Part Name	材料 Material
1	左阀体 Left Body	A216-WCB、WCC, A352-LCB, A351-CF8、CF8M、CF3、CF3M、CN7M、CF8C、CD4MCu、CN-3MN
2	螺母 Nut	A194-2H、2HM、8、8M
3	螺栓 Bolt	A193-B7、B7M、B8、B8M
4	右阀体 Right Body	A216-WCB、WCC, A352-LCB, A351-CF8、CF8M、CF3、CF3M、CN7M、CF8C、CD4MCu、CN-3MN
5	垫片 Gasket	SS304、SS316+Flexible Graphite Spiral Wound
6	O型圈 O-Ring	NBR、VITON
7	O型圈 O-Ring	NBR、VITON
8	阀座圈 Seat Ring	A105+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20
9	阀座 Seat	PTFE、RPTFE、NYLON、PEEK、PPL、POM、KARBATE、MOLON、DEVLON
10	球 Ball	A105+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20
11	压环 Compression ring	A105、F304、F316、F6、F321、F51、F53
12	弹簧 Spring	SS304、Inconel、1566+ENP
13	密封圈 Sealing Ring	Flexible Graphite
14	复合轴承 Bearing	1045+RPTFE、SS304+RPTFE、SS316+RPTFE
15	阀杆 Stem	A1045+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20、4140+ENP、17-4PH
16	O型圈 O-Ring	NBR、VITON
17	密封圈 Sealing Ring	SS304、SS316+Flexible Graphite Spiral Wound
18	注油阀 Oil Cup	1025、SS304
19	连接盘 Connecting Plate	1025、A216-WCB、A351 CF8
20	手柄 Lever	A216-WCB+1020
21	定位板 Limited Plated	1035、Stainless Steel
22	压板 Gland flanged	A105+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20
23	填料 Packing	Flexible Graphite
24、25	丝堵和放泄阀 Drain Valve and Plug	A1025, SS304、SS304L、SS316、SS316L、SS321、ALLOY-20、F51、F53
26	垫圈 Adjusting Ring	PTFE、1045+RTPFE、Stainless Steel+RTPFE
27	固定轴 Trunnion	A1045+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20、4140+ENP、17-4PH

二片式固定铸钢球阀
2PC Trunnion Cast Ball Valve

结构形式及尺寸表 Construction and Dimension



Class 150Lbmm							
Size (in)	L			H≈	H ₁ ≈	M≈	W≈
	RF	RTJ	BW				
2	178	191	216	168	83	250	10
3 × 2 [Ⓢ]	203	216	283	168	83	250	11.7
2 1/2	191	203	241	175	102	300	14
3 × 2 1/2 [Ⓢ]	203	216	283	175	102	300	15
4 × 2 1/2 [Ⓢ]	229	241	305	175	102	300	16.7
3	203	216	283	186	117	350	22
4 × 3 [Ⓢ]	229	241	305	186	117	350	25
6 × 3 [Ⓢ]	394	406	457	186	117	350	31.3
4	229	241	305	225	141	450	35
6 × 4 [Ⓢ]	394	406	457	225	141	450	42.5
8 × 4 [Ⓢ]	457	470	521	225	141	450	51.5

Ⓢ规则孔 Regular bore; Ⓢ缩孔 Reduce bore
■W 指RF法兰面球阀重量 The W in the table means weight of flanged end ball valve.

Class 300Lbmm							
Size (in)	L			H≈	H ₁ ≈	M≈	W≈
	RF	RTJ	BW				
2	216	232	216	168	95	250	15
3 × 2 [Ⓢ]	283	298	283	168	95	250	20
2 1/2	241	257	241	175	107	300	24
3 × 2 1/2 [Ⓢ]	283	298	283	175	107	300	28
4 × 2 1/2 [Ⓢ]	305	321	305	175	107	300	34
3	283	298	283	186	122	350	30
4 × 3 [Ⓢ]	305	321	305	186	122	350	44
6 × 3 [Ⓢ]	403	419	457	186	122	350	52
4	305	321	305	225	148	450	55
6 × 4 [Ⓢ]	403	419	457	225	148	450	65
8 × 4 [Ⓢ]	502	518	521	225	148	450	82

结构形式及尺寸表 Construction and Dimension

Class 600Lbmm							
Size (in)	L			H≈	H ₁ ≈	M≈	W≈
	RF	RTJ	BW				
2	292	295	292	195	100	500	33
3 × 2 [Ⓢ]	356	359	356	195	100	500	37
2 1/2	330	333	330	220	115	600	47
3 × 2 1/2 [Ⓢ]	356	359	356	220	115	600	48.8
4 × 2 1/2 [Ⓢ]	432	435	432	220	115	600	57.5
3	356	359	356	247	126	700	58
4 × 3 [Ⓢ]	432	435	432	247	126	700	72
6 × 3 [Ⓢ]	559	562	559	247	126	700	97.8
4	432	435	432	275	154	900	83
6 × 4 [Ⓢ]	559	562	559	275	154	900	102.8
8 × 4 [Ⓢ]	660	664	660	275	154	900	109.6

Ⓢ规则孔 Regular bore; Ⓢ缩孔 Reduce bore
■W 指RF法兰面球阀重量 The W in the table means weight of flanged end ball valve.

Class 1500Lbmm							
Size (in)	L			H≈	H ₁ ≈	M≈	W≈
	RF	RTJ	BW				
2	368	371	368	237	122	800	40
3 × 2 [Ⓢ]	470	473	470	237	122	800	50
2 1/2	419	422	419	261	148	900	64
3 × 2 1/2 [Ⓢ]	470	473	470	261	148	900	70
4 × 2 1/2 [Ⓢ]	546	549	546	261	148	900	86
3	470	473	470	269	163	1000	95
4 × 3 [Ⓢ]	546	549	546	269	163	1000	108
6 × 3 [Ⓢ]	705	711	705	269	163	1000	160
4	546	549	546	297	173	—	180
6 × 4 [Ⓢ]	705	711	705	297	173	—	225
8 × 4 [Ⓢ]	832	841	832	297	173	—	297

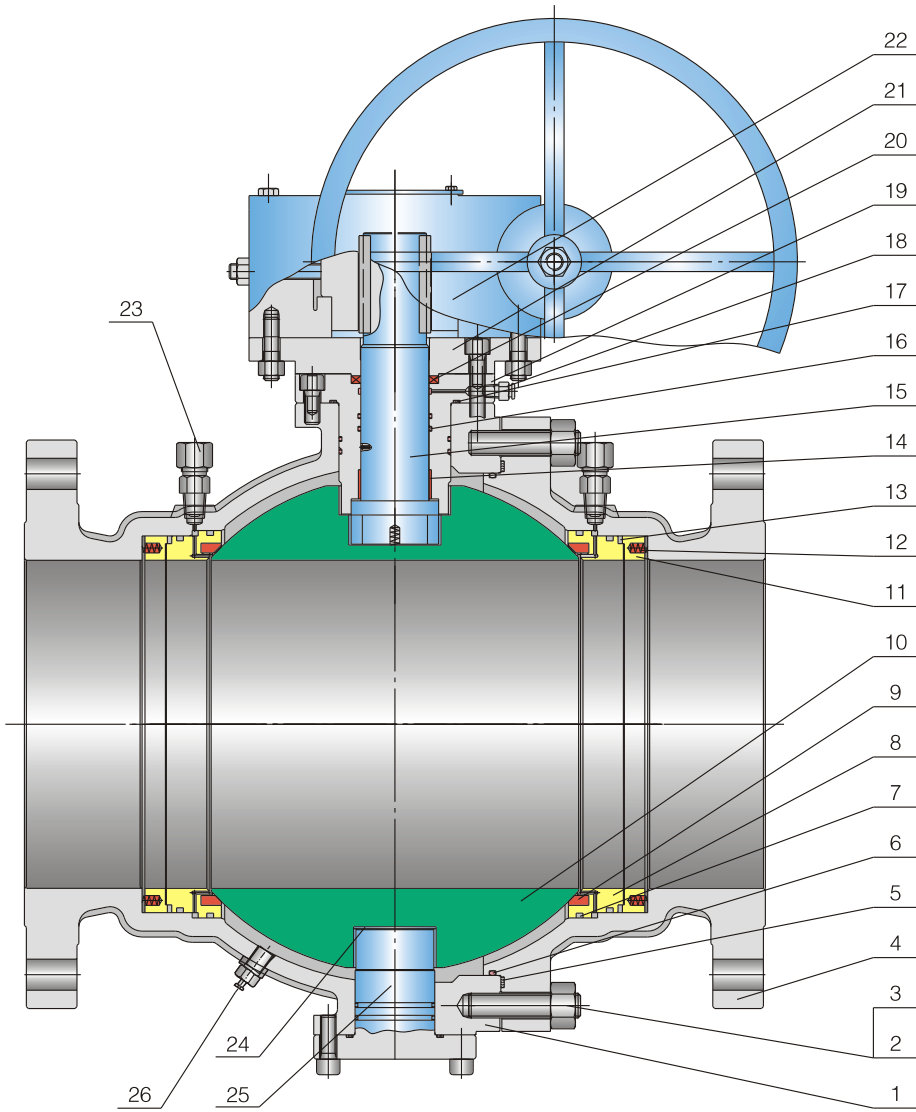
Ⓢ规则孔 Regular bore; Ⓢ缩孔 Reduce bore
■W 指RF法兰面球阀重量 The W in the table means weight of flanged end ball valve.

二片式固定铸钢球阀
2PC Trunnion Cast Ball Valve

Class 900Lbmm							
Size (in)	L			H≈	H ₁ ≈	M≈	W≈
	RF	RTJ	BW				
2	368	371	368	217	118.5	500	39
3 × 2 [Ⓢ]	381	384	381	217	118.5	500	44
2 1/2	419	422	419	241	133	600	55
3 × 2 1/2 [Ⓢ]	381	384	381	241	133	600	58
4 × 2 1/2 [Ⓢ]	457	460	457	241	133	600	62.1
3	381	384	381	259	141	900	68
4 × 3 [Ⓢ]	457	460	457	259	141	900	82
6 × 3 [Ⓢ]	610	613	610	259	141	900	106.1
4	457	460	457	297	167	1000	98
6 × 4 [Ⓢ]	610	613	610	297	167	1000	127
8 × 4 [Ⓢ]	737	740	737	297	167	1000	171.1

二片式固定铸钢球阀
2PC Trunnion Cast Ball Valve

主要结构图形 Major Features



主要参数 Main Parameter Specification

设计和制造 Design and Manufacture: API 6D、ASME B16.34(BS5351)、API 608、MSS-SP-72
结构长度尺寸 End to End Dimension: API 6D、ASME B16.10
法兰连接尺寸 Flange Connection Dimension: ASME B16.5, NPS≥26" Per as ASME B16.47
对焊端尺寸 BW Connection Dimension: ASME B16.25
检查和试验 Test and Inspection: API 6D、API 598
防火设计 Fire-safe Design: API 607/6Fa
防静电设计和防爆阀杆 Anti-static Design & Anti Blow-out Stem

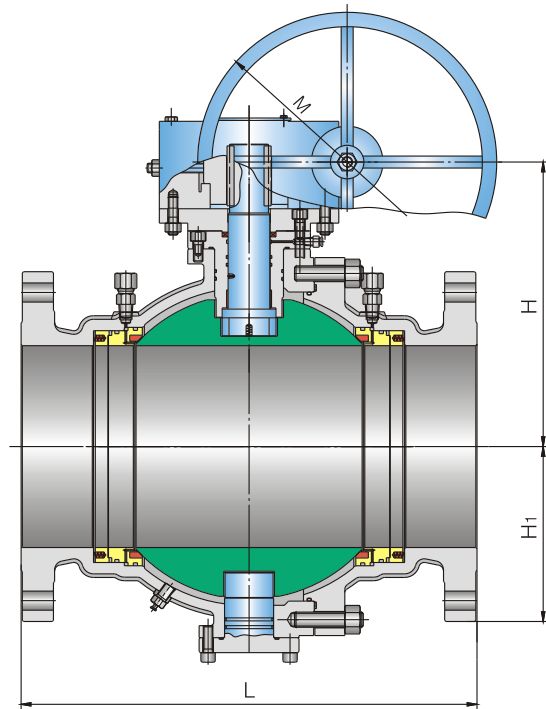
二片式固定铸钢球阀
2PC Trunnion Cast Ball Valve

主要材料 Main Material

序号 No.	名称 Part Name	材料 Material
1	左阀体 Left Body	A216-WCB、WCC, A352-LCB, A351-CF8、CF8M、CF3、CF3M、CN7M、CF8C、CD4MCu、CN-3MN
2	螺母 Nut	A194-2H、2HM、8、8M
3	螺栓 Bolt	A193-B7、B7M、B8、B8M
4	右阀体 Right Body	A216-WCB、WCC, A352-LCB, A351-CF8、CF8M、CF3、CF3M、CN7M、CF8C、CD4MCu、CN-3MN
5	垫片 Gasket	SS304、SS316+Flexible Graphite Spiral Wound
6	O型圈 O-Ring	NBR、VITON
7	O型圈 O-Ring	VITON
8	阀座圈 Seat Ring	A105+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20
9	阀座 Seat	PTFE、RPTFE、NYLON、PEEK、PPL、POM、KARBATE、MOLON、DEVLON
10	球 Ball	A105+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20
11	压环 Compression ring	A105、F304、F316、F6、F321、F51、F53
12	弹簧 Spring	SS304、Inconel、1566+ENP
13	密封圈 Sealing Ring	Flexble Graphite
14	复合轴承 Bearing	1045+RPTFE、SS304+RPTFE、SS316+RPTFE
15	阀杆 Stem	1045+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20、4140+ENP、17-4PH
16	O型圈 O-Ring	VITON
17	密封圈 Sealing Ring	SS304、SS316+Flexible Graphite Spiral Wound
18	注油阀 Oil Cup	1025、SS304
19	填料箱 Stuffing Box	A105+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20
20	填料 Packing	Flexible Graphite
21	连接盘 Connecting Plate	1025、A216-WCB、A351 CF8
22	齿轮 Gear	
23	注脂阀 Grease fitting	1025、SS304、SS316、F51、F53
24	垫圈 Adujsting Ring	PTFE、1045+RTPFE、Stainless Steel+RTPFE
25	固定轴 Trunnion	1045+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20、4140+ENP、17-4PH
26	丝堵和放泄阀 Drain Valve and Plug	1025, SS304、SS316、F51、F53、ALLOY-20

二片式固定铸钢球阀
2PC Trunnion Cast Ball Valve

结构形式及尺寸表 Construction and Dimension



Class 150Lb							mm
Size (in)	L			H ≈	H ₁ ≈	M ≈	W ≈
	RF	RTJ	BW				
6	394	406	457	280	193	300	74
8 × 6 ㊟	457	470	521	280	193	300	83
10 × 6 ㊟	533	546	559	280	193	300	95.2
8	457	470	521	345	217	300	111
10 × 8 ㊟	533	546	559	345	217	300	123.4
12 × 8 ㊟	610	622	635	345	217	300	142
10	533	546	559	395	270	300	217
12 × 10 ㊟	610	622	635	395	270	300	235
14 × 10 ㊟	686	699	762	395	270	300	253
16 × 10 ㊟	762	775	838	395	270	300	277
12	610	622	635	527	323	300	385
14 × 12 ㊟	686	699	762	527	323	300	402
16 × 12 ㊟	762	775	838	527	323	300	426
18 × 12 ㊟	864	876	914	527	323	300	450
14	686	699	762	570	355	400	457
16 × 14 ㊟	762	775	838	570	355	400	481
18 × 14 ㊟	864	876	914	570	355	400	505
20 × 14 ㊟	914	927	991	570	355	400	536
16	762	775	838	498	398	450	723
18 × 16 ㊟	864	876	914	498	398	450	765
20 × 16 ㊟	914	927	991	498	398	450	832

Class 300Lb							mm
Size (in)	L			H ≈	H ₁ ≈	M ≈	W ≈
	RF	RTJ	BW				
6	403	419	403	285	201	300	90
8 × 6 ㊟	502	518	502	285	201	300	107
10 × 6 ㊟	568	584	568	285	201	300	127
8	502	518	502	345	232	400	201
10 × 8 ㊟	568	584	568	345	232	400	222
12 × 8 ㊟	648	664	648	345	232	400	252
10	568	584	568	451	283	400	350
12 × 10 ㊟	648	664	648	451	283	400	381
14 × 10 ㊟	762	778	762	451	283	400	420
16 × 10 ㊟	838	854	838	451	283	400	461
12	648	664	648	570	335	400	510
14 × 12 ㊟	762	778	762	570	335	400	547
16 × 12 ㊟	838	854	838	570	335	400	592
18 × 12 ㊟	914	930	914	570	335	400	638
14	762	778	762	600	360	450	720
16 × 14 ㊟	838	854	838	600	360	450	760
18 × 14 ㊟	914	930	914	600	360	450	808
20 × 14 ㊟	991	1010	991	600	360	450	884
16	838	854	838	638	398	500	1167
18 × 16 ㊟	914	930	914	638	398	500	1257
20 × 16 ㊟	991	1010	991	638	398	500	1365

㊟规则孔 Regular bore; ㊟缩孔 Reduce bore
■W 指RF法兰面球阀重量 The W in the table means weight of flanged end ball valve.

二片式固定铸钢球阀
2PC Trunnion Cast Ball Valve

结构形式及尺寸表 Construction and Dimension

Class 600Lb							mm
Size (in)	L			H≈	H ₁ ≈	M≈	W≈
	RF	RTJ	BW				
6	559	562	559	305	198	300	174
8 × 6 ㊟	660	664	660	305	198	300	198
10 × 6 ㊟	787	791	787	305	198	300	244
8	660	664	660	365	252	3400	339
10 × 8 ㊟	787	791	787	365	252	3400	386
12 × 8 ㊟	838	841	838	365	252	3400	420
10	787	791	787	484	299	450	515
12 × 10 ㊟	838	841	838	484	299	450	545
14 × 10 ㊟	889	892	889	484	299	450	576
16 × 10 ㊟	991	994	991	484	299	450	648
12	838	841	838	580	343	500	960
14 × 12 ㊟	889	892	889	580	343	500	992
16 × 12 ㊟	991	994	991	580	343	500	1072
18 × 12 ㊟	1092	1095	1092	580	343	500	1142
14	889	892	889	608	377	500	1250
16 × 14 ㊟	991	994	991	608	377	500	1328
18 × 14 ㊟	1092	1095	1092	608	377	500	1405
20 × 14 ㊟	1194	1200	1194	608	377	500	1513
16	991	994	991	663	416	500	1415
18 × 16 ㊟	1092	1095	1092	663	416	500	1615
20 × 16 ㊟	1194	1200	1194	663	416	500	1692

Class 1500Lb							mm
Size (in)	L			H ≈	H ₁ ≈	M ≈	W ≈
	RF	RTJ	BW				
6	705	711	705	365	211	400	380
8 × 6 ㊟	832	841	832	365	211	400	485
10 × 6 ㊟	991	1000	991	365	211	400	635
8	832	841	832	475	274	450	750
10 × 8 ㊟	991	1000	991	475	274	450	956
12 × 8 ㊟	1130	1146	1130	475	274	450	1056
10	991	1000	991	578	310	500	1165
12 × 10 ㊟	1130	1146	1130	578	310	500	1267
14 × 10 ㊟	1257	1276	1257	578	310	500	1465
16 × 10 ㊟	1384	1407	1384	578	310	500	1592
12	1130	1146	1130	696	485	500	1625
14 × 12 ㊟	1257	1276	1257	696	485	500	1825
16 × 12 ㊟	1384	1407	1384	696	485	500	1900
14	1257	1276	1257	761	510	550	1980
16 × 14 ㊟	1384	1407	1384	761	510	550	2280

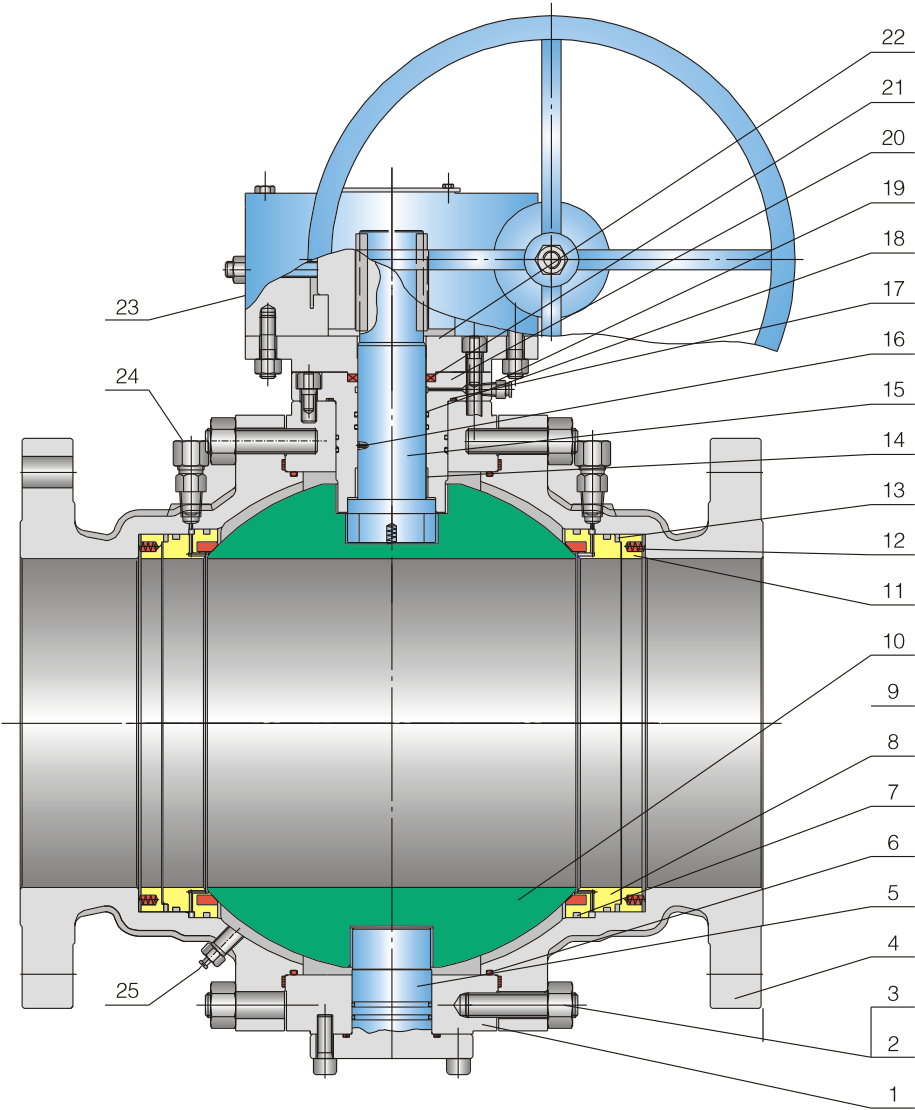
㊟规则孔 Regular bore; ㊟缩孔 Reduce bore
■W 指RF法兰面球阀重量 The W in the table means weight of flanged end ball valve.

Class 900Lb							mm
Size (in)	L			H≈	H ₁ ≈	M≈	W≈
	RF	RTJ	BW				
6	610	613	610	360	250	400	220
8 × 6 ㊟	737	740	737	360	250	400	263
10 × 6 ㊟	838	841	838	360	250	400	316
8	737	740	737	394	280	450	500
10 × 8 ㊟	838	841	838	394	280	450	551
12 × 8 ㊟	965	968	965	394	280	450	620
10	838	841	838	502	325	500	942
12 × 10 ㊟	965	968	965	502	325	500	1010
14 × 10 ㊟	1029	1038	1029	502	325	500	1054
16 × 10 ㊟	1130	1140	1130	502	325	500	1143
12	965	968	965	592	380	500	1200
14 × 12 ㊟	1029	1038	1029	592	380	500	1310
16 × 12 ㊟	1130	1140	1130	592	380	500	1420
18 × 12 ㊟	1219	1232	1219	592	380	500	1550
14	1029	1038	1029	675	395	550	1655
16 × 14 ㊟	1130	1140	1130	675	395	550	1855
18 × 14 ㊟	1219	1232	1219	675	395	550	—
20 × 14 ㊟	1321	1334	1321	675	395	550	—
16	1130	1140	1130	762	426	550	1903
18 × 16 ㊟	1219	1232	1219	762	426	550	2030
20 × 16 ㊟	1321	1334	1321	762	426	550	2374

Class 2500Lb							mm
Size (in)	L			H ≈	H ₁ ≈	M ≈	W ≈
	RF	RTJ	BW				
6	914	927	914	385	250	450	745
8 × 6 ㊟	1022	1038	1022	385	250	450	935
10 × 6 ㊟	1270	1292	1270	385	250	450	1080
8	1022	1038	1022	502	340	500	1202
10 × 8 ㊟	1270	1292	1270	502	340	500	1450
12 × 8 ㊟	1422	1445	1422	502	340	500	1869
10	1270	1292	1270	600	411	500	2080
12 × 10 ㊟	1422	1445	1422	600	411	500	2287
12	1422	1445	1422	715	498	550	3080

三片式固定铸钢球阀
3PC Trunnion Cast Ball Valve

主要结构图形 Major Features



主要参数 Main Parameter Specification

设计和制造 Design and Manufacture: API 6D、ASME B16.34(BS5351)、API 608、MSS-SP-72
结构长度尺寸 End to End Dimension: API 6D、ASME B16.10
法兰连接尺寸 Flange Connection Dimension: ASME B16.5, NPS $\geq$ 26" Per as ASME B16.47
对焊端尺寸 BW Connection Dimension: ASME B16.25
检查和试验 Test and Inspection: API 6D、API 598
防火设计 Fire-safe Design: API 607/6Fa
防静电设计和防爆阀杆 Anti-static Design & Anti Blow-out Stem

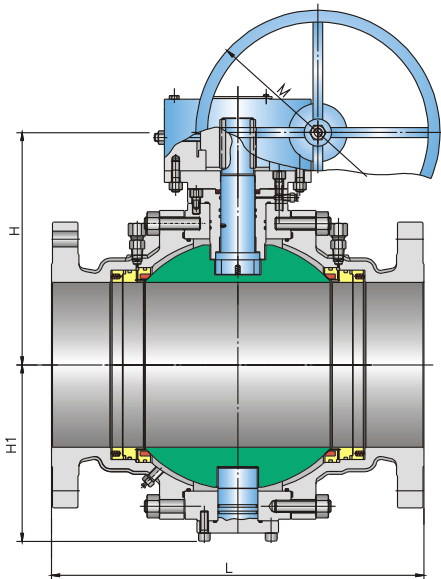
三片式固定铸钢球阀
3PC Trunnion Cast Ball Valve

主要材料 Main Material

序号 No.	名称 Part Name	材料 Material
1	阀体 Body	A216-WCB、WCC, A352-LCB, A351-CF8、CF8M、CF3、CF3M、CN7M、CF8C、CD4MCu、CN-3MN
2	螺母 Nut	A194-2H、2HM、8、8M
3	螺栓 Bolt	A193-B7、B7M、B8、B8M
4	连接体 Adapter	A216-WCB、WCC, A352-LCB, A351-CF8、CF8M、CF3、CF3M、CN7M、CF8C、CD4MCu、CN-3MN
5	固定轴 Trunnion	1045+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20、4140+ENP、17-4PH
6	O型圈 O-Ring	NBR、VITON
7	O型圈 O-Ring	NBR、VITON
8	阀座圈 Seat Ring	A105+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20
9	阀座 Seat	PTFE、RPTFE、NYLON、PEEK、PPL、POM、KARBATE、MOLON、DEVLON
10	球 Ball	A105+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20
11	压环 Compression ring	A1025, SS304、SS304L、SS316、SS316L、SS321、ALLOY-20、F51、F53
12	弹簧 Spring	SS304, Inconel、1566+ENP
13	密封圈 Sealing Ring	Flexible Graphite
14	复合轴承 Bearing	1045+RPTFE、SS304+RPTFE、SS316+RPTFE
15	阀杆 Stem	1045+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20、4140+ENP、17-4PH
16	弹簧 Spring	SS304, Inconel、1566+ENP
17	密封圈 Sealing Ring	SS304、SS316+Flexible Graphite Spiral Wound
18	O型圈 O-Ring	NBR、VITON
19	注密封脂阀 Grease Fitting	1025、SS304、SS304L、SS316、SS316L、SS321、ALLOY-20、F51、F53
20	填料箱 Stuffing Box	A105+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, ALLOY-20
21	填料 Packing	Flexible Graphite
22	连接盘 Connecting Plate	1025、A216-WCB、A351 CF8
23	齿轮 Gear	
24	注密封脂阀 Grease Fitting	1025、SS304、SS304L、SS316、SS316L、SS321、ALLOY-20、F51、F53
25	丝堵和放泄阀 Drain Valve and Plug	1025, SS304、SS316、F51、F53、ALLOY-20

三片式固定铸钢球阀
3PC Trunnion Cast Ball Valv

结构形式及尺寸表 Construction and Dimension



Class 150Lb									mm	
Size (in)	L			H≈	H ₁ ≈	M≈	W≈(kg)		I	II
	RF	RTJ	BW							
16	762	775	838	498	398	450	739	723		
18×16Ⓢ	864	876	914	498	398	450	812	773		
20×16Ⓢ	914	927	991	498	398	450	906	863		
18	864	876	914	640	437	500	930	879		
20×18Ⓢ	914	927	991	640	437	500	1029	980		
20	914	1080	991	700	467	550	1617	1540		
24×20Ⓢ	1067	—	1143	700	467	550	1900	1810		
22	991※	1080	1092※	735	499	550	2518	2398		
24×22Ⓢ	1067	1080	1143	735	499	550	2591	2468		
24	1067	—	1143	820	551	550	2787	2654		
30×24Ⓢ	1295	—	1397	820	551	550	3049	2904		
26	1143	—	1245	892	624	550	3276	3120		
28×26Ⓢ	1245	—	1346	892	624	550	3557	3388		
28	1245	—	1346	901	632	550	3183	3032		
30×28Ⓢ	1295	—	1397	901	632	550	3518	3350		
30	1295	—	1397	962	715	762	3675	3350		
32×30Ⓢ	1372	—	1524	962	715	762	—	—		
36×30Ⓢ	1524	—	1727	962	715	762	3885	3700		
32	1372	—	1524	1045	755	812	4725	4500		
34	1473	—	1626	1095	785	812	6073	5784		
36	1524	—	1727	1117	836	914	7237	6892		
40	1753※	—	1753※	1285	900	914	9347	8902		
42	1855※	—	2015※	1330	935	914	10355	9862		
48	2083※	—	2225※	1434	1050	914	16210	15438		
56	2250※	—	2489※	1476	1306	1016	25822	24592		

Ⓢ规则孔 Regular bore; Ⓢ缩孔 Reduce bore ※L由厂方与用户协商确定 L will be confirmed by this consumer and factory.
■W 指RF法兰球阀重量 The W in the table means weight of therefore end ball valve.

三片式固定铸钢球阀
3PC Trunnion Cast Ball Valve

结构形式及尺寸表 Construction and Dimension

Class 600Lb									mm	
Size (in)	L			H≈	H ₁ ≈	M≈	W≈(kg)		II	I
	RF	RTJ	BW							
16	991	994	991	643	416	500	1475	1549		
18×16Ⓢ	1092	1095	1092	643	416	500	1615	1695		
20×16Ⓢ	1194	1200	1194	643	416	500	1692	1778		
18	1092	1095	1092	723	455	500	1741	1828		
20×18Ⓢ	1194	1200	1194	723	455	500	1843	1935		
20	1194	1200	1194	823	522	550	2210	2320		
24×20Ⓢ	1397	1407	1397	823	522	550	3081	3235		
22	1295	1305	1295	845	592	812	3714	3899		
24×22Ⓢ	1397	1407	1397	845	592	812	3864	4057		
24	1397	1407	1397	866	615	812	3490	3665		
30×24Ⓢ	1651	1664	1651	866	615	812	4496	4270		
26	1448	1461	1448	924	630	812	4525	4751		
28×26Ⓢ	1549	1562	1549	924	630	812	—	—		
28	1549	1562	1549	956	700	812	5148	5405		
30×28Ⓢ	1651	1664	1651	956	700	812	—	—		
30	1651	1664	1651	1038	726	914	5768	6056		
32×30Ⓢ	1778	1794	1778	1038	726	914	—	—		
36×30Ⓢ	2083	2099	2083	1038	726	914	7062	7415		
32	1778	1794	1778	1218	788	914	6908	7253		
34	1930	1946	1930	1230	815	914	7408	7778		
36	2083	2099	2083	1269	875	914	8745	9182		
40	2080※	—	2170※	1342	945	914	11985	12584		
42	2175※	—	—	1520	989	1016	14100	14805		
48	2435※	—	—	1655	1120	1016	21618	22699		
56	2710※	—	—	—	—	—	—	—		

Class 1500Lb									mm	
Size (in)	L			H≈	H ₁ ≈	M≈	W≈(kg)		II	I
	RF	RTJ	BW							
16	1384	1407	1384	650	500	550	3540	3718		
18×16Ⓢ	1537※	1559※	1537※	650	500	550	4496	4720		
20×16Ⓢ	1664※	1686※	1664※	650	500	550	4781	5020		
18	1537※	1559※	1537※	783	585	812	4824	5065		
20×18Ⓢ	1664※	1686※	1664※	783	585	812	6088	6392		
20	1664※	1686※	1664※	880	635	914	7250	7612		
24×20Ⓢ	2043※	2071※	2043※	880	635	914	8321	8737		
24	2043※	2071※	2043※	1285	720	914	10845	11387		

Ⓢ规则孔 Regular bore; Ⓢ缩孔 Reduce bore ※L由厂方与用户协商确定 L will be confirmed by this consumer and factory.
■W 指RF法兰球阀重量 The W in the table means weight of therefore end ball valve.

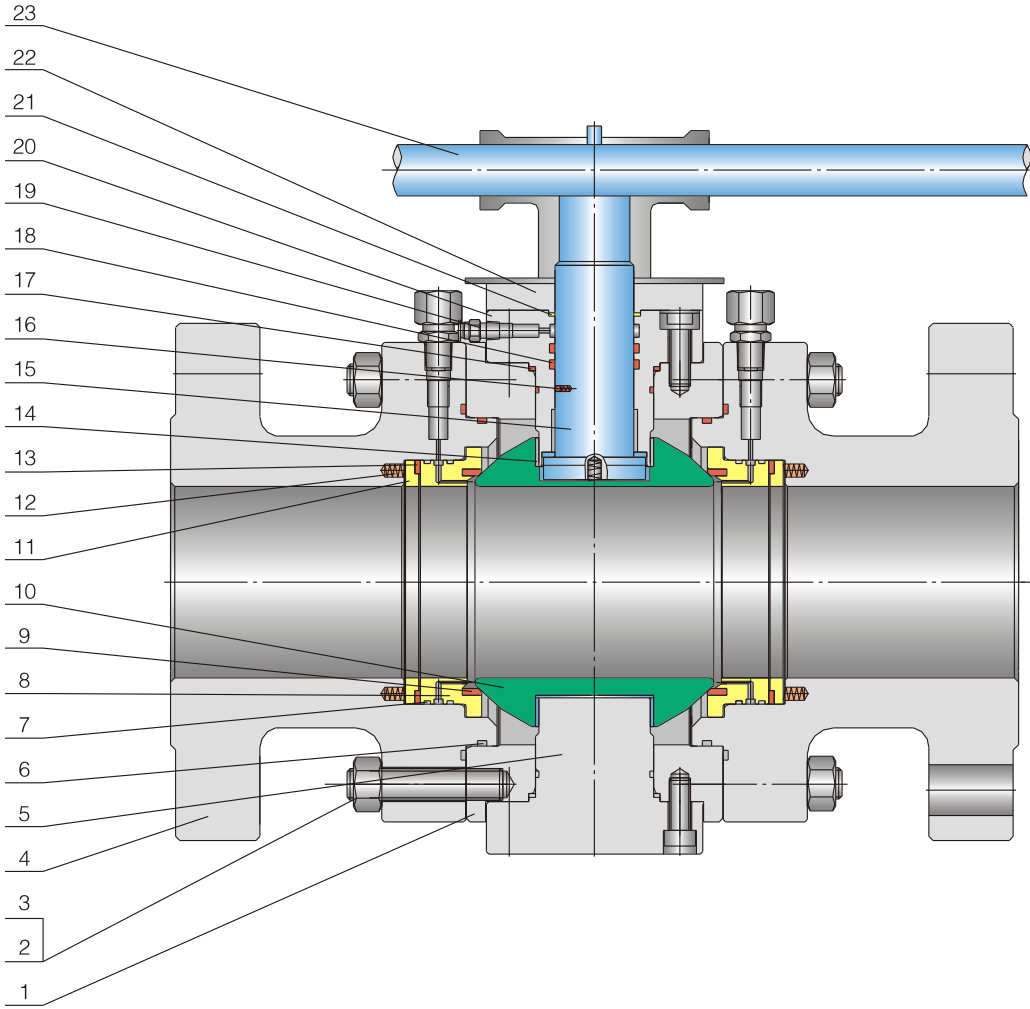
Class 900Lb									mm	
Size (in)	L			H≈	H ₁ ≈	M≈	W≈(kg)		II	I
	RF	RTJ	BW							
16	1130	1140	1130	727	406	550	1903	1998		
18×16Ⓢ	1219	1232	1219	727	406	550	2050	2155		
20×16Ⓢ	1321	1334	1321	727	406	550	2374	2495		
18	1219	1232	1219	785	418	550	2300	2415		
20×18Ⓢ	1321	1334	1321	785	418	550	2600	2730		
20	1321	1334	1321	839	561	550	2985	3135		
24×20Ⓢ	1549	1568	1549	839	561	550	3708	3895		
24	1549	1568	1549	853	634	812	5040	5295		
30×24Ⓢ	1880※	1902※	1880※	853	634	812	6850	7200		
26	1651※	1674※	1651※	909	725	914	6060	6365		
28×26Ⓢ	1753※	1775※	1753※	909	725	914	—	—		
28	1753※	1775※	1753※	980	765	914	7270	7635		
30×28Ⓢ	1880※	1902※	1880※	980	765	914	—	—		
30	1880※	1902※	1880※	1095	810	914	8425	8846		
32×30Ⓢ	2032※	2054※	2032※	1095	810	914	—	—		
36×30Ⓢ	2286※	2315※	2286※	1095	810	914	10265	10778		
32	2032※	2054※	2032※	1270	840	914	9589	10068		
34	2159※	2188※	2159※	1310	860	914	13545	14250		
36	2286※	2315※	2286※	1445	893	914	14640	15372		

Class 2500Lb								mm	
Size (in)	L			H≈	H ₁ ≈	M≈	W≈(kg)	II	I
	RF	RTJ	BW						
6	914	927	914	385	250	450	745		
8×6Ⓢ	1022	1038	1022	385	250	450	935		
10×6Ⓢ	1270	1292	1270	385	250	450	1080		
8	1022	1038	1022	502	340	500	1202		
10×8Ⓢ	1270	1292	1270	502	340	500	1450		
12×8Ⓢ	1422	1445	1422	502	340	500	1869		
10	1270	1292	1270	600	411	500	2080		
12×10Ⓢ	1422	1445	1422	600	411	500	2287		
12	1422	1445	1422	715	498	550	3080		

三片式固定锻钢球阀
3PC Trunnion Forged Ball Valve

三片式固定锻钢球阀
3PC Trunnion Forged Ball Valve

主要结构图形 Major Features



主要参数 Main Parameter Specification

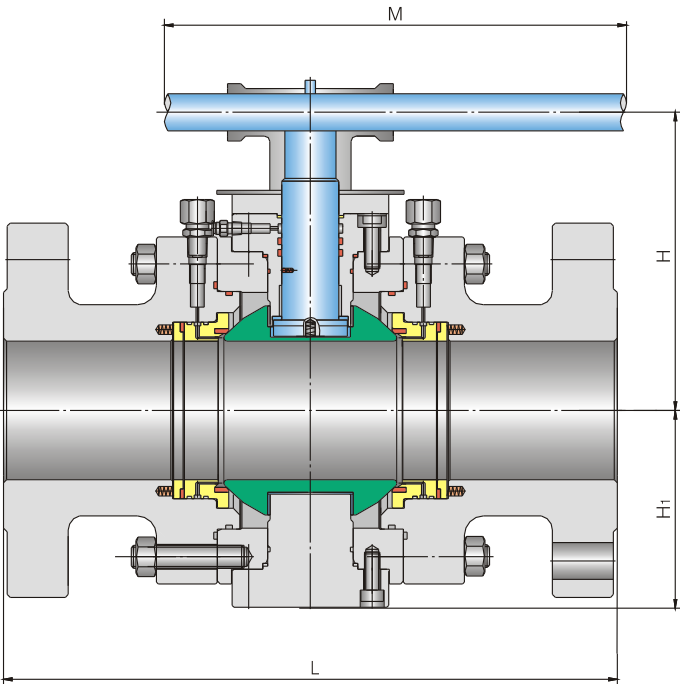
设计和制造 Design and Manufacture: API 6D、ASME B16.34(BS5351)、API 608、MSS-SP-72
结构长度尺寸 End to End Dimension: API 6D、ASME B16.10
法兰连接尺寸 Flange Connection Dimension: ASME B16.5
对焊端尺寸 BW Connection Dimension: ASME B16.25
检查和试验 Test and Inspection: API 6D、API 598
防火设计 Fire-safe Design: API 607/6Fa
防静电设计和防爆阀杆 Anti-static Design & Anti Blow-out Stem

主要材料 Main Material

序号 No.	名称 Part Name	材料 Material
1	阀体 Body	A105, A350-LF2, A182-F304、F304L、F316、F316L、F51、F53
2	螺柱 Stud	ASTM A193 B7、B7M、B8
3	螺母 Nut	ASTM A194 2H、2HM、8
4	连接体 Adapter	A105, A350-LF2, A182-F304、F316、F304L、F316L、F51、F53
5	固定轴 Trunnion	1045+ENP, ASTM A182 F6、F304、F316、F51、F53
6	O型圈 O-ring	Viton、NBR
7	O型圈 O-ring	Viton、NBR
8	阀座圈 Seat ring	A105+ENP, A351 LF2、F6、F304、F316、F51、F53
9	阀座 Seat	PTFE、RPTFE、PPL、PEEK、NYLON
10	球体 Ball	A105+ENP, A351 LF2、F6、F304、F316、F51、F53
11	压环 Ring	A105, A351 LF2、F6、F304、F316、F51、F53
12	弹簧 Spring	SS304、17-4PH、Incone
13	密封圈 Sealing Ring	SS304+Graphite
14	复合轴承 Bearing	1045+RPTFE、SS304+RPTFE、SS316+RPTFE
15	阀杆 Stem	1045+ENP, ASTM A182 F6, F304、F316、F51、F53
16	弹簧 Spring	SS304、17-4PH、Incone
17	垫片 Gasket	Flexible Graphite、PTFE
18	O型圈 O-ring	Viton、NBR
19	注油阀 Oil Cup	1025、SS304
20	填料箱 Stuffing Box	A105, A350-LF2, A182-F304、F316、F304L、F316L、F51、F53
21	填料 Packing	Flexible Graphite、PTFE
22	压板 Gland	ASTM A105、ASTM A216 WCB、ASTM A351 CF8
23	手柄 Wrench	ASTM A216 WCB

三片式固定锻钢球阀
3PC Trunnion Forged Ball Valve

结构形式及尺寸表 Construction and Dimension



Size (in)	L			H≈	H1≈	M≈	W≈ (kg)
	RF	RTJ	BW				
2	178	191	216	168	83	250	26
3 × 2 [Ⓡ]	203	216	283	168	83	250	30
2 1/2	191	203	241	180	102	300	42
3 × 2 1/2 [Ⓢ]	203	216	283	180	102	300	46
4 × 2 1/2 [Ⓡ]	229	241	305	180	102	300	52
3	203	216	283	202	117	350	50
4 × 3 [Ⓢ]	229	241	305	202	117	350	60
6 × 3 [Ⓢ]	394	406	457	202	117	350	80
4	229	241	305	228	141	450	88
6 × 4 [Ⓡ]	394	406	457	228	141	450	100
8 × 4 [Ⓢ]	457	470	521	228	141	450	128

Ⓢ规则孔 Regular bore; Ⓡ缩孔 Reduce bore; ※齿轮箱操作
■W 指RF法兰面球阀重量 The W in the table means weight of therefore end ball valve.

Size (in)	L			H≈	H1≈	M≈	W≈ (kg)
	RF	RTJ	BW				
2	216	232	216	168	95	250	28
3 × 2 [Ⓡ]	283	298	283	168	95	250	35
2 1/2	241	257	241	202	107	300	52
3 × 2 1/2 [Ⓢ]	283	298	283	202	107	300	—
4 × 2 1/2 [Ⓡ]	305	321	305	202	107	300	—
3	283	298	283	222	122	350	54.5
4 × 3 [Ⓢ]	305	321	305	222	122	350	71
6 × 3 [Ⓢ]	403	419	403	222	122	350	—
4	305	321	305	238	148	450	98
6 × 4 [Ⓡ]	403	419	403	238	148	450	119
8 × 4 [Ⓢ]	502	518	521	238	148	450	—

三片式固定锻钢球阀
3PC Trunnion Forged Ball Valve

结构形式及尺寸表 Construction and Dimension

Size (in)	L			H≈	H1≈	M≈	W≈ (kg)
	RF	RTJ	BW				
2	292	295	292	195	100	500	33
3 × 2 [Ⓡ]	356	359	356	195	100	500	42
2 1/2	330	333	330	210	115	600	39
3 × 2 1/2 [Ⓢ]	356	359	356	210	115	600	45
4 × 2 1/2 [Ⓡ]	432	435	432	210	115	600	69
3	356	359	356	247	126	700	68
4 × 3 [Ⓢ]	432	435	432	247	126	700	85
6 × 3 [Ⓢ]	559	562	559	247	126	700	128
4	432	435	432	275	154	900	118
6 × 4 [Ⓡ]	559	562	559	275	154	900	146
8 × 4 [Ⓢ]	660	664	660	275	154	900	178

Ⓢ规则孔 Regular bore; Ⓡ缩孔 Reduce bore; ※齿轮箱操作
■W 指RF法兰面球阀重量 The W in the table means weight of therefore end ball valve.

Size (in)	L			H≈	H1≈	M≈	W≈ (kg)
	RF	RTJ	BW				
2	368	371	368	217	118.5	500	47
3 × 2 [Ⓡ]	381	384	381	217	118.5	500	52
2 1/2	419	422	419	241	133	600	61
3 × 2 1/2 [Ⓢ]	381	384	381	241	133	600	66
4 × 2 1/2 [Ⓡ]	457	460	457	241	133	600	80
3	381	384	381	259	141	900	82
4 × 3 [Ⓢ]	457	460	457	259	141	900	97
6 × 3 [Ⓢ]	610	613	610	259	141	900	158
4	457	460	457	297	167	1000	145
6 × 4 [Ⓡ]	610	613	610	297	167	1000	203
8 × 4 [Ⓢ]	737	740	737	297	167	1000	292

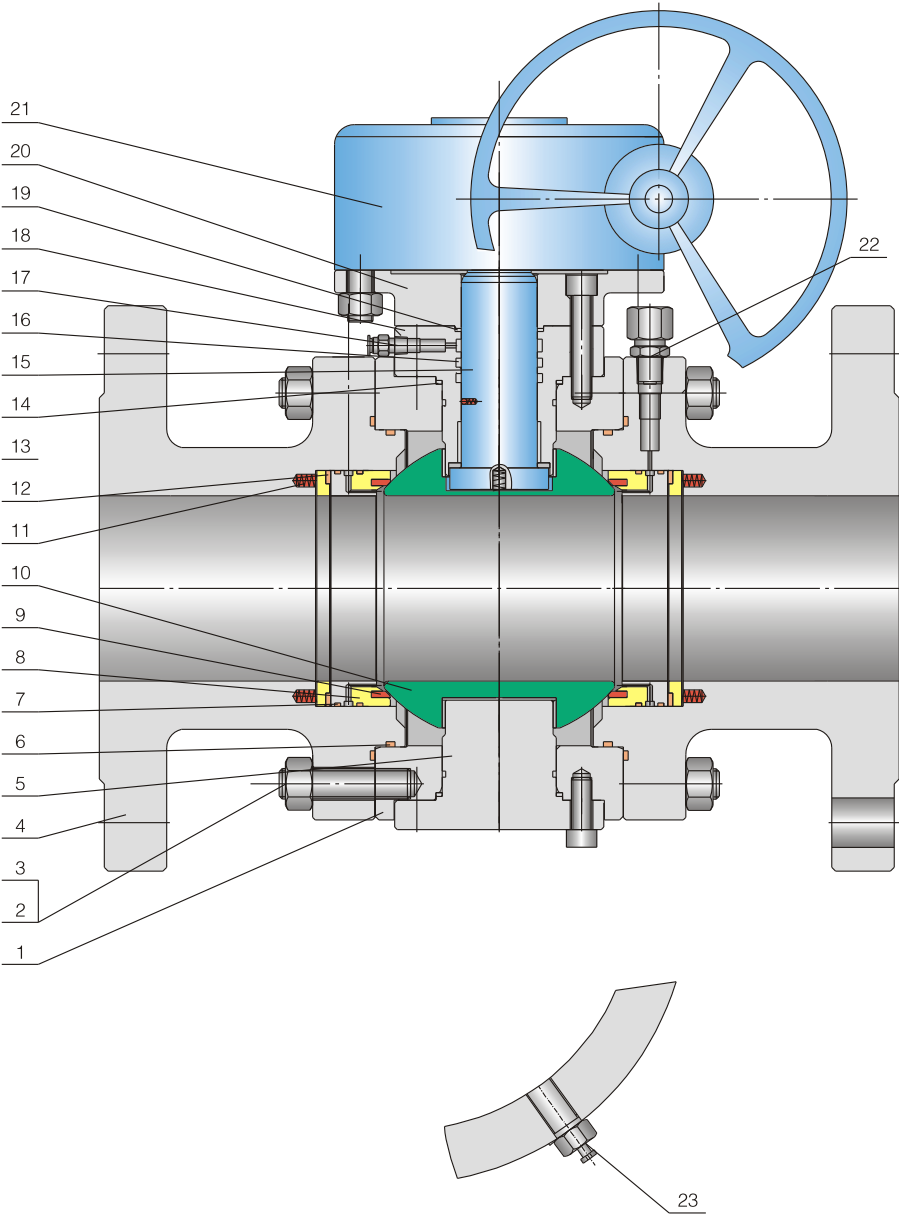
Size (in)	L			H≈	H1≈	M≈	W≈ (kg)
	RF	RTJ	BW				
2	368	381	368	237	122	800	50
3 × 2 [Ⓡ]	470	473	470	237	122	800	71
2 1/2	419	422	419	261	148	900	75
3 × 2 1/2 [Ⓢ]	470	473	470	261	148	900	90
4 × 2 1/2 [Ⓡ]	546	549	546	261	148	900	109
3	470	473	470	269	163	1000	117
4 × 3 [Ⓢ]	546	549	546	269	163	1000	124
6 × 3 [Ⓢ]	705	711	705	269	163	1000	221
4	546	549	546	297	173	1000	185
6 × 4 [Ⓡ]	705	711	705	297	173	1000	296
8 × 4 [Ⓢ]	832	841	832	297	173	1000	360

Ⓢ规则孔 Regular bore; Ⓡ缩孔 Reduce bore; ※齿轮箱操作
■W 指RF法兰面球阀重量 The W in the table means weight of therefore end ball valve.

Size (in)	L			H≈	H1≈	M≈	W≈ (kg)
	RF	RTJ	BW				
2	451	454	451	240	129	1000	108
3 × 2 [Ⓡ]	578	584	578	240	129	1000	185
2 1/2	508	514	508	270	135	1000	135
3 × 2 1/2 [Ⓢ]	578	584	578	270	135	1000	198
4 × 2 1/2 [Ⓡ]	673	683	673	270	135	1000	217
3	578	584	578	300	159	1000	215
4 × 3 [Ⓢ]	673	683	673	300	159	1000	275
6 × 3 [Ⓢ]	914	927	914	300	159	1000	420
4	673	683	673	350	204	—	389
6 × 4 [Ⓡ]	914	927	914	350	204	—	526
8 × 4 [Ⓢ]	1022	1038	1022	350	204	—	654

三片式固定锻钢球阀
3PC Trunnion Forged Ball Valve

主要结构图形 Major Features



主要参数 Main Parameter Specification

设计和制造 Design and Manufacture: API 6D、ASME B16.34(BS5351)、API 608、MSS-SP-72
结构长度尺寸 End to End Dimension: API 6D、ASME B16.10
法兰连接尺寸 Flange Connection Dimension: ASME B16.5, NPS≥26" Per as ASME B16.47
对焊端尺寸 BW Connection Dimension: ASME B16.25
检查和试验 Test and Inspection: API 6D、API 598
防火设计 Fire-safe Design: API 607/6Fa
防静电设计和防爆阀杆 Anti-static Design & Anti Blow-out Stem

三片式固定锻钢球阀
3PC Trunnion Forged Ball Valve

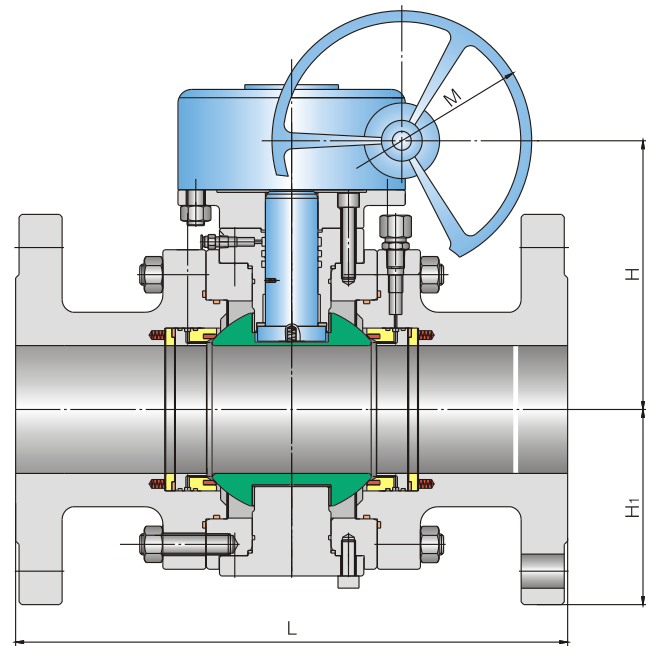
主要材料 Main Material

序号 No.	名称 Part Name	材料 Material
1	阀体 Body	A105, A350-LF2, A182-F304、F304L、F316、F316L、F321、F51、F53
2	螺母 Nut	A194-2H、2HM、8、8M
3	螺柱 Bolt	A193-B7、B7M、B8、B8M
4	连接体 Adapter	A105, A350-LF2, A182-F304、F304L、F316、F316L、F321、F51、F53
5	固定轴 Trunnion	1045+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, 4140+ENP、17-4PH
6	O型圈 O-Ring	NBR、VITON
7	O型圈 O-Ring	VITON
8	阀座圈 Seat Ring	A105+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53
9	阀座 Seat	PTFE、RPTFE、NYLON、PEEK、PPL、POM、KARBATE、MOLON、DEVLON
10	球 Ball	A105+ENP, A350-LF2+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53
11	弹簧 Spring	SS304, Inconel、1566+ENP
12	密封圈 Sealing Ring	Flexble Graphite
13	复合轴承 Bearing	1045+RPTFE、SS304+RPTFE、SS316+RPTFE
14	密封圈 Sealing Ring	SS304、SS316+Flexible Graphite Spiral Wound
15	阀杆 Stem	1045+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53, 4140+ENP、17-4PH
16	O型圈 O-Ring	NBR、VITON
17	注油阀 Oil Cup	1025、SS304
18	填料箱 Stuffing Box	A105+ENP, A182-F6、F304、F304L、F316、F316L、F321、F51、F53
19	填料 Packing	Flexible Graphite
20	连接盘 Connecting Plate	1025、A216-WCB、A351 CF8
21	齿轮 Gear	
22	注脂阀 Grease fitting	1025、SS304、SS316、F51、F53
23	丝堵和放泄阀 Drain Valve and Plug	1025, SS304、SS316、F51、F53、ALLOY-20

三片式固定锻钢球阀
3PC Trunnion Forged Ball Valve

三片式固定锻钢球阀
3PC Trunnion Forged Ball Valve

结构形式及尺寸表 Construction and Dimension



Class 150Lb									mm	
Size (in)	L			H≈	H ₁ ≈	M≈	W≈(kg)		I	II
	RF	RTJ	BW							
6	394	406	457	280	178	300	182	172		
8×6Ⓢ	457	470	521	280	178	300	210	200		
10×6Ⓢ	533	546	559	280	178	300	—	—		
8	457	470	521	305	225	300	320	302		
10×8Ⓢ	533	546	559	305	225	300	355	338		
12×8Ⓢ	610	622	635	305	225	300	—	—		
10	533	546	559	395	257	300	515	490		
12×10Ⓢ	610	622	635	395	257	300	565	538		
14×10Ⓢ	686	699	762	395	257	300	615	586		
16×10Ⓢ	762	775	838	395	257	300	—	—		
12	610	622	635	428	323	300	682	649		
14×12Ⓢ	686	699	762	428	323	300	723	689		
16×12Ⓢ	762	775	838	428	323	300	786	749		
18×12Ⓢ	864	876	914	428	323	300	—	—		
14	686	699	762	465	355	400	856	815		
16×14Ⓢ	762	775	838	465	355	400	903	860		
18×14Ⓢ	864	876	914	465	355	400	—	—		
20×14Ⓢ	914	927	991	465	355	400	—	—		
16	762	775	838	528	398	450	1076	1025		
18×16Ⓢ	864	876	914	528	398	450	1165	1110		
20×16Ⓢ	914	927	991	528	398	450	1502	1430		
18	864	876	914	564	437	500	1658	1579		

Class 150Lb									mm	
Size (in)	L			H≈	H ₁ ≈	M≈	W≈(kg)		I	II
	RF	RTJ	BW							
20×18Ⓢ	914	927	991	564	437	500	1783	1698		
20	914	927	991	577	453	500	2041	1944		
24×20Ⓢ	1067	1080	1143	577	453	500	2508	2389		
22	991※	—	1092※	635	499	500	2905	2767		
24×22Ⓢ	1067	1080	1143	635	499	500	—	—		
24	1067	1080	1143	817	592	500	3284	3120		
30×24	1295	—	1397	817	592	500	3940	3752		
26	1143	—	1245	892	624	550	3870	3686		
28×26Ⓢ	1245	—	1346	892	624	550	—	—		
28	1245	—	1346	942	702	812	4494	4280		
30×28	1295	—	1397	942	702	812	—	—		
30	1295	—	1397	962	715	812	4048	3855		
32×30Ⓢ	1372	—	1524	962	715	812	—	—		
36×30Ⓢ	1524	—	1727	962	715	812	4520	4305		
32	1372	—	1524	1045	755	812	6468	6160		
34	1473	—	1626	1095	785	812	7592	7230		
36	1524	—	1727	1117	836	914	9253	8812		
40	1753※	—	1753※	1285	900	914	12463	11870		
42	1855※	—	2015※	1330	935	914	13807	13150		
48	2083※	—	2225※	1434	1050	914	21614	20585		
56	2250※	—	2489※	1476	1306	1016	34440	32800		

Ⓢ规则孔 Regular bore; Ⓢ缩孔 Reduce bore ※L由厂方与用户协商确定 L will be confirmed by this consumer and factory.
■W 指RF法兰球阀重量 The W in the table means weight of therefore end ball valve.

结构形式及尺寸表 Construction and Dimension

Class 300Lb									mm	
Size (in)	L			H≈	H ₁ ≈	M≈	W≈(kg)		I	II
	RF	RTJ	BW							
6	403	419	403	285	201	300	205	195		
8×6Ⓢ	502	518	521	285	201	300	223	212		
10×6Ⓢ	568	584	559	285	201	300	—	—		
8	502	518	521	342	232	300	338	322		
10×8Ⓢ	568	584	559	342	232	300	373	355		
12×8Ⓢ	648	664	635	342	232	300	—	—		
10	568	584	559	390	283	400	584	556		
12×10Ⓢ	648	664	635	390	283	400	634	604		
14×10Ⓢ	762	778	762	390	283	400	696	663		
16×10Ⓢ	838	854	838	390	283	400	—	—		
12	648	664	635	435	335	400	730	695		
14×12Ⓢ	762	778	762	435	335	400	767	730		
16×12Ⓢ	838	854	838	435	335	400	—	—		
18×12Ⓢ	914	930	914	435	335	400	—	—		
14	762	778	762	467	360	450	940	895		
16×14Ⓢ	838	854	838	467	360	450	1076	1025		
18×14Ⓢ	914	930	914	467	360	450	—	—		
20×14Ⓢ	991	1010	991	467	360	450	—	—		
16	838	854	838	538	398	500	1570	1495		
18×16Ⓢ	914	930	914	538	398	500	1743	1660		
20×16Ⓢ	991	1010	991	538	398	500	2058	1960		
18	914	930	914	625	437	500	1885	1795		
20×18Ⓢ	991	1010	991	625	437	500	1979	1885		
20	991	1010	991	712	477	500	2290	2181		
24×20Ⓢ	1143	1165	1143	712	477	500	2785	2652		
22	1092	1114	1092	799	495	550	2961	2820		
24×22Ⓢ	1143	1165	1143	799	495	550	—	—		
24	1143	1165	1143	826	585	550	3715	3538		
30×24	1397	1422	1397	826	585	550	4660	4438		
26	1245	1270	1245	862	630	550	4484	4270		
28×26Ⓢ	1346	1372	1346	862	630	550	—	—		
28	1346	1372	1346	893	683	550	5077	4835		
30×28	1397	1422	1397	893	683	550	—	—		
30	1397	1422	1397	968	715	550	6531	6220		
32×30Ⓢ	1524	1553	1524	968	715	762	—	—		
36×30Ⓢ	1727	1756	1727	968	773	762	7854	7480		
32	1524	1553	1524	1008	805	812	7450	7095		
34	1626	1654	1626	1073	875	914	8643	8231		
36	1727	1756	1727	1100	923	914	10185	9700		
40	1850※	—	1930※	1245	923	914	13487	12845		
42	1900※	—	2015※	1345	959	914	15233	14508		
48	2170※	—	2225※	1490	1108	914	23084	21985		

Ⓢ规则孔 Regular bore; Ⓢ缩孔 Reduce bore ※L由厂方与用户协商确定 L will be confirmed by this consumer and factory.
■W 指RF法兰球阀重量 The W in the table means weight of therefore end ball valve.

Class 600Lb							mm	
Size (in)	L			H≈	H1≈	M≈	W≈(kg)	
	RF	RTJ	BW				I	II
6	559	562	559	305	198	300	258	246
8×6 ㊟	660	664	660	305	198	300	284	270
10×6 ㊟	787	791	787	305	198	300	—	—
8	660	664	660	365	252	400	440	418
10×8 ㊟	787	791	787	365	252	400	600	572
12×8 ㊟	838	841	838	365	252	400	—	—
10	787	791	787	400	299	400	592	564
12×10 ㊟	838	841	838	400	299	400	790	760
14×10 ㊟	889	892	889	400	299	400	830	790
16×10 ㊟	991	994	991	400	299	400	—	—
12	838	841	838	449	343	400	935	890
14×12 ㊟	889	892	889	449	343	400	1145	1090
16×12 ㊟	991	994	991	449	343	400	1207	1150
18×12 ㊟	1092	1095	1092	449	343	400	—	—
14	889	892	889	507	377	450	1192	1135
16×14 ㊟	991	994	991	507	377	450	1411	1344
18×14 ㊟	1092	1095	1092	507	377	450	—	—
20×14 ㊟	1194	1200	1194	507	377	450	—	—
16	991	994	991	543	416	550	1818	1731
18×16 ㊟	1092	1095	1092	543	416	550	1991	1896
20×16 ㊟	1194	1200	1194	543	416	550	2090	1990
18	1092	1095	1092	623	455	500	2152	2049
20×18 ㊟	1194	1200	1194	623	455	500	2277	2169
20	1194	1200	1194	823	522	550	2730	2600
24×20 ㊟	1397	1407	1397	823	522	550	3318	3160
22	1295	1305	1295	845	592	812	4019	3828
24×22 ㊟	1397	1407	1397	845	592	812	—	—
24	1397	1407	1397	866	615	812	4579	4381
30×24	1651	1664	1651	866	615	812	5554	5290
26	1448	1461	1448	924	630	812	5591	5325
28×26 ㊟	1549	1562	1549	924	630	812	—	—
28	1549	1562	1549	956	700	812	6757	6435
30×28	1651	1664	1651	956	700	812	—	—
30	1651	1664	1651	1038	726	914	7570	7210
32×30 ㊟	1778	1794	1778	1038	726	914	—	—
36×30 ㊟	2083	2099	2083	1038	726	914	9266	8825
32	1778	1794	1778	1218	788	914	9067	8635
34	1930	1946	1930	1230	815	914	9723	9260
36	2083	2099	2083	1269	875	914	12243	11600
40	2080※	—	2170※	1342	945	914	16779	15980
42	2175※	—	—	1520	989	1016	19740	18800
48	2435※	—	—	1655	1120	1016	30266	28825

三片式固定锻钢球阀
3PC Trunnion Forged Ball Valve

铸钢闸阀
Cast steel gate valve

结构形式及尺寸表 Construction and Dimension

Class 900Lb									mm	
Size (in)	L			H≈	H1≈	M≈	W≈(kg)			
	RF	RTJ	BW				I	II		
6	610	613	610	360	250	400	352	335		
8×6 ㊟	737	740	737	360	250	400	462	440		
10×6 ㊟	838	841	838	360	250	400	—	—		
8	737	740	737	394	280	450	584	556		
10×8 ㊟	838	841	838	394	280	450	719	685		
12×8 ㊟	965	968	965	394	280	450	—	—		
10	838	841	838	502	325	500	982	935		
12×10 ㊟	965	968	965	502	325	500	1066	1015		
14×10 ㊟	1029	1038	1029	502	325	500	1216	1158		
16×10 ㊟	1130	1140	1130	502	325	500	—	—		
12	965	968	965	572	380	500	1365	1300		
14×12 ㊟	1029	1038	1029	572	380	500	1638	1560		
16×12 ㊟	1130	1140	1130	572	380	500	1722	1640		
18×12 ㊟	1219	1232	1219	572	380	500	—	—		
14	1029	1038	1029	675	395	550	1727	1645		
16×14 ㊟	1130	1140	1130	675	395	550	1927	1835		
18×14 ㊟	1219	1232	1219	675	395	550	—	—		
20×14 ㊟	1321	1334	1321	675	395	550	—	—		
16	1130	1140	1130	627	406	550	2351	2239		
18×16 ㊟	1219	1232	1219	627	406	550	2533	2412		
20×16 ㊟	1321	1334	1321	627	406	550	2933	2793		
18	1219	1232	1219	731	418	550	3056	2910		
20×18 ㊟	1321	1334	1321	731	418	550	3234	3080		
20	1321	1334	1321	820	561	550	3919	3732		
24×20 ㊟	1549	1568	1549	820	561	550	4867	4635		
24	1549	1568	1549	853	634	812	6615	6300		
30×24 ㊟	1880	1902	1880	853	634	914	8998	8570		
26	1651	1674	1651	909	725	914	7949	7570		
28×26 ㊟	1753※	1775※	1753※	909	725	914	—	—		
28	1753※	1775※	1753※	980	765	914	9542	9088		
30×28 ㊟	1880※	1902※	1880※	980	765	914	—	—		
30	1880※	1902※	1880※	1095	810	914	11340	10800		
32×30 ㊟	2032※	2054※	2032※	1095	810	914	—	—		
36×30 ㊟	2286※	2315※	2286※	1095	810	914	13818	13160		
32	2032※	2054※	2032※	1270	840	914	12584	11985		
34	2159※	2188※	2159※	1310	860	914	18233	17365		
36	2286※	2315※	2286※	1445	893	914	20497	19521		

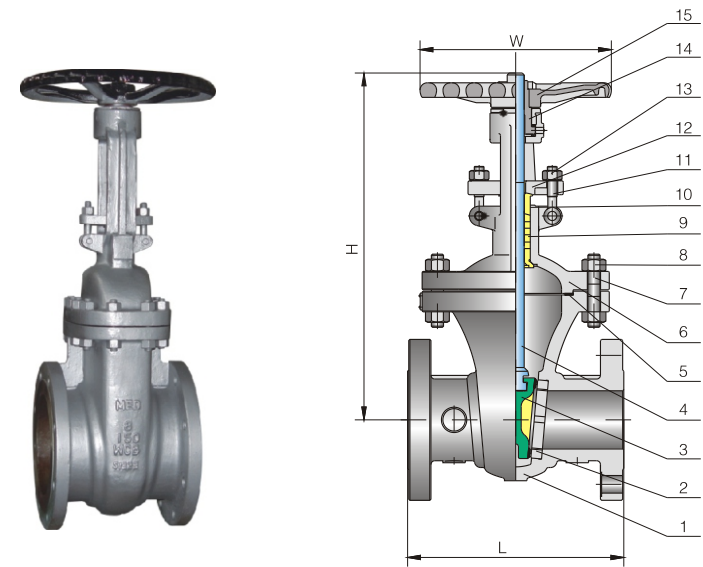
㊟规则孔 Regular bore; ㊟缩孔 Reduce bore ※L由厂方与用户协商确定 L will be confirmed by this consumer and factory.

■W 指RF法兰球阀重量 The W in the table means weight of therefore end ball valve.

Class 1500Lb									mm	
Size (in)	L			H≈	H1≈	M≈	W≈(kg)			
	RF	RTJ	BW				I	II		
6	705	771	705	305	211	400	512	488		
8×6 ㊟	832	841	832	305	211	400	625	595		
10×6 ㊟	991	1000	991	305	211	400	—	—		
8	932	841	932	365	274	450	835	795		
10×8 ㊟	991	1000	991	365	274	450	1037	988		
12×8 ㊟	1130	1146	1130	365	274	450	—	—		
10	991	1000	991	440	310	500	1470	1400		
12×10 ㊟	1130	1146	1130	440	310	500	1580	1505		
14×10 ㊟	1257	1276	1257	440	310	500	2251	2144		
16×10 ㊟	1384	1407	1384	440	310	500	—	—		
12	1130	1146	1130	596	485	500	1851	1763		
14×12 ㊟	1257	1276	1257	596	485	500	2600	2476		
16×12 ㊟	1384	1407	1384	596	485	500	3030	2886		
18×12 ㊟	1537※	1559※	1537※	596	485	550	—	—		
14	1257	1276	1257	661	510	550	2841	2706		
16×14 ㊟	1384	1407	1384	661	510	550	3360	3198		
18×14 ㊟	1537※	1559※	1537※	661	510	550	—	—		
20×14 ㊟	1664※	1686※	1664※	661	510	550	—	—		
16	1384	1406	1384	700	540	550	4373	4165		
18×16 ㊟	1537※	1559※	1537※	700	540	550	5554	5290		
20×16 ㊟	1664※	1686※	1664※	700	540	550	5906	5625		
18	1537※	1559※	1537※	783	585	812	6332	6030		
20×18 ㊟	1664※	1686※	1664※	783	585	812	7521	7163		
20	1664※	1686※	1664※	880	635	914	9513	9060		
24×20 ㊟	2043※	2071※	2043※	880	635	914	10922	10402		
24	2043※	2071※	2043※	1285	720	914	15183	14460		

Class 2500Lb									mm	
Size (in)	L			H≈	H1≈	M≈	W≈(kg)			
	RF	RTJ	BW				I	II		
6	914	927	927	345	250	450	981	934		
8×6 ㊟	1022	1038	1038	345	250	450	1176	1120		
10×6 ㊟	1270	1292	1292	345	250	450	—	—		
8	1022	1038	1038	402	340	500	1497	1426		
10×8 ㊟	1270	1292	1292	402	340	500	2289	2180		
12×8 ㊟	1422	1445	1445	402	340	500	—	—		
10	1270	1292	1292	500	411	500	2527	2407		
12×10 ㊟	1422	1445	1445	500	411	500	3516	3350		
12	1422	1445	1445	650	480	550	3967	3778		

铸钢闸阀Cast steel gate valve



序号No.	零件名称Part name
1	阀体Body
2	阀座Seat
3	闸板Wedge
4	阀杆Stem
5	垫片Gasket
6	阀盖Bonnet
7	螺栓Bolt
8	螺母Nut
9	填料Packing
10	填料压套Gland
11	活节螺母Gland eyebolt
12	填料压盖Gland flange
13	压盖螺母Gland nut
14	阀杆螺母Stem nut
15	手轮Handwheel

闸阀应用标准Applicable standards

设计制造Design & manufacture	API 600, BS1414, API 6D, API 603, ASME B16.34
压力温度基准 P/T class	ASME B16.34
结构长度 Face to face	ASME B16.10 API 6D DIN3202
法兰连接端 Flanged ends	ASME B16.5(≤NPS24″)DIN2501
	ASME B16.47(≥24″)
对接焊端 Butt welded ends	ASME B16.34
检查和试验 Inspection & test	API 598, ISO 5208, BS6755, API 6D

闸阀主要部件材料Material of main parts

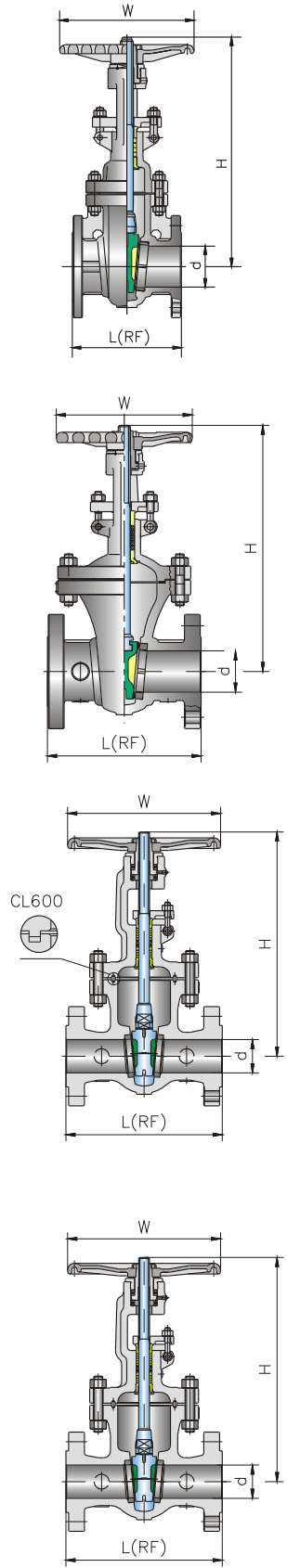
零件名称 Part name	碳钢系列 Carbon steel			合金钢 Alloy steel			不锈钢 Stainless steel				
阀体Body	A216 WCB	A352 LCB	A352 LCC	A217 WC6	A217 WC9	A217 C12	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M	A351 CD4MCu
阀盖Bonnet	A216 WCB	A352 LCB	A352 LCC	A217 WC6	A217 WC9	A217 C12	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M	A351 CD4MCu
阀瓣Disc	A216 WCB	A352 LCB	A352 LCC	A217 WC6	A217 WC9	A217 C12	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M	A351 CD4MCu
阀座Seat	A105	A350 LF2	A182 F304	A182 F11	A182 F22	A182 F9	A182 F304	A182 F316	A182 F304L	A182 F316L	A182 F51
阀杆Stem	A182 F6z	A182 F6a	A182 F304	A182 F304	A182 F304	A182 F304	A182 F304	A182 F316	A182 F304L	A182 F316L	17–4Ph
螺栓Bolt	A193 B7	A320 L7	A320 L7	A193 B16	A193 B16	A193 B16	A183 B8	A183 B8M	A183 B8	A183 B8M	A193 B8M
螺母Nut	A194 2H	A194 4	A194 4	A194 4	A194 4	A194 4	A194 8	A194 8M	A194 8	A194 8M	A194 8M
填料压套Gland	A276 410	A276 410	A276 304	A276 304	A276 304	A276 304	A276 304	A276 316	A276 304L	A276 316L	A182 F51
填料压板 Gland flange	A216 WCB	A352 LCB	A352 LCC	A217 WCB	A217 WC9	A217 C12	A351 CF8	A351 CF8	A351 CF8	A351 CF8	A351 CF8
填料Packing	石墨Graphite, PTFE			石墨Graphite	石墨Graphite	石墨Graphite	石墨Graphite, PTFE				
垫片Gasket	四氟垫, 复合垫, 缠绕垫, 金属垫 Pure PTFE, Compound gasket, Spiralwounded gasket, metallic gasket			复合垫, 缠绕垫, 金属垫 Compound gasket, Spiralwounded gasket, metallic gasket			四氟垫, 复合垫, 缠绕垫, 金属垫 Pure PTFE, Compound gasket, Spiralwounded gasket, metallic gasket				

材料可以由客户选择, 或按客户要求Customers can choose the specific materials as per the above table or as customer's request.

铸钢闸阀
Cast steel gate valve

铸钢闸阀
Cast steel gate valve

铸钢闸阀Cast steel gate valve



CLASS 150

NPS	in	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	26	28	30	32	36
DN	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	650	700	750	800	900
L(RF)	mm	178	190	203	229	254	267	292	330	356	381	406	432	457	508	559	610	610	660	711
L(BW)	mm	216	241	283	305	381	403	419	457	502	572	610	660	711	813	864	914	914	965	1016
L(RTJ)	mm	191	203	216	241	267	279	305	343	368	394	419	445	470	521	570	622	622	673	724
H(OPEN)	mm	395	435	485	592	675	765	960	1160	1352	1510	1703	1895	2120	2530	2920	3050	3150	3285	3825
W	mm	200	200	250	250	300	300	350	400	450	500	550	600	680	610	610	610	610	610	610
WT	kg	20	30	36	53	71	85	136	220	323	387	553	660	810	1250	1500	1935	2420	2530	3600

1. ≥14" 带球面推力球轴承Equipped iwth spherical thrust bearing
2. ≥24" 齿轮传动 Equipped with gear operator

CLASS 300

NPS	in	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24	30
DN	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	750
L(RF)	mm	216	241	283	305	381	403	419	457	502	762	838	914	991	1143	1397
L(BW)	mm	216	241	283	305	381	403	419	457	502	762	838	914	991	1143	1397
L(RTJ)	mm	232	257	298	321	397	419	435	473	518	778	854	930	1010	1165	1422
H(OPEN)	mm	41	453	515	615	712	810	1012	1212	1415	1650	1840	2030	2240	2900	3540
W	mm	200	200	250	250	300	350	400	450	500	460	460	610	610	610	610
WT	kg	30	39	55	83	92	137	240	333	536	750	1010	1210	1750	2840	3820

1. ≥12" 带球面推力球轴承Equipped iwth spherical thrust bearing
2. ≥14" 齿轮传动 Equipped with gear operator

CLASS 600

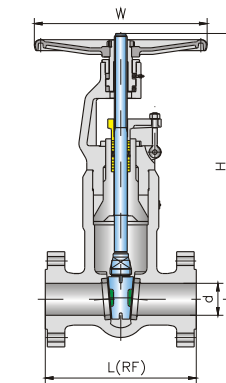
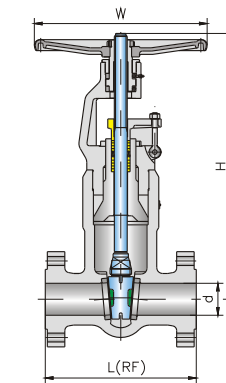
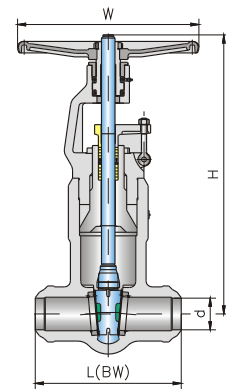
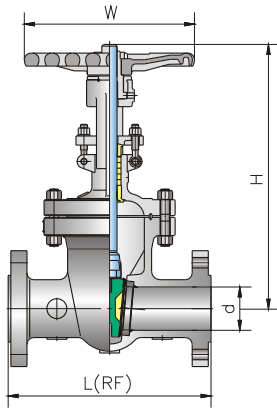
NPS	in	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
DN	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L(RF)	mm	292	330	356	432	508	559	660	787	838	889	991	1092	11974	1397
L(BW)	mm	292	330	356	432	505	559	660	787	838	889	991	1092	1194	1397
L(RTJ)	mm	295	330	359	435	511	562	664	791	841	892	994	1095	1200	1407
H(OPEN)	mm	418	476	518	646	770	839	1024	1229	1450	1730	1835	2290	2510	3200
W	mm	250	250	300	350	400	500	600	720	610	610	610	610	760	760
WT	kg	35	50	68	104	148	208	328	496	784	1120	1448	1828	220	3360

1. ≥8" 带球面推力球轴承Equipped iwth spherical thrust bearing
2. ≥12" 齿轮传动 Equipped with gear operator

CLASS 900

NPS	in	2	2 1/2	3	4	6	8	10	12	14	16
DN	mm	50	65	80	100	150	200	250	300	350	400
L(RF)	mm	368	419	381	457	610	737	838	965	1029	1130
L(BW)	mm	368	419	381	457	610	737	838	965	1029	1130
L(RTJ)	mm	371	422	384	460	613	740	841	968	1038	1140
H(OPEN)	mm	547	700	587	679	900	1103	1590	1795	2025	2170
W	mm	300	350	400	450	550	460	610	610	760	760
WT	kg	90	110	123	148	420	650	1160	1700	2300	2750

1. ≥6" 带球面推力球轴承Equipped iwth spherical thrust bearing
2. ≥8" 齿轮传动 Equipped with gear operator



CLASS 1500

NPS	in	2	2 1/2	3	4	6	8	10	12	14	16
DN	mm	50	65	80	100	150	200	250	300	350	400
L(RF)	mm	368	419	470	546	705	832	991	1130	1257	1384
L(BW)	mm	368	419	470	546	705	832	991	1130	1257	1384
L(RTJ)	mm	371	422	473	549	711	841	1000	1146	1276	1407
H(OPEN)	mm	547	700	806	887	1079	1370	1520	1651	1945	2250
W	mm	350	400	450	550	460	610	760	760	760	760
WT	kg	93	144	185	285	584	978	1990	2850	3320	4890

1. ≥6" 带球面推力球轴承Equipped iwth spherical thrust bearing
2. ≥8" 齿轮传动 Equipped with gear operator

CLASS 900

NPS	in	2	2 1/2	3	4	6	8	10	12	14	16
DN	mm	50	65	80	100	150	200	250	300	350	400
L(RF)	mm	368	419	381	457	610	737	838	965	1029	1130
L(BW)	mm	216	254	305	356	508	660	787	914	991	1092
L(RTJ)	mm	371	422	384	460	613	740	841	968	1038	1140
H(OPEN)	mm	600	653	684	843	1092	1372	1494	1892	2144	2046
W	mm	300	350	400	450	550	460	610	610	760	760
WT	kg	42	45	60	120	280	465	690	942	1440	1990

1. ≥6" 齿轮传动 Equipped with gear operator

CLASS 1500

NPS	in	2	2 1/2	3	4	6	8	10	12	14	16
DN	mm	50	65	80	100	150	200	250	300	350	400
L(RF)	mm	368	419	470	546	705	832	991	1130	1257	1384
L(BW)	mm	216	254	305	406	559	711	864	991	1067	1194
L(RTJ)	mm	371	422	473	549	711	841	1000	1146	1276	1407
H(OPEN)	mm	600	653	700	850	1168	1372	1655	1810	2215	2330
W	mm	350	400	450	550	460	610	760	760	760	760
WT	kg	42	45	60	125	400	586	974	1464	2140	2750

1. ≥6" 齿轮传动 Equipped with gear operator

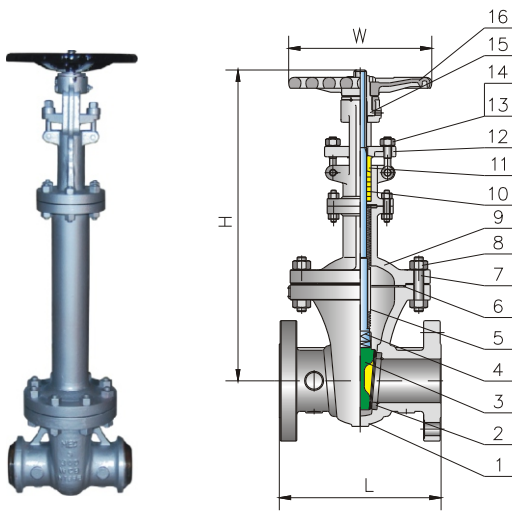
CLASS 2500

NPS	in	2	2 1/2	3	4	6	8
DN	mm	50	65	80	100	150	200
L(RF)	mm	451	508	578	673	914	1022
L(BW)	mm	279	330	368	457	610	762
L(RTJ)	mm	454	514	584	683	927	1038
H(OPEN)	mm	620	647	760	982	933	1345
W	mm	350	400	450	550	610	610
WT	kg	52	55	80	130	480	828

1. ≥6" 齿轮传动 Equipped with gear operator

美标铸钢波纹管闸阀
API cast steel bellow seal gate valve

美标铸钢波纹管闸阀
API cast steel bellow seal gate valve



序号No.	零件名称Part name
1	阀体Body
2	阀座Seat
3	闸板Wedge
4	阀杆Stem
5	波纹管组件Bellow assemble
6	垫片Gasket
7	螺柱Bolt
8	螺母Nut
9	阀盖Bonnet
10	填料Packing
11	填料压套Gland
12	填料压盖Gland flange
13	活节螺母Gland eyebolt
14	压盖螺母Gland nut
15	阀杆螺母Stem nut
16	手轮Handwheel

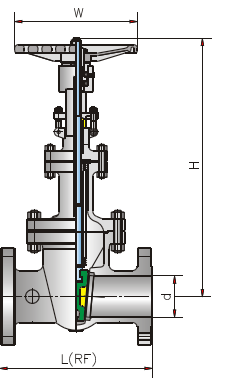
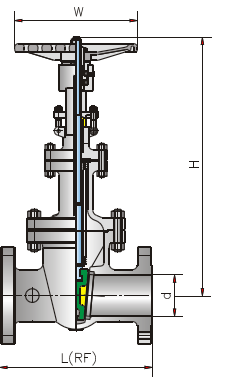
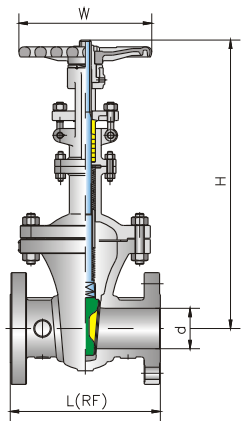
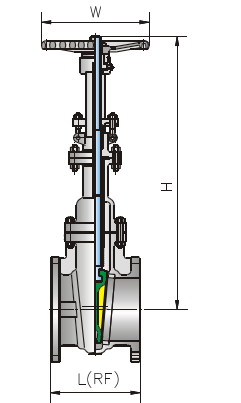
波纹管闸阀应用标准Applicable standards

设计制造Design & manufacture	API 600, ASME B16.34, MSS–SP–117
压力温度基准 P/T class	ASME B16.34
结构长度 Face to face	ASME B16.10 API 6D
法兰连接端 Flanged ends	ASME B16.5(NPS24") ASME B16.47(≥24")
对接焊端 Butt welded ends	ASME B16.25
检查和试验 Inspection & test	API 598, ISO 5208, API 6D

波纹管闸阀主要部件材料Material of main parts

零件名称 Part name	碳钢系列 Carbon steel			不锈钢 Stainless steel			
阀体Body	A216 WCB	A352 LCB	A352 LCC	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
阀盖Bonnet	A216 WCB	A352 LCB	A352 LCC	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
闸板Seat	A216 WCB	A352 LCB	A352 LCC	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
阀座Seat	A105	A350 LF2	A182 F304	A182 F304	A182 F316	A182 F304L	A182 F316L
波纹管Bellow	F304、F316L、Inconel 625、Hastelloy C276、Monel、SS321						
阀杆Stem	A182 F6z	A182 F6a	A182 F304	A182 F304	A182 F316	A182 F304L	A182 F316L
螺柱Bolt	A193 B7	A320 L7	A320 L7	A183 B8	A183 B8M	A183 B8	A183 B8M
螺母Nut	A194 2H	A194 4	A194 4	A194 8	A194 8M	A194 8	A194 8M
填料压套Gland	A276 410	A276 410	A276 304	A276 304	A276 316	A276 304L	A276 316L
填料压板 Gland flange	A216 WCB	A352 LCB	A352 LCC	A351 CF8	A351 CF8	A351 CF8	A351 CF8
填料Packing	石墨Graphite, PTFE			石墨Graphite, PTFE			
垫片Gasket	柔性石墨+不锈钢Flexible Graphite+stainless steel			柔性石墨+不锈钢Flexible Graphite+stainless steel			

材料可以由客户选择，或按客户要求Customers can choose the specific materials as per the above table or as customer's request.



CLASS 150

NPS	in	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
DN	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L(RF)	mm	178	190	203	229	267	267	292	330	356	381	400	432	457	508
L(BW)	mm	216	241	283	305	403	403	419	457	502	572	610	660	711	813
H(OPEN)	mm	570	680	755	865	1120	1120	1460	1790	2270	2670	3110	3500	4160	5170
W	mm	200	200	250	250	300	300	350	400	450	500	550	600	680	610
WT	kg	300	50	650	80	125	125	160	260	340	500	610	780	900	1350

1. ≥14" 带球面推力球轴承Equipped iwth spherical thrust bearing
2. ≥24" 齿轮传动 Equipped with gear operator

CLASS 300

NPS	in	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
DN	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L(RF)	mm	178	241	283	305	381	403	419	457	502	762	838	914	991	1143
L(BW)	mm	216	241	283	305	381	403	419	457	502	762	838	914	991	1143
H(OPEN)	mm	570	830	950	1175	1300	1500	1800	2150	2480	2800	3250	3600	4300	5300
W	mm	200	200	250	250	300	3500	400	450	500	460	460	610	610	6100
WT	kg	300	53	80	95	130	220	300	490	700	940	1150	1600	2600	300

1. ≥12" 带球面推力球轴承Equipped iwth spherical thrust bearing
2. ≥14" 齿轮传动 Equipped with gear operator

CLASS 600

NPS	in	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20
DN	mm	50	65	80	100	125	150	200	250	300	350	400	450	500
L(RF)	mm	292	330	356	432	508	559	660	787	838	889	991	1092	1194
L(BW)	mm	292	330	356	432	508	559	660	787	838	889	991	1092	1194
H(OPEN)	mm	920	980	1010	1190	1380	1730	2100	2370	2770	3080	3570	3950	4700
W	mm	250	250	300	350	400	500	600	720	610	610	610	610	760
WT	kg	50	70	95	120	180	250	440	680	900	1280	1480	1990	3030

1. ≥8" 带球面推力球轴承Equipped iwth spherical thrust bearing
2. ≥8" 齿轮传动 Equipped with gear operator

CLASS 900

NPS	in	2	2 1/2	3	4	6	8	10	12	14	16
DN	mm	50	65	80	100	150	200	250	300	350	400
L(RF)	mm	368	419	381	457	610	737	838	965	1029	1130
L(BW)	mm	368	419	381	457	610	737	838	965	1029	1130
L(RTJ)	mm	371	422	384	460	613	740	841	968	1038	1140
H(OPEN)	mm	547	700	587	679	900	1103	1590	1795	2025	2170
W	mm	300	350	400	450	550	460	610	610	760	760
WT	kg	90	110	123	148	420	650	1160	1700	2300	2750

1. ≥6" 带球面推力球轴承Equipped iwth spherical thrust bearing
2. ≥8" 齿轮传动 Equipped with gear operator

平板阀系列
Flat gate valve series

双闸板平板闸阀 Double-disc Parallel Gate Valve



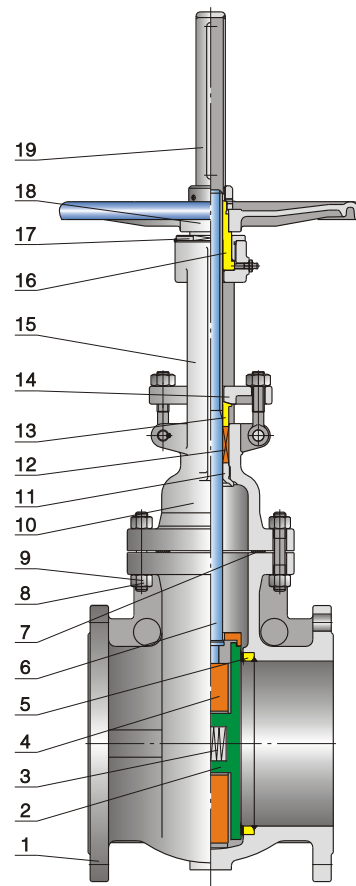
闸阀应用标准Applicable standards

设计制造Design & manufacture	API 600, BS1414, API 6D, API 603, ASME B16.34
压力温度基准 P/T class	ASME B16.34
结构长度 Face to face	ASME B16.10 API 6D DIN3202
法兰连接端 Flanged ends	ASME B16.5(≤NPS24")DIN2501
	ASME B16.47(≥24")
对接焊端 Butt welded ends	ASME B16.34
检查和试验 Inspection & test	API 598, ISO 5208, BS6755, API 6D

主要零件材料 Major Parts Material Form

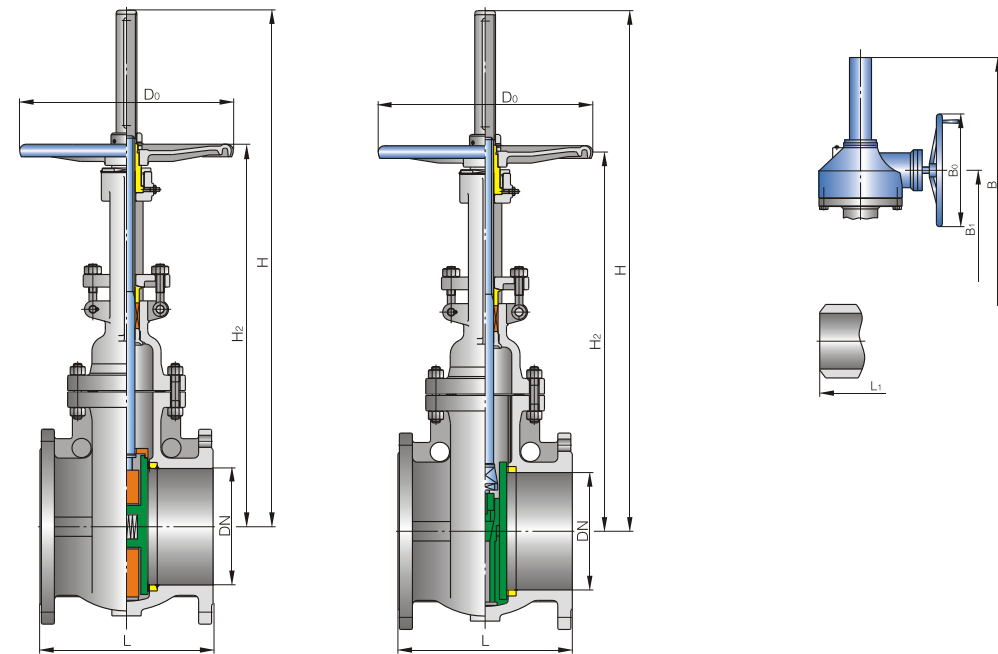
序号 No.	零件名称 Accessory name	材 料 Material			
		普通型 Ordinary type		抗硫型 Antisulphur type	
		GB	ASTM	GB	ASTM
1	阀体 Body	WCB	A216-WCB	WCB	A216-WCB
2	闸板 Disc	25+STL	A105+STL	1Cr18Ni9+STL	A276-304+STL
3	弹簧 Spring	65MM Inconel X-750			
4	闸板架 Disc frame	WCB	A216-WCB	WCB	A216-WCB
5	阀座 Seat	25+STL	A105+STL	1Cr18Ni9+STL	A276-304+STL
6	阀杆 Stem	2Cr13	A276-410	1Cr18Ni9	A276-304
7	垫片 Gasket	柔性石墨+1Cr18Ni9 Graphite+1Cr18Ni9	柔性石墨+304 Graphite+304	柔性石墨+1Cr18Ni9 Graphite+1Cr18Ni9	柔性石墨+304 Graphite+304
8	螺柱 Stud	35CrMoA	A193-B7	35CrMoA	A193-B7
9	螺母 Nut	35	A194-2H	35	A194-2H
10	阀盖 Bonnet	WCB	A216-WCB	WCB	A216-WCB
11	上密封座 Back seat	1Cr13	A276-410	1Cr18Ni9	A276-304
12	填料 Packing	柔性石墨 Graphite			
13	填料压套 Packing press-sleeve	2Cr13	A276-420	2Cr13	A276-420
14	填料压盖 Packing gland	WCB	A276-WCB	WCB	A216-WCB
15	支架 Yoke	WCB	A216-WCB	WCB	A216-WCB
16	阀杆螺母 Stem nut	ZQA19-4	C95500	ZQA19-4	C95500
17	压盖 Gland	25	A105	25	A105
18	手轮 Hand wheel	QT400-17	A536-60-40-18	QT400-17	A536-60-40-18
19	指示罩 Indicating cover	25	A105	25	A105

注：阀门主要零部件材质可根据实际工况条件或用户特殊要求设计选用。
Note: The major parts of the valves can be designed and selected according to actual work condition or customers' specific requirement.



平板阀系列
Flat gate valve series

自动补偿平衡式双平板闸阀 Auto Compensation Balanced Double Parallel Gate Valve
双闸板平板闸阀 Double-disc Parallel Gate Valve



主要外形尺寸 Main Size of Outside

PN1.6、2.5MPa PN2.0MPa API 6D Class150

DN (mm)	NPS (in)	法兰 Flange		对焊 Butt welding L ₁	手 动 Hand-operated			齿 动 Geared driving		
		L			H	H ₂	D ₀	B	B ₁	B ₀
		GB	API							
50	2	250	178	216	475	360	250	—	—	—
65	2 1/2	280	190	241	535	425	300	—	—	—
80	3	310	203	283	600	460	300	—	—	—
100	4	350	229	305	700	535	350	—	—	—
150	6	450	267	403	910	685	350	—	—	—
200	8	550	292	419	1095	815	350	1235	900	310
250	10	650	330	457	1370	965	450	1510	1050	310
300	12	750	356	502	1470	1100	500	1610	1185	310
350	14	850	381	572	1730	1250	600	1890	1345	460
400	16	950	406	610	1870	1375	650	2030	1470	460
450	18	1050	432	660	2185	1485	700	2415	1625	460
500	20	1150	457	711	2335	1575	800	2565	1715	460
600	24	1350	508	813	2815	1995	1000	3045	2135	460
700	28	1450	610	914	—	—	—	—	—	—
800	32	1650	660	965	—	—	—	—	—	—
900	36	1880	813	1016	—	—	—	—	—	—

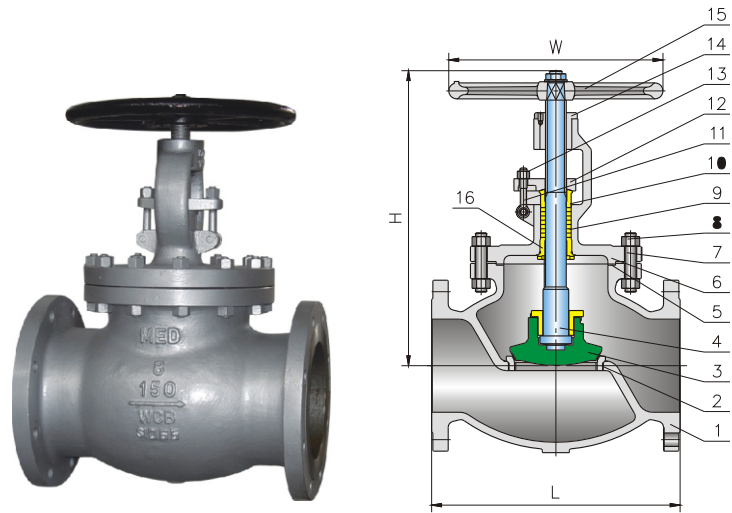
主要外形尺寸 Main Size of Outside

PN4.0MPa PN5.0MPa API 6D Class300

DN (mm)	NPS (in)	法兰Flange		对焊 Butt welding	手 动 Hand-operated			齿 动 Geared driving			
		L			L ₁	H	H ₂	D ₀	B	B ₁	B ₀
		GB	API								
50	2	250	216	216	475	360	250	—	—	—	
65	2 1/2	280	241	241	535	425	300	—	—	—	
80	3	310	283	283	600	460	300	—	—	—	
100	4	350	305	305	700	535	350	—	—	—	
150	6	450	403	403	910	685	350	—	—	—	
200	8	550	419	419	1095	815	350	1235	900	310	
250	10	650	457	457	1370	965	450	1510	1050	310	
300	12	750	502	502	1470	1100	500	1610	1185	310	
350	14	850	762	762	1730	1250	600	1890	1345	460	
400	16	950	838	838	1870	1375	650	2030	1470	460	
450	18	1050	914	914	2185	1485	700	2415	1625	460	
500	20	1150	991	991	2335	1575	800	2565	1715	460	
600	24	1350	1143	1143	2815	1995	1000	3045	2135	460	
700	28	1450	1346	1346	—	—	—	—	—	—	
800	32	1650	1524	1524	—	—	—	—	—	—	
900	36	1880	1727	1727	—	—	—	—	—	—	

铸钢截止阀
Cast steel globe valve

铸钢截止阀
Cast steel globe valve



序号No.	零件名称Part name
1	阀体Body
2	阀座Seat
3	闸板Wedge
4	阀杆Stem
5	垫片Gasket
6	阀盖Bonnet
7	螺柱Bolt
8	螺母Nut
9	填料Packing
10	填料压套Gland
11	活节螺栓Gland eyebolt
12	填料压盖Gland flange
13	压盖螺母Gland nut
14	阀杆螺母Stem nut
15	手轮Handwheel
16	上密封座Backseat

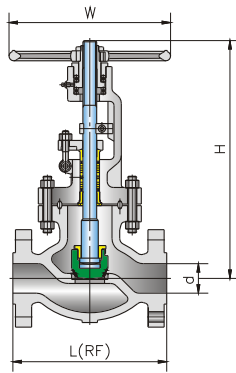
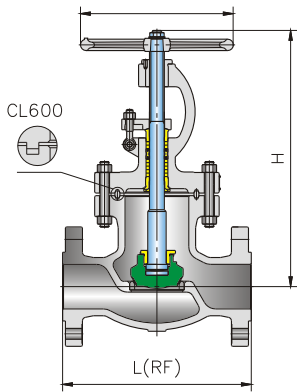
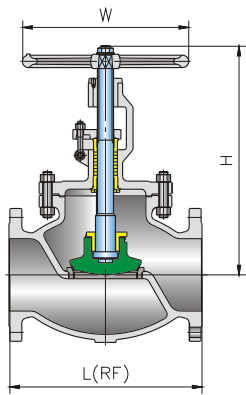
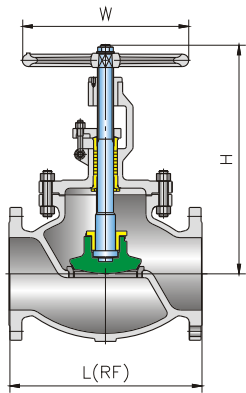
截止阀应用标准Applicable standards

设计制造Design & manufacture	BS1873, API 603, ASME B16.34
压力温度基准 P/T class	ASME B16.34
结构长度 Face to face	ASME B16.10 DIN3202
法兰连接端 Flanged ends	ASME B16.5(≥NPS24")DIN2501
对接焊端 Butt welded ends	ASME B16.25
检查和试验 Inspection & test	API 598, ISO 5208, BS6755,

截止阀主要部件材料Material of main parts

零件名称 Part name	碳钢系列 Carbon steel			合金钢 Alloy steel			不锈钢 Stainless steel				
阀体Body	A216 WCB	A352 LCB	A352 LCC	A217 WC6	A217 WC9	A217 C12	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M	A351 CD4MCu
阀盖Bonnet	A216 WCB	A352 LCB	A352 LCC	A217 WC6	A217 WC9	A217 C12	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M	A351 CD4MCu
阀瓣Disc	A216 WCB	A352 LCB	A352 LCC	A217 WC6	A217 WC9	A217 C12	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M	A351 CD4MCu
阀座Seat	A105	A350 LF2	A182 F304	A182 F11	A182 F22	A182 F9	A182 F304	A182 F316	A182 F304L	A182 F316L	A182 F51
阀杆Stem	A182 F6z	A182 F6a	A182 F304	A182 F304	A182 F304	A182 F304	A182 F304	A182 F316	A182 F304L	A182 F316L	17-4Ph
螺柱Bolt	A193 B7	A320 L7	A320 L7	A193 B16	A193 B16	A193 B16	A183 B8	A183 B8M	A183 B8	A183 B8M	A193 B8M
螺母Nut	A194 2H	A194 4	A194 4	A194 4	A194 4	A194 4	A194 8	A194 8M	A194 8	A194 8M	A194 8M
填料压套Gland	A276 410	A276 410	A276 304	A276 304	A276 304	A276 304	A276 304	A276 316	A276 304L	A276 316L	A182 F51
填料压板 Gland flange	A216 WCB	A352 LCB	A352 LCC	A217 WC6	A217 WC9	A217 C12	A351 CF8	A351 CF8	A351 CF8	A351 CF8	A351 CF8
填料Packing	石墨Graphite, PTFE			石墨Graphite	石墨Graphite	石墨Graphite	石墨Graphite, PTFE				
垫片Gasket	四氟垫, 复合垫, 缠绕垫, 金属垫 Pure PTFE, Compound gasket, Spiralwound gasket, metallic gasket			复合垫, 缠绕垫, 金属垫 Compound gasket, Spiralwounded gasket, metallic gasket			四氟垫, 复合垫, 缠绕垫, 金属垫 Pure PTFE, Compound gasket, Spiralwounded gasket, metallic gasket				

材料可以由客户选择, 或按客户要求Customers can choose the specific materials as per the above table or as customer's request.



CLASS 150

NPS	in	2	2 1/2	3	4	5	6	8	10	12	14	16
DN	mm	50	65	80	100	125	150	200	250	300	350	400
L(RF)	mm	203	216	241	292	356	406	495	622	698	787	914
L(BW)	mm	203	216	241	292	356	406	495	622	698	787	914
L(RTJ)	mm	216	229	254	305	368	419	508	635	711	800	927
H(OPEN)	mm	373	390	421	515	538	567	626	712	862	950	994
W	mm	200	250	250	300	350	350	400	500	460	460	460
WT	kg	21	28	42	64	77	105	154	288	507	640	870

1. ≥ 12" 齿轮传动 Equipped with gear operator

CLASS 300

NPS	in	2	2 1/2	3	4	5	6	8	10	12	14	16
DN	mm	50	65	80	100	125	150	200	250	300	350	400
L(RF)	mm	267	292	318	356	400	444	559	622	711	838	864
L(BW)	mm	267	292	318	356	400	444	559	622	711	838	864
L(RTJ)	mm	283	308	333	371	416	460	575	638	727	854	880
H(OPEN)	mm	398	436	462	560	620	694	982	1130	1049	1385	1560
W	mm	200	250	250	350	400	450	560	864	460	610	610
WT	kg	31	43	57	86	130	168	280	385	724	820	1060

1. ≥ 12" 齿轮传动 Equipped with gear operator

CLASS 600

NPS	in	2	2 1/2	3	4	6	8	10	12
DN	mm	50	65	80	100	150	200	250	300
L(RF)	mm	292	330	356	432	559	660	787	838
L(BW)	mm	292	330	356	432	559	660	787	838
L(RTJ)	mm	295	333	359	435	562	664	791	840
H(OPEN)	mm	425	502	520	620	886	932	1040	1280
W	mm	250	300	350	450	720	460	610	760
WT	kg	39	58	73	120	327	482	700	900

1. ≥ 8" 齿轮传动 Equipped with gear operator

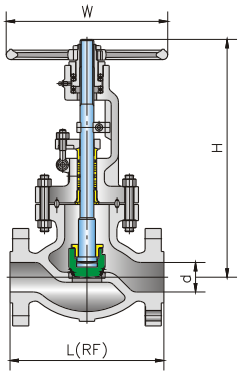
CLASS 900

NPS	in	2	2 1/2	3	4	6	8
DN	mm	50	65	80	100	150	200
L(RF)	mm	368	419	381	457	610	737
L(BW)	mm	368	419	381	457	610	737
L(RTJ)	mm	371	422	384	460	613	740
H(OPEN)	mm	535	630	675	780	935	1050
W	mm	350	400	450	560	460	610
WT	kg	75	94	105	185	340	630

1. ≥ 6" 齿轮传动 Equipped with gear operator

铸钢截止阀
Cast steel globe valve

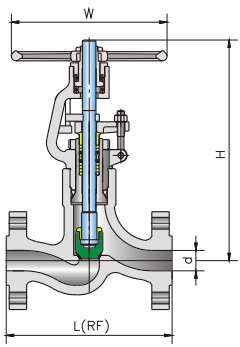
美标铸钢波纹管截止阀
API cast steel bellow seal gate valve



CLASS 1500

NPS	in	2	2 1/2	3	4	6	8
DN	mm	50	65	80	100	150	200
L(RF)	mm	368	419	470	546	705	832
L(BW)	mm	368	419	470	546	705	832
L(RTJ)	mm	371	422	473	549	711	841
H(OPEN)	mm	592	660	692	907	1015	1145
W	mm	350	400	450	460	610	610
WT	kg	84	115	183	277	415	615

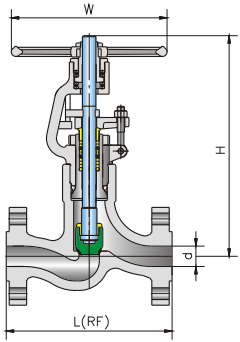
1. ≥6" 齿轮传动 Equipped with gear operator



CLASS 900

NPS	in	2	2 1/2	3	4	6	8	10	12	14
DN	mm	50	65	80	100	150	200	250	300	350
L(RF)	mm	368	419	381	457	610	737	838	965	1029
L(BW)	mm	371	422	384	460	613	740	841	968	1039
L(RTJ)	mm	216	254	305	356	508	660	787	914	990
H(OPEN)	mm	457	457	457	584	825	990	1186	1320	1524
W	mm	350	400	450	560	460	610	910	910	910
WT(BW)	kg	55	65	80	120	261	437	727	1030	1534
WT	kg	75	94	105	185	340	630	950	1350	2050

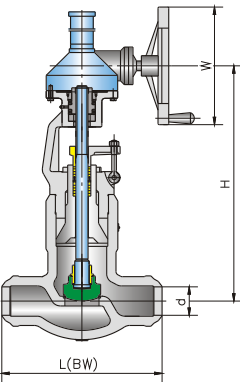
1. ≥6" 齿轮传动 Equipped with gear operator



CLASS 1500

NPS	in	2	2 1/2	3	4	6	8	10	12
DN	mm	50	65	80	100	150	200	250	300
L(RF)	mm	368	419	470	546	705	832	991	1130
L(BW)	mm	371	422	473	549	711	841	1001	1146
L(RTJ)	mm	216	254	305	406	559	711	864	991
H(OPEN)	mm	592	660	692	907	1015	1145	1270	1447
W	mm	350	400	450	460	610	610	910	1060
WT(BW)	kg	55	65	100	160	367	626	1163	1835
WT	kg	84	115	183	277	510	852	1533	2390

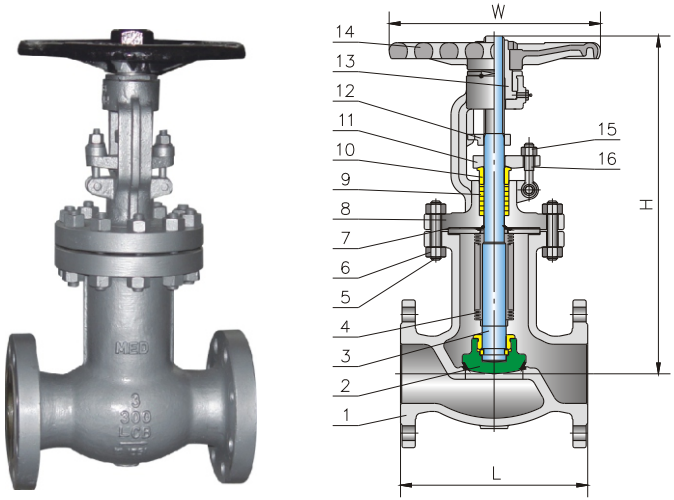
1. ≥6" 齿轮传动 Equipped with gear operator



CLASS 2500

NPS	in	2	2 1/2	3	4	6	8	10	12
DN	mm	50	65	80	100	150	200	250	300
L(RF)	mm	451	508	578	673	914	1022	1270	1422
L(BW)	mm	454	524	584	683	927	1038	1292	1444
L(RTJ)	mm	279	330	368	457	610	762	914	1041
H(OPEN)	mm	592	660	692	907	1015	1200	1416	1524
W	mm	400	400	450	460	710	910	1060	1060
WT(BW)	kg	74	74	114	240	459	767	1320	1905
WT	kg	120	120	195	360	770	1238	2222	3310

1 ≥6" 齿轮传动 Equipped with gear operator



序号No.	零件名称Part name
1	阀体Body
2	阀瓣Disc
3	阀杆Stem
4	波纹管组件Bellow assemble
5	螺栓Bolt
6	螺母Nut
7	垫片Gasket
8	阀盖Bonnet
9	填料Packing
10	填料压套Gland
11	填料压盖Gland flange
12	定位块Guiding piece
13	阀杆螺母Stem nut
14	手轮Handwheel
15	活节螺栓Gland eyebolt
16	压盖螺母Gland nut

波纹管截止阀应用标准Applicable standards

设计制造Design & manufacture	BS1873, ASME B16.34, MSS-SP-117
压力温度基准 P/T class	ASME B16.34
结构长度 Face to face	ASME B16.10
法兰连接端 Flanged ends	ASME B16.5
对接焊端 Butt welded ends	ASME B16.25
检查和试验 Inspection & test	API 598

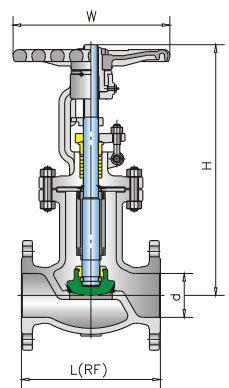
波纹管截止阀主要部件材料Material of main parts

零件名称 Part name	碳钢系列 Carbon steel			不锈钢 Stainless steel			
阀体Body	A216 WCB	A352 LCB	A352 LCC	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
阀盖Bonnet	A216 WCB	A352 LCB	A352 LCC	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
阀瓣Bonnet	A216 WCB	A352 LCB	A352 LCC	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M
波纹管Bellow	F304、F316L、Inconel 625、Hastelloy C276、Monel、SS321						
阀杆Stem	A182 F6z	A182 F6a	A182 F304	A182 F304	A182 F316	A182 F304L	A182 F316L
螺栓Bolt	A193 B7	A320 L7	A320 L7	A183 B8	A183 B8M	A183 B8	A183 B8M
螺母Nut	A194 2H	A194 4	A194 4	A194 8	A194 8M	A194 8	A194 8M
填料压套Gland	A276 410	A276 410	A276 304	A276 304	A276 316	A276 304L	A276 316L
填料压板 Gland flange	A216 WCB	A352 LCB	A352 LCC	A351 CF8	A351 CF8	A351 CF8	A351 CF8
填料Packing	石墨Graphite, PTFE			石墨Graphite, PTFE			
垫片Gasket	柔性石墨+不锈钢Flexible Graphite+stainless steel			柔性石墨+不锈钢Flexible Graphite+stainless steel			

材料可以由客户选择，或按客户要求Customers can choose the specific materials as per the above table or as customer's request.

美标铸钢波纹管截止阀
API cast steel bellow seal gate valve

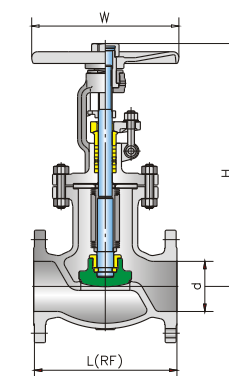
铸钢止回阀
Cast steel check valve



CLASS 150

NPS	in	2	2 1/2	3	4	5	6	8	10	12	14	16
DN	mm	50	65	80	100	125	150	200	250	300	350	400
L(RF)	mm	203	216	241	292	356	406	495	622	698	787	994
L(BW)	mm	203	216	241	292	356	406	495	622	698	787	994
H(OPEN)	mm	470	560	560	660	700	750	900	1300	1600	1800	1950
W	mm	220	250	280	320	350	400	450	560	460	460	460
WT	kg	24	32	48	74	89	121	177	331	583	736	1000

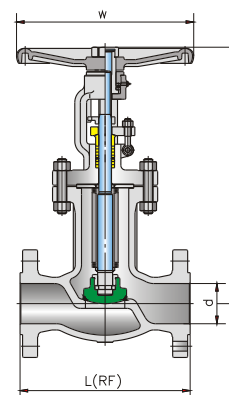
1. ≥ 12" 齿轮传动 Equipped with gear operator



CLASS 300

NPS	in	2	2 1/2	3	4	5	6	8	10	12	14	16
DN	mm	50	65	80	100	125	150	200	250	300	350	400
L(RF)	mm	267	292	318	356	400	444	559	622	711	838	864
L(BW)	mm	267	292	318	356	400	444	559	622	711	838	864
H(OPEN)	mm	510	560	560	660	700	850	1080	1300	1600	1900	1950
W	mm	250	280	300	350	400	450	560	560	460	610	610
WT	kg	31	43	57	86	130	168	288	424	798	902	1060

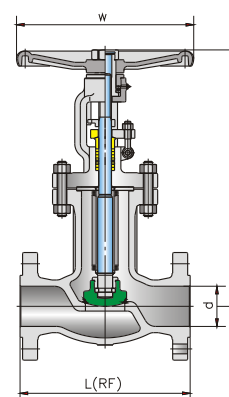
1. ≥ 12" 齿轮传动 Equipped with gear operator



CLASS 600

NPS	in	2	2 1/2	3	4	5	6	8	10	12
DN	mm	50	65	80	100	125	150	200	250	300
L(RF)	mm	292	330	356	432	559	559	660	787	838
L(BW)	mm	292	330	356	432	559	559	660	787	838
H(OPEN)	mm	510	650	650	720	710	960	1200	1450	1700
W	mm	250	300	350	450	720	720	460	610	760
WT	kg	39	58	73	120	327	327	530	840	1150

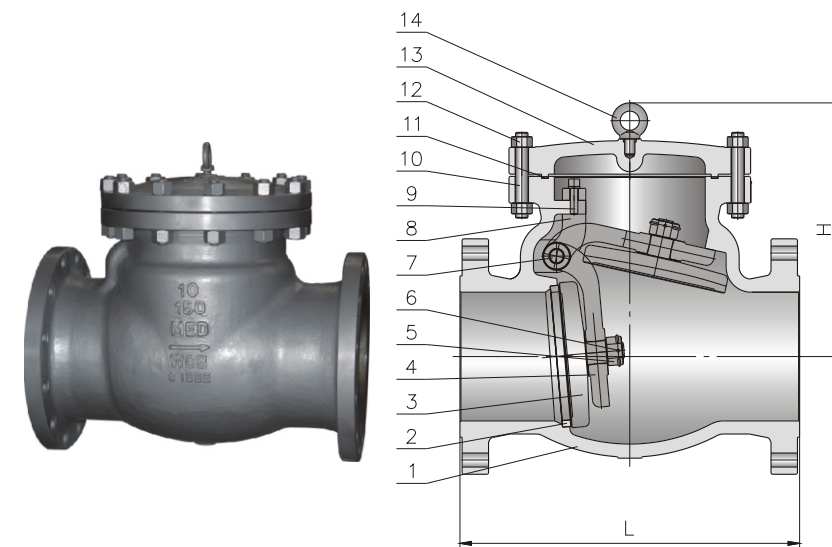
1. ≥ 12" 齿轮传动 Equipped with gear operator



CLASS 900

NPS	in	2	2 1/2	3	4	5	6	8	10	12
DN	mm	50	65	80	100	125	150	-	-	-
L(RF)	mm	368	419	381	457	559	610	-	-	-
L(BW)	mm	368	419	381	457	559	610	-	-	-
H(OPEN)	mm	600	700	760	885	1065	1200	-	-	-
W	mm	350	350	400	450	550	650	-	-	-
WT	kg	55	68	95	160	270	410	-	-	-

1. ≥ 12" 齿轮传动 Equipped with gear operator



序号No.	零件名称Part name
1	阀体Body
2	阀座Seat
3	阀瓣Disc
4	摇杆Hinge
5	阀瓣螺母Disc nut
6	开口销Lock pin
7	销轴Pin
8	挂架Yoke
9	螺钉Screw
10	螺柱Bolt
11	垫片Gasket
12	螺母Nut
13	阀盖Bonnet
14	吊环Hook screw

止回阀应用标准Applicable standards

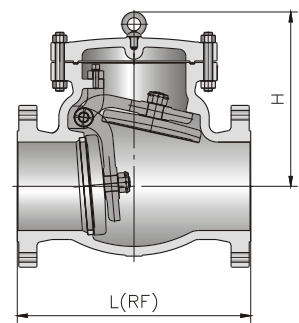
设计制造 Design & manufacture	旋启式Swing type	API 6D, BS 1868, ASME B16.34
	升降式Lift type	BS 1873, ASME B16.34
	双瓣式Dual plates type	API 6D, API 594, ASME B16.34
压力温度基准 P/T class		ASME B16.34
结构长度 Face to face	旋启式Swing type	ASME B16.10 API 6D DIN3202
	升降式Lift type	ASME B16.10 DIN 3202
	双瓣式Dual plates type	API 6D, API 594
法兰连接端 Flanged ends		ASME B16.5(≥NPS24")DIN2501 ASME B16.47(≥24")
对接焊端 Butt welded ends		ASME B16.25
检查和试验 Inspection & test		API 598, ISO 5208, BS6755, API 6D

止回阀主要部件材料Material of main parts

零件名称 Part name	碳钢系列 Carbon steel			合金钢 Alloy steel			不锈钢 Stainless steel				
阀体Body	A216 WCB	A352 LCB	A352 LCC	A217 WC6	A217 WC9	A217 C12	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M	A351 CD4MCu
阀盖Bonnet	A216 WCB	A352 LCB	A352 LCC	A217 WC6	A217 WC9	A217 C12	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M	A351 CD4MCu
阀瓣Disc	A216 WCB	A352 LCB	A352 LCC	A217 WC6	A217 WC9	A217 C12	A351 CF8	A351 CF8M	A351 CF3	A351 CF3M	A351 CD4MCu
阀座Seat	A105	A350 LF2	A182 F304	A182 F11	A182 F22	A182 F9	A182 F304	A182 F316	A182 F304L	A182 F316L	A182 F51
阀杆Stem	A182 F6a	A182 F6a	A182 F304	A182 F304	A182 F304	A182 F304	A182 F304	A182 F316	A182 F304L	A182 F316L	17-4Ph
螺柱Bolt	A193 B7	A320 L7	A320 L7	A193 B16	A193 B16	A193 B16	A183 B8	A183 B8M	A183 B8	A183 B8M	A193 B8M
螺母Nut	A194 2H	A194 4	A194 4	A194 4	A194 4	A194 4	A194 8	A194 8M	A194 8	A194 8M	A194 8M
垫片Gasket	四氟垫, 复合垫, 缠绕垫, 金属垫 Pure PTFE, Compound gasket, Spiralwounded gasket, metallic gasket			复合垫, 缠绕垫, 金属垫 Compound gasket, Spiralwounded gasket, metallic gasket			四氟垫, 复合垫, 缠绕垫, 金属垫 Pure PTFE, Compound gasket, Spiralwounded gasket, metallic gasket				

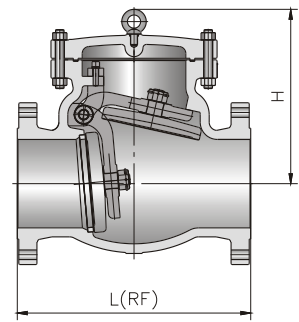
材料可以由客户选择, 或按客户要求Customers can choose the specific materials as per the above table or as customer's request

铸钢止回阀
Cast steel check valve



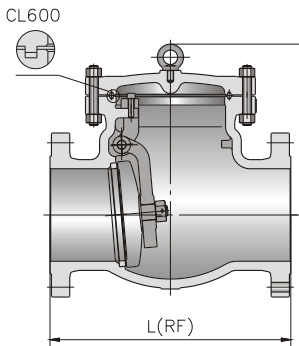
CLASS 150

NPS	in	2	2½	3	4	5	6	8	10	12	14	16	18	20	24	30	36
DN	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	750	900
L(RF)	mm	203	216	241	292	330	356	495	622	698	787	864	978	978	1295	1524	1955
L(BW)	mm	203	216	241	292	330	356	495	622	698	787	864	978	978	1295	1524	1955
L(RTJ)	mm	216	229	254	305	343	368	508	635	711	800	876	991	991	1308	1537	1968
H	mm	150	168	180	204	230	275	340	355	410	480	556	620	680	740	980	1935
WT	kg	17	21	30	42	72	74	110	182	285	375	570	665	810	1450	1890	2250



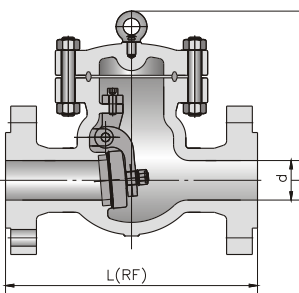
CLASS 300

NPS	in	2	2½	3	4	5	6	8	10	12	14	16	18	20	24	30
DN	mm	50	65	80	100	125	150	200	250	300	350	400	450	500	600	750
L(RF)	mm	267	292	318	356	400	444	533	622	711	838	864	978	1016	1346	1594
L(BW)	mm	267	292	318	356	400	444	533	622	711	838	864	978	1016	1346	1594
L(RTJ)	mm	283	308	333	371	416	460	549	638	727	854	879	994	1036	1368	1619
H	mm	180	185	210	270	345	360	370	385	440	520	554	590	614	725	866
WT	kg	21	32	43	61	84	131	220	385	455	680	840	1025	1320	2040	2830



CLASS 600

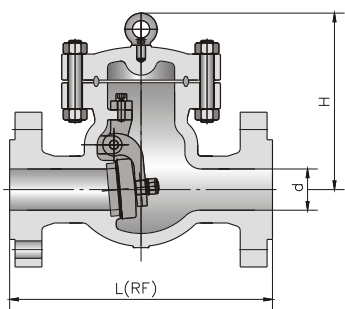
NPS	in	2	2½	3	4	6	8	10	12	14	16	18	20	24
DN	mm	50	65	80	100	150	200	250	300	350	400	450	500	600
L(RF)	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397
L(BW)	mm	292	330	356	432	559	660	787	838	889	991	1092	1194	1397
L(RTJ)	mm	295	333	359	435	562	664	791	841	892	994	1095	1200	1407
H	mm	197	207	231	281	362	437	490	528	572	660	720	746	960
WT	kg	36	49	68	111	230	416	673	875	944	1220	1620	2120	3100



CLASS 900

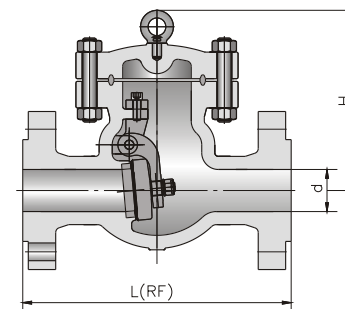
NPS	in	2	2½	3	4	6	8	10	12	14	16
DN	mm	50	65	80	100	150	200	250	300	350	400
L(RF)	mm	368	419	381	457	610	737	838	965	1029	1130
L(BW)	mm	368	419	381	457	610	737	838	965	1029	1130
L(RTJ)	mm	371	422	384	460	508	740	841	968	1038	1140
H	kg	240	260	280	320	382	530	560	590	630	700
WT		69	93	91	145	259	565	900	1200	1500	2130

铸钢止回阀
Cast steel check valve



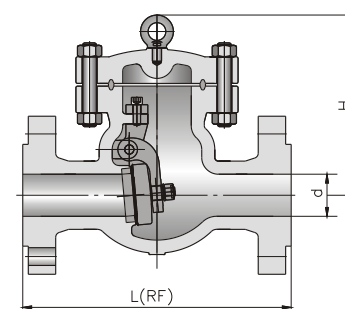
CLASS 900

NPS	in	2	2½	3	4	6	8	10	12
DN	mm	50	65	80	100	150	200	250	300
L(RF)	mm	368	419	470	546	705	832	991	1130
L(BW)	mm	368	419	470	546	705	832	991	1130
L(RTJ)	mm	371	422	473	549	711	841	1000	1146
H	kg	310	330	350	375	400	530	560	650
WT		69	93	140	232	490	990	1490	1970



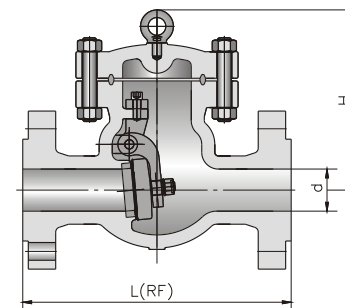
CLASS 900

NPS	in	2	2½	3	4	6	8	10	12	14	16
DN	mm	50	65	80	100	150	200	250	300	350	400
L(RF)	mm	368	419	381	457	610	737	838	965	1029	1130
L(BW)	mm	371	422	381	460	613	740	841	968	1038	1140
L(RTJ)	mm	216	254	305	356	508	660	787	914	991	1092
H	kg	240	260	280	320	382	530	560	590	630	700
WT		55	66	80	100	200	460	700	1020	1220	1350



CLASS 1500

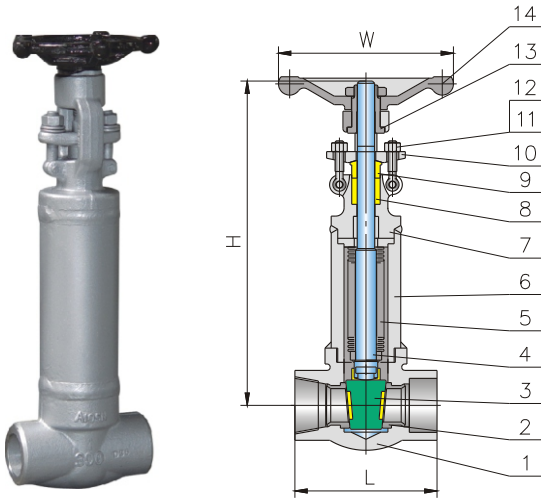
NPS	in	2	2½	3	4	6	8	10	12	14	16
DN	mm	50	65	80	100	150	200	250	300	350	400
L(RF)	mm	368	419	470	546	705	832	991	1130	1257	1384
L(BW)	mm	371	422	473	549	711	841	1000	1146	1276	1406
L(RTJ)	mm	216	254	305	406	559	711	867	991	1067	1194
H	kg	310	330	350	375	400	530	560	650	770	850
WT		55	66	100	130	290	600	900	1200	1500	1700



CLASS 2500

NPS	in	2	2½	3	4	6	8	10	12	14	16
DN	mm	50	65	80	100	150	200	250	300	350	400
L(RF)	mm	451	508	578	673	914	1022	1270	1422	—	—
L(BW)	mm	454	514	584	683	927	1038	1292	1445	—	—
L(RTJ)	mm	279	330	368	457	610	762	914	1041	1118	1245
H	kg	310	330	350	375	473	599	650	705	790	870
WT		65	85	120	170	460	900	1300	1800	2450	3200

美标锻钢波纹管闸阀
API forged steel bellow seal gate valve



序号No.	零件名称Part name
1	阀体Body
2	阀座Seat
3	阀板Wedge
4	阀杆Stem
5	波纹管组件Bellow assemblie
6	换管Cupling pipe
7	支架Yoke
8	填料Packing
9	填料压套Gland
10	填料压盖Gland flange
11	活节螺栓Gland eyebolt
12	压盖螺母Gland nut
13	阀杆螺母Stem nut
14	手轮Handwheel

波纹管闸阀应用标准Applicable standards

设计制造Design & manufacture	API 602, MSS-SP-117
压力温度基准 P/T class	ASME B16.34
承插端Cocket ends	ANSI B16.11
螺纹端Screw ends	ANSI B1.20.1
法兰连接端 Flanged ends	ASME B16.5
对接焊端 Butt welded ends	ASME B16.25
检查和试验 Inspection & test	API 598

波纹管闸阀主要部件材料Material of main parts

零件名称 Part name	碳钢系列 Carbon steel		不锈钢 Stainless steel			
阀体Body	A105	A352 LF2	A182 F304	A182 F316	A182 F304L	A182 F316L
阀盖Bonnet	A105	A352 LF2	A182 F304	A182 F316	A182 F304L	A182 F316L
阀板Wedge	A276 420	A267 420	A182 F304	A182 F316	A182 F304L	A182 F316L
阀座Seat	A276 420	A276 410	A182 F304	A182 F316	A182 F304L	A182 F316L
波纹管Bellow	F304、F316L、Inconel 625、Hastelloy C276、Monel、SS321					
阀杆Stem	A182 F6C	A182 F6C	A182 F304	A182 F316	A182 F304L	A182 F316L
螺栓Bolt	A193 B7	A320 L7	A193 B8	A193 B8M	A193 B8	A193 B8M
螺母Nut	A194 2H	A194 4	A194 8	A194 8M	A194 8	A194 8M
填料压套Gland	A276 420	A276 420	A182 F304	A182 F316	A182 F304L	A182 F316L
填料压板 Gland flange	A105	A352 LF2	A182 F304	A182 F316	A182 F304L	A182 F316L
填料Packing	石墨Graphite, PTFE		石墨Graphite, PTFE			
垫片Gasket	柔性石墨+不锈钢Flexible Graphite+stainless steel		柔性石墨+不锈钢Flexible Graphite+stainless steel			

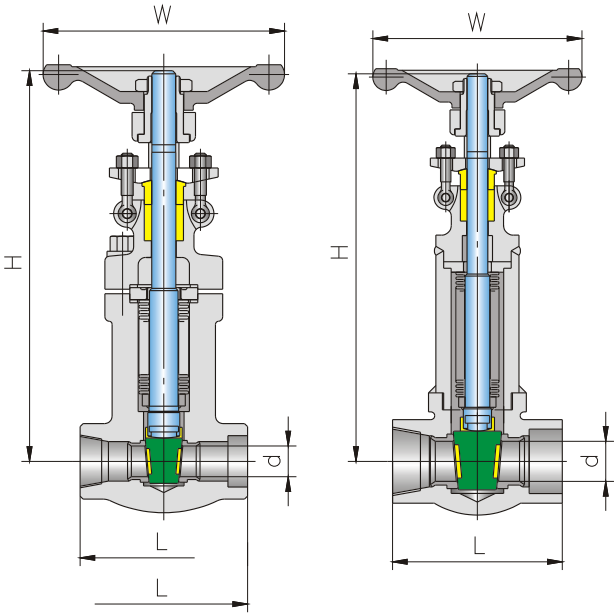
材料可以由客户选择，或按客户要求Customers can choose the specific materials as per the above table or as customer's request.

锻钢波纹管闸阀
Forged steel bellows gate valve

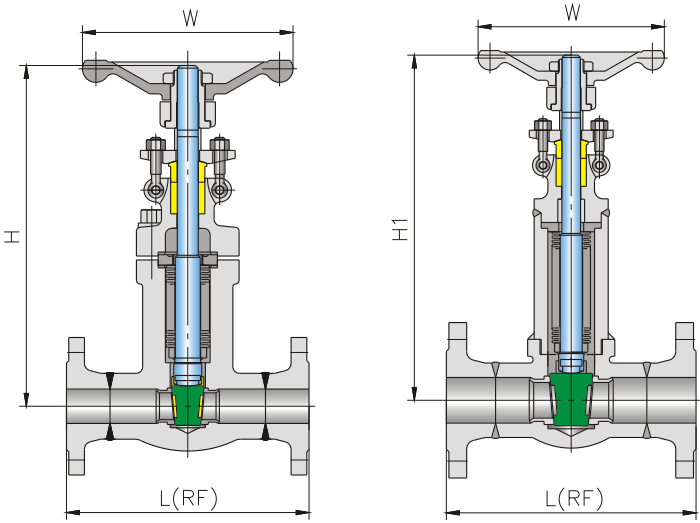


CLASS 800螺纹及承插焊连接
Thread socket welding

NPS(in)	缩径(RP)	1/2	3/4	1	1 1/4	1 1/2	2
	全径(FP)	1/4	3/8	1/2	3/4	1	1 1/4
d	mm	7.5	10.5	13.5	18	24	29
L	mm	79	79	92	111	120	140
H(OPEN)	mm	255	255	285	345	545	594
W	mm	100	100	100	125	160	180
WT	Kg	3	3	3.3	5.9	10.2	16.2



阀门结构特点：锻钢波纹管阀门分螺栓连接阀盖（BB）和焊接阀盖（WB），使用明杆支架QS & Y
The valves structure characteristics: Forged steel bellows valve includes Bolted Bonnet (BB) and Welding Cover (WB), use of OS & Y.

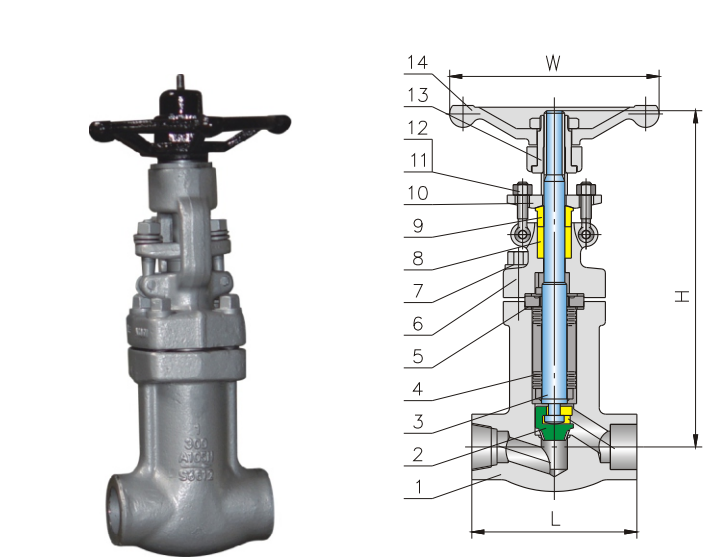


CLASS 150、300、600法兰及对焊连接
Flange butt welding

NPS		in	1/2	3/4	1	1 1/4	1 1/2	2
DN		mm	15	20	25	32	40	50
150Lb	L(RF)	mm	108	117	127	140	165	178
	L(RTJ)	mm	119	130	140	152	170	191
	L(BW)	mm	108	117	127	140	165	218
	H(OPEN)	mm	225	285	345	445	545	594
300Lb	L(RF)	mm	140	152	165	178	190	216
	L(RTJ)	mm	151	165	178	191	203	232
	L(BW)	mm	140	152	165	178	190	216
	H(OPEN)	mm	255	285	345	445	545	594
600Lb	L(RF)	mm	165	190	216	229	241	292
	L(RTJ)	mm	164	191	216	229	241	295
	L(BW)	mm	165	190	216	229	241	292
	H(OPEN)	mm	255	285	345	450	545	294
W		mm	100	100	125	160	160	180
WT	150Lb	Kg	5	6	9	13	15.2	24
	300Lb	Kg	6	8	11	16	19	28
	600Lb	Kg	7	10	13	18	22	32

结构长度Face to face: ASME B16.10

美标锻钢波纹管截止阀
API forged steel bellow seal globe valve



序号No.	零件名称Part name
1	阀体Body
2	阀瓣Disc
3	阀杆Stem
4	波纹管组件Bellow assemble
5	垫片Gasket
6	阀盖Bonnet
7	螺柱Bolt
8	填料Packing
9	填料压套Gland
10	填料压盖Gland flange
11	活节螺栓Gland eyebolt
12	压盖螺母Gland nut
13	阀杆螺母Stem nut
14	手轮Handwheel

波纹管闸阀应用标准Applicable standards

设计制造Design & manufacture	API 602, MSS-SP-117
压力温度基准 P/T class	ASME B16.34
承插端Cocket ends	ANSI B16.11
螺纹端Screw ends	ANSI B1.20.1
法兰连接端 Flanged ends	ASME B16.5
对接焊端 Butt welded ends	ASME B16.25
检查和试验 Inspection & test	API 598

波纹管闸阀主要部件材料Material of main parts

零件名称 Part name	碳钢系列 Carbon steel		不锈钢 Stainless steel			
阀体Body	A105	A352 LF2	A182 F304	A182 F316	A182 F304L	A182 F316L
阀盖Bonnet	A105	A352 LF2	A182 F304	A182 F316	A182 F304L	A182 F316L
阀瓣Disc	A276 420	A267 420	A182 F304	A182 F316	A182 F304L	A182 F316L
波纹管Bellow	F304、F316L、Inconel 625、Hastelloy C276、Monel、SS321					
阀杆Stem	A182 F6a	A182 F6a	A182 F304	A182 F316	A182 F304L	A182 F316L
螺柱Bolt	A193 B7	A320 L7	A193 B8	A193 B8M	A193 B8	A193 B8M
螺母Nut	A194 2H	A194 4	A194 8	A194 8M	A194 8	A194 8M
填料压套Gland	A276 420	A276 420	A182 F304	A182 F316	A182 F304L	A182 F316L
填料压板 Gland flange	A105	A352 LF2	A182 F304	A182 F316	A182 F304L	A182 F316L
填料Packing	石墨Graphite, PTFE		石墨Graphite, PTFE			
垫片Gasket	柔性石墨+不锈钢Flexible Graphite+stainless steel		柔性石墨+不锈钢Flexible Graphite+stainless steel			

材料可以由客户选择，或按客户要求Customers can choose the specific materials as per the above table or as customer's request.

锻钢波纹管截止阀
Forged steel bellows globe valve



CLASS 800螺纹及承插焊连接
Thread socket welding

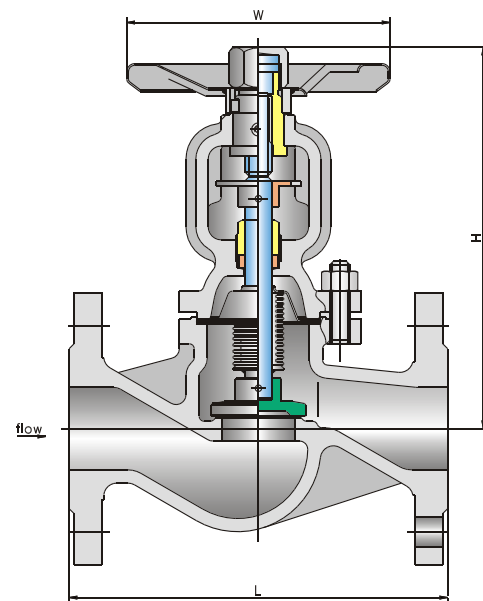
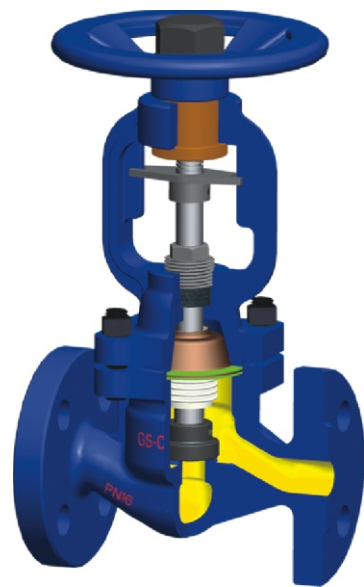
NPS(in)	缩径(RP)	1/2	3/4	1	1 1/4	1 1/2	2	1 1/2
	全径(FP)	1/4	3/8	1/2	3/4	1	1 1/4	1/2
d	mm	7	9	13	17.5	23	30	35
L	mm	79	79	92	111	120	152	172
H(OPEN)	mm	237	237	239	270	298	340	395
W	mm	100	100	100	125	160	160	180
WT	Kg	2.6	2.6	2.7	4.4	6.7	8.8	15

CLASS 150、300、600法兰及对焊连接
Flange butt welding

NPS		in	1/2	3/4	1	1 1/4	1 1/2	2
DN		mm	15	20	25	32	40	50
150Lb	L(RF)	mm	109	117	127	140	165	203
	L(RTJ)	mm	119	130	140	152	178	216
	L(BW)	mm	108	117	127	140	165	203
	H(OPEN)	mm	237	239	270	298	340	395
300Lb	L(RF)	mm	152	178	203	216	229	267
	L(RTJ)	mm	164	191	216	229	241	283
	L(BW)	mm	152	178	203	216	229	267
	H(OPEN)	mm	237	239	270	298	340	395
600Lb	L(RF)	mm	165	190	216	229	241	292
	L(RTJ)	mm	164	191	216	229	241	295
	L(BW)	mm	165	190	216	229	241	292
	H(OPEN)	mm	237	239	270	298	30450	395
W		mm	100	100	125	160	160	180
WT	150Lb	Kg	4.2	4.8	7.7	12.5	14	21.5
	300Lb	Kg	4.5	5.2	8.3	14.5	16	24
	600Lb	Kg	6.3	8.6	13.5	19.5	26	34

结构长度Face to face: ASME B16.10

波纹管截止阀 Bellow Seal Globe Valve

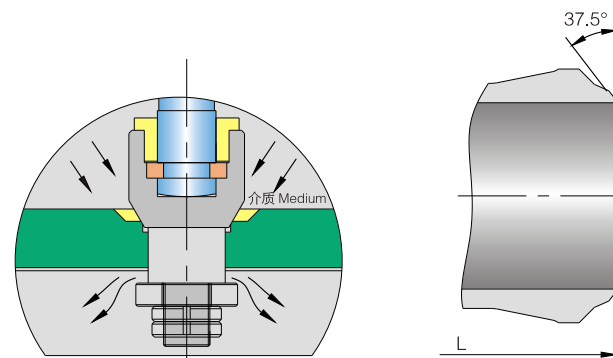


技术规范

- 1、驱动方式：手动/电动/气动
- 2、结构形式：BB-BG-OS&Y
- 3、设计标准：DIN3356/EN13709
- 4、结构长度：DIN3202/EN558-1
- 5、法兰标准：DIN2543-2545/EN1092
- 6、焊接端标准：DIN3239/EN12627
- 7、检验和试验标准：DIN3230/EN12266

Technical Specification

- 1、Operation Way: Manual/Electric/Pneumatic
- 2、Structure Type: BB-BG-OS&Y
- 3、Design Standard: DIN3356/EN13709
- 4、Face to Face: DIN3202/EN558-1
- 5、Flange Standard: DIN2543-2545/EN1092
- 6、Welded End Standard: DIN3239/EN12627
- 7、Test and Inspection Standard: DIN3230/EN12266



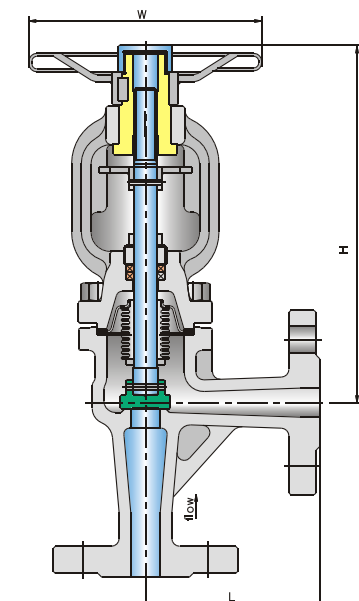
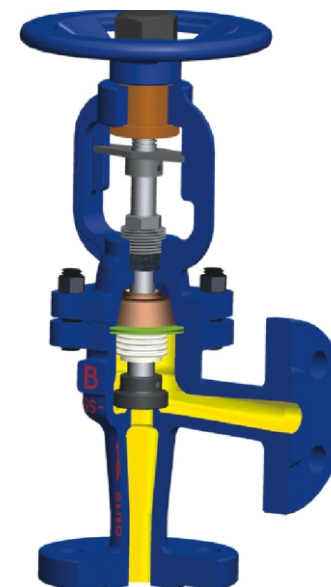
双阀瓣 Double disc

DN>250(PN16)
DN>200(PN25-40)

对焊端BW
Butt welded

型号type	WJ ₆ 1-(16-40)													
DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850
H	192	192	202	202	226	230	245	270	345	382	435	545	724	810
W	PN16 25	120	120	140	140	160	180	180	200	250	300	300	400	520
	PN40	120	120	140	140	160	180	180	250	300	350	350	450	520
行程 Travel	6	6	8	8	13	13	16	20	25	32	40	50	65	75
Kv	4.5	7.5	12	19	30	48	77	120	188	285	410	725	1145	1635

波纹管角式截止阀 Bellow Seal Angle Globe Valve

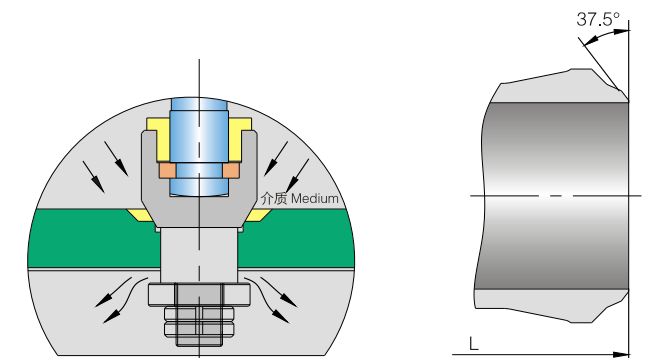


技术规范

- 1、驱动方式：手动/电动/气动
- 2、结构形式：BB-BG-OS&Y
- 3、设计标准：DIN3356/EN13709
- 4、结构长度：DIN3202/EN558-1
- 5、法兰标准：DIN2543-2545/EN1092
- 6、焊接端标准：DIN3239/EN12627
- 7、检验和试验标准：DIN3230/EN12266

Technical Specification

- 1、Operation Way: Manual/Electric/Pneumatic
- 2、Structure Type: BB-BG-OS&Y
- 3、Design Standard: DIN3356/EN13709
- 4、Face to Face: DIN3202/EN558-1
- 5、Flange Standard: DIN2543-2545/EN1092
- 6、Welded End Standard: DIN3239/EN12627
- 7、Test and Inspection Standard: DIN3230/EN12266



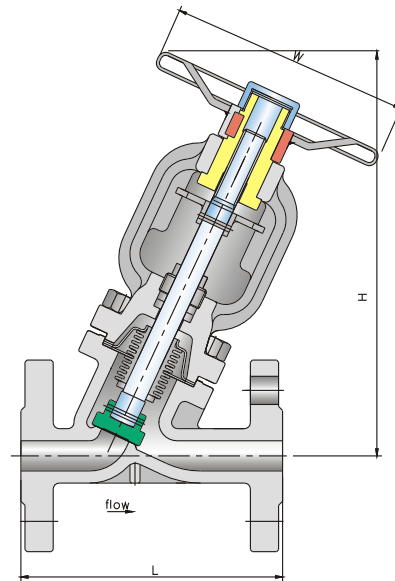
双阀瓣 Double disc

DN>250(PN16)
DN>200(PN25-40)

对焊端BW
Butt welded

型号type	WJ ₆ 4-(16-40)													
DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	90	95	100	105	115	125	145	155	175	200	225	275	325	375
H	185	185	192	192	212	212	220	245	310	335	382	470	627	685
W	PN16 25	120	120	140	140	160	180	180	200	250	300	300	400	520
	PN40	120	120	140	140	160	180	180	250	300	350	350	450	520
行程 Travel	6	6	8	8	13	13	16	20	25	32	40	50	65	75
Kv	4.2	7.4	12	18	26	47	77	120	188	288	410	725	1140	1630

波纹管Y型截止阀 Y Type Bellow Seal Globe Valve

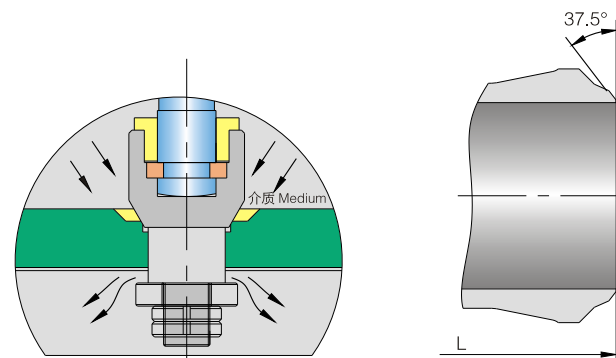


技术规范

- 1、驱动方式：手动/电动/气动
- 2、结构形式：BB-BG-OS&Y
- 3、设计标准：DIN3356/EN13709
- 4、结构长度：DIN3202/EN558-1
- 5、法兰标准：DIN2543-2545/EN1092
- 6、焊接端标准：DIN3239/EN12627
- 7、检验和试验标准：DIN3230/EN12266

Technical Specification

- 1、Operation Way: Manual/Electric/Pneumatic
- 2、Structure Type: BB-BG-OS&Y
- 3、Design Standard: DIN3356/EN13709
- 4、Face to Face: DIN3202/EN558-1
- 5、Flange Standard: DIN2543-2545/EN1092
- 6、Welded End Standard: DIN3239/EN12627
- 7、Test and Inspection Standard: DIN3230/EN12266

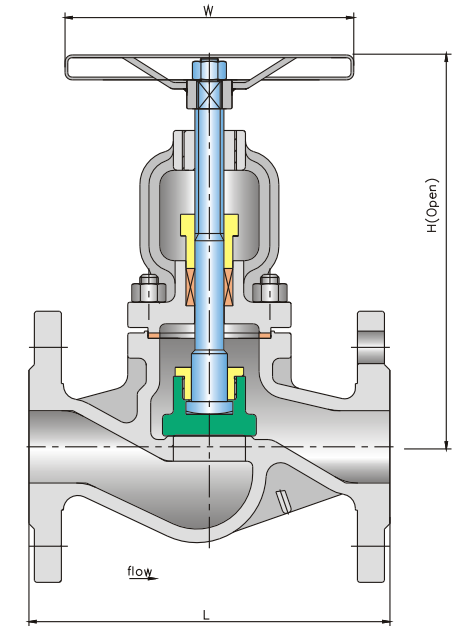


双阀瓣 Double disc
DN>250(PN16)
DN>200(PN25-40)

对焊端BW
Butt welded

型号 Type	WJ ⁴ ₅ -(16-40)													
DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850
H	197	201	205	205	230	248	266	282	367	412	455	605	768	865
W	PN16 25	120	120	140	140	160	180	180	200	250	300	300	400	520
	PN40	120	120	140	140	160	180	180	250	300	350	350	450	520
行程 Travel	6	6	8	8	13	13	16	20	25	32	40	50	65	75
Kv	5.7	6.6	12.7	17	35.8	48	77	120	188	285	410	789	1272	1817

直通式截止阀 Straight Through Globe Valve

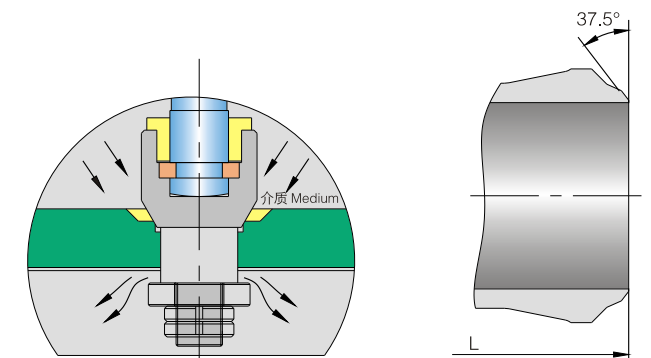


技术规范

- 1、驱动方式：手动/电动/气动
- 2、结构形式：BB-BG-OS&Y
- 3、设计标准：DIN3356/EN13709
- 4、结构长度：DIN3202/EN558-1
- 5、法兰标准：DIN2543-2545/EN1092
- 6、焊接端标准：DIN3239/EN12627
- 7、检验和试验标准：DIN3230/EN12266

Technical Specification

- 1、Operation Way: Manual/Electric/Pneumatic
- 2、Structure Type: BB-BG-OS&Y
- 3、Design Standard: DIN3356/EN13709
- 4、Face to Face: DIN3202/EN558-1
- 5、Flange Standard: DIN2543-2545/EN1092
- 6、Welded End Standard: DIN3239/EN12627
- 7、Test and Inspection Standard: DIN3230/EN12266

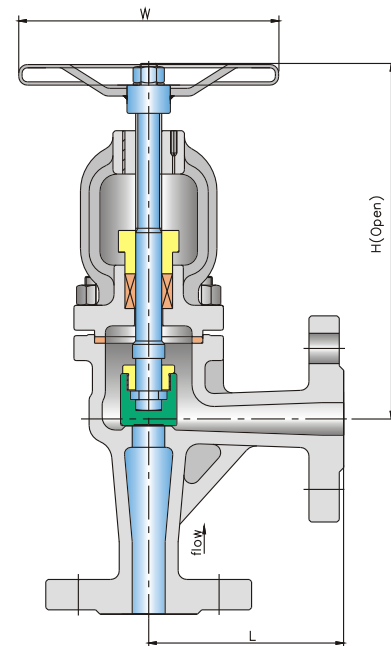
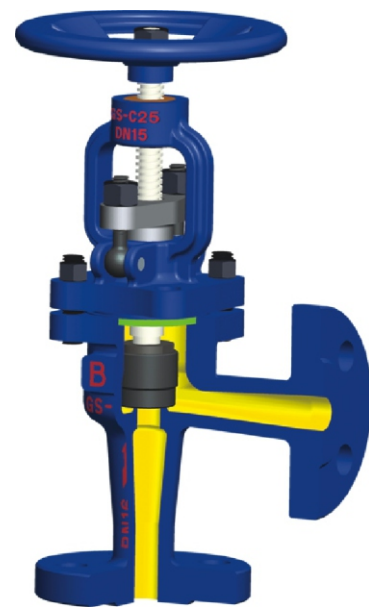


双阀瓣 Double disc
DN>250(PN16)
DN>200(PN25-40)

对焊端BW
Butt welded

型号type	J ⁴ ₆ 1-(16-40)													
DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850
H	181	185	198	198	232	254	287	318	381	433	489	650	762	890
W	PN16 25	120	120	140	140	160	180	180	200	250	300	320	400	520
	PN40	120	120	140	140	160	180	180	250	300	350	350	450	520
行程 Travel	7	7	11	11	14	16	18	24	28	35	45	60	70	90
Kv	4.5	7.5	12	19	30	48	77	120	188	285	410	725	1145	1635

角式截止阀
Angle Globe Valve

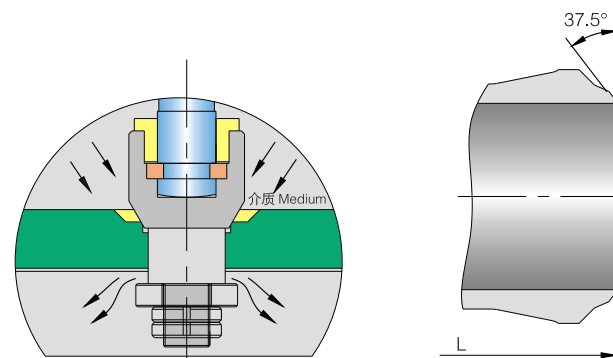


技术规范

- 1、驱动方式：手动/电动/气动
- 2、结构形式：BB-BG-OS&Y
- 3、设计标准：DIN3356/EN13709
- 4、结构长度：DIN3202/EN558-1
- 5、法兰标准：DIN2543-2545/EN1092
- 6、焊接端标准：DIN3239/EN12627
- 7、检验和试验标准：DIN3230/EN12266

Technical Specification

- 1、Operation Way: Manual/Electric/Pneumatic
- 2、Structure Type: BB-BG-OS&Y
- 3、Design Standard: DIN3356/EN13709
- 4、Face to Face: DIN3202/EN558-1
- 5、Flange Standard: DIN2543-2545/EN1092
- 6、Welded End Standard: DIN3239/EN12627
- 7、Test and Inspection Standard: DIN3230/EN12266

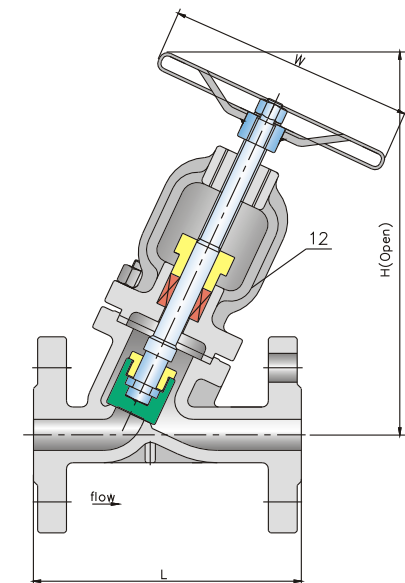


双阀瓣 Double disc
DN>250(PN16)
DN>200(PN25-40)

对焊端BW
Butt welded

型号type		J44-(16-40)													
DN		15	20	25	32	40	50	65	80	100	125	150	200	250	300
L		90	95	100	105	115	125	145	155	175	200	225	275	325	375
H		170	170	184	184	214	218	241	276	324	356	415	515	620	710
W	PN16 25	120	120	140	140	160	180	180	200	250	300	300	400	520	520
	PN40	120	120	140	140	160	180	180	250	300	350	350	450	520	520
Kv		4.2	7.4	12	18	26	47	77	120	188	288	410	725	1140	1630

Y型截止阀
Y-type Globe Valve

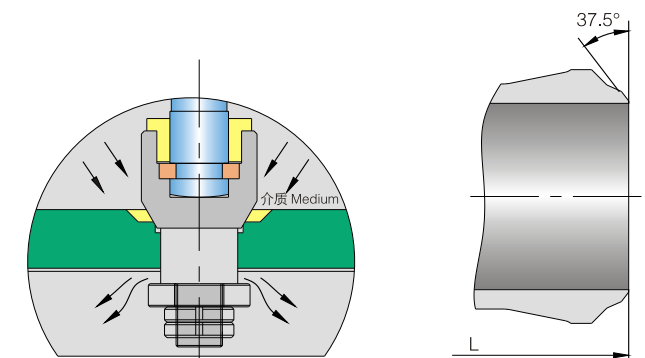


技术规范

- 1、驱动方式：手动/电动/气动
- 2、结构形式：BB-BG-OS&Y
- 3、设计标准：DIN3356/EN13709
- 4、结构长度：DIN3202/EN558-1
- 5、法兰标准：DIN2543-2545/EN1092
- 6、焊接端标准：DIN3239/EN12627
- 7、检验和试验标准：DIN3230/EN12266

Technical Specification

- 1、Operation Way: Manual/Electric/Pneumatic
- 2、Structure Type: BB-BG-OS&Y
- 3、Design Standard: DIN3356/EN13709
- 4、Face to Face: DIN3202/EN558-1
- 5、Flange Standard: DIN2543-2545/EN1092
- 6、Welded End Standard: DIN3239/EN12627
- 7、Test and Inspection Standard: DIN3230/EN12266

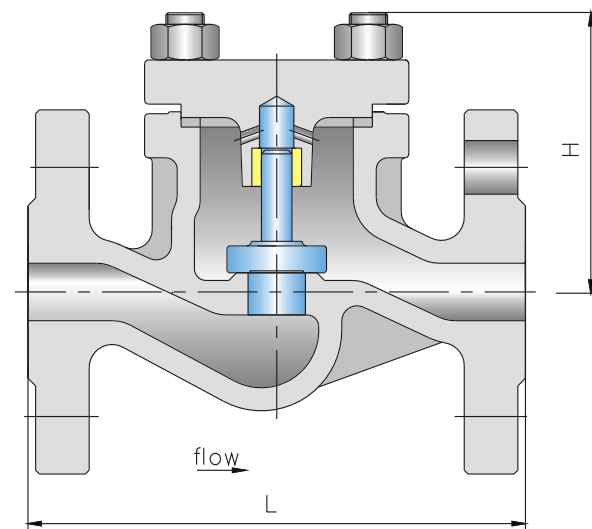
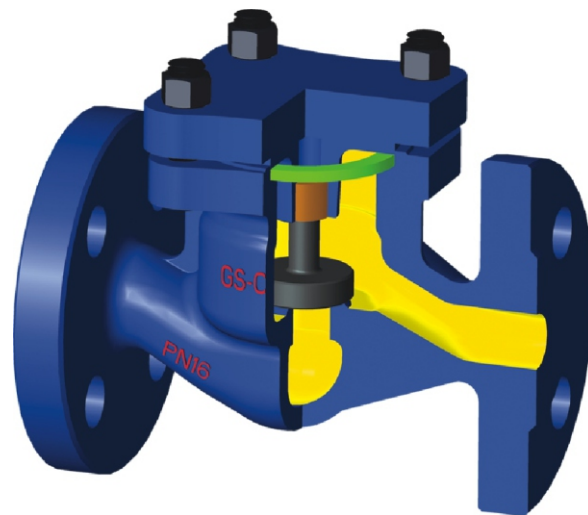


双阀瓣 Double disc
DN>250(PN16)
DN>200(PN25-40)

对焊端BW
Butt welded

型号type		J45--(16--40)													
DN		15	20	25	32	40	50	65	80	100	125	150	200	250	300
L		130	150	160	180	200	230	290	310	350	400	480	600	730	850
H		181	185	198	198	232	254	287	318	381	433	489	650	762	890
W	PN16 25	120	120	140	140	160	180	180	200	250	300	320	400	520	520
	PN40	120	120	140	140	160	180	180	250	300	350	350	450	520	520
行程 Travel		7	7	11	11	14	16	18	24	28	35	45	60	70	90
Kv		5.7	6.6	12.7	17	35.8	48	77	120	188	285	410	787	1272	1817

直通式止回阀 Straight Check Valve

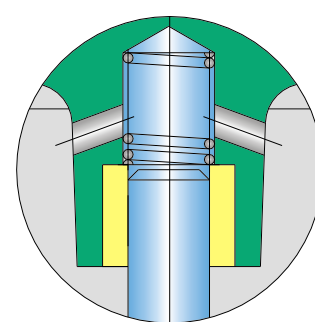


技术规范

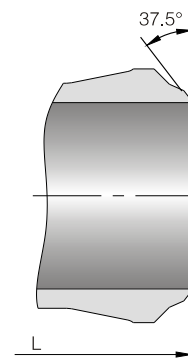
- 1、结构形式: BB
- 2、设计标准: DIN3356/EN13709
- 3、结构长度: DIN3202/EN558-1
- 4、法兰标准: DIN2543-2545/EN1092
- 5、焊接端标准: DIN3239/EN12627
- 6、检验和试验标准: DIN3230/EN12266

Technical Specification

- 1、Structure Type: BB
- 2、Design Standard: DIN3356/EN13709
- 3、Face to Face: DIN3202/EN558-1
- 4、Flange Standard: DIN2543-2545/EN1092
- 5、Welded End Standard: DIN3239/EN12627
- 6、Test and Inspection Standard: DIN3230/EN12266



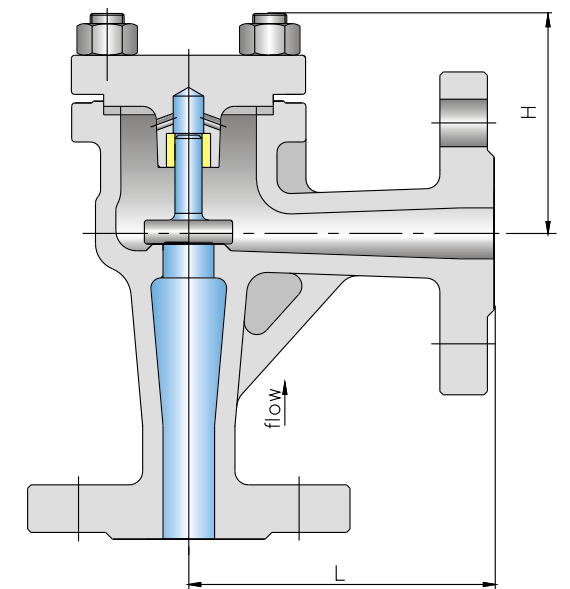
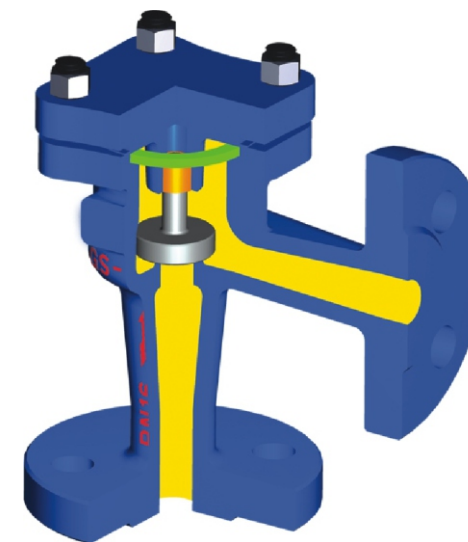
弹簧加载
Spring Loaded



对焊端BW
Butt welded

型号type	H41-(16-40)													
DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850
H	73	73	83	83	97	101	121	138	156	188	216	277	345	415
行程 Travel	10	10	12	12	18	18	20	25	30	40	50	70	75	80
Kv	4.5	7.5	12	19	30	48	77	120	188	285	410	725	1145	1635

角式止回阀 Angle Check Valve

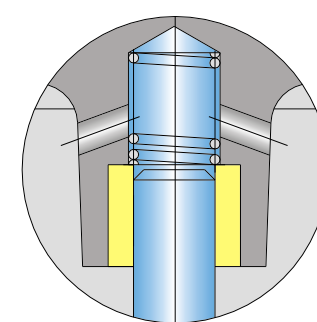


技术规范

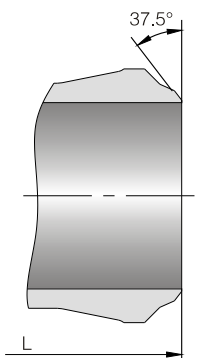
- 1、结构形式: BB
- 2、设计标准: DIN3356/EN13709
- 3、结构长度: DIN3202/EN558-1
- 4、法兰标准: DIN2543-2545/EN1092
- 5、焊接端标准: DIN3239/EN12627
- 6、检验和试验标准: DIN3230/EN12266

Technical Specification

- 1、Structure Type: BB
- 2、Design Standard: DIN3356/EN13709
- 3、Face to Face: DIN3202/EN558-1
- 4、Flange Standard: DIN2543-2545/EN1092
- 5、Welded End Standard: DIN3239/EN12627
- 6、Test and Inspection Standard: DIN3230/EN12266



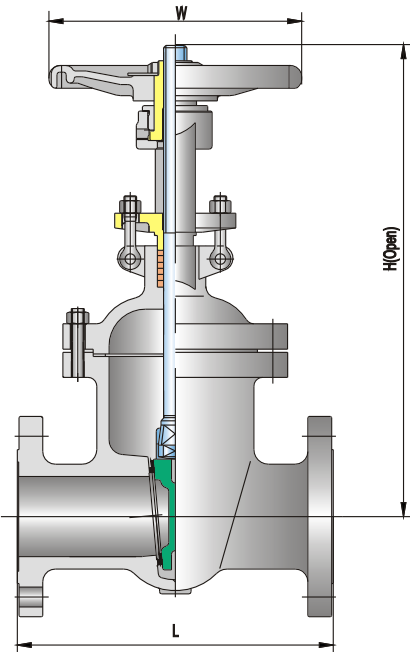
弹簧加载
Spring Loaded



对焊端BW
Butt welded

型号type	H41-(16-40)													
DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	90	95	100	105	115	125	145	155	175	200	225	275	325	375
H	65	65	71	71	82	83	94	108	119	142	163	203	248	290
行程 Travel	10	10	12	12	18	18	20	25	30	40	50	70	75	80
Kv	4.2	7.4	12	18	26	47	77	120	188	288	410	725	1140	1630

闸阀
Gate Valve



技术规范

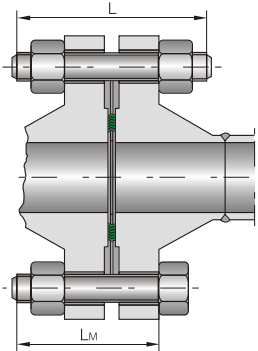
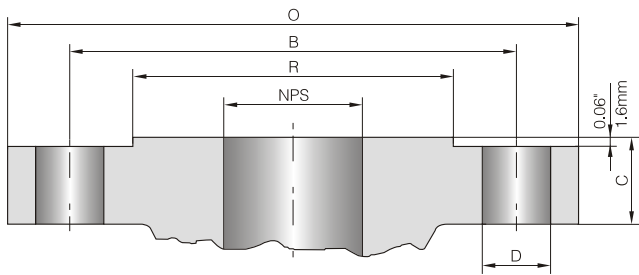
- 1、驱动方式：手动/电动/气动
- 2、结构形式：BB-BG-OS&Y
- 3、设计标准：DIN3352/EN13709
- 4、结构长度：DIN3202/EN558-1
- 5、法兰标准：DIN2543-2545/EN1984
- 6、焊接端标准：DIN3239/EN12627
- 7、检验和试验标准：DIN3230/EN12266

Technical Specification

- 1、Operation Way: Manual/Electric/Pneumatic
- 2、Structure Type: BB-BG-OS&Y
- 3、Design Standard: DIN3356/EN13709
- 4、Face to Face: DIN3202/EN558-1
- 5、Flange Standard: DIN2543-2545/EN1092
- 6、Welded End Standard: DIN3239/EN12627
- 7、Test and Inspection Standard: DIN3230/EN12266

PN	1.6MPa														
DN	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600
L	240	250	270	280	300	325	350	400	450	500	550	600	650	700	800
H	300	358	375	434	502	612	676	820	970	1142	1280	1450	1600	1676	1865
W	200	280	280	320	360	400	400	400	450	550	640	640	720	720	800
Kv	25	40	66	94	162	254	366	650	1010	1465	1837	2437	3122	3876	5660

法兰尺寸
Flanged Dimensions



Class 150Lb

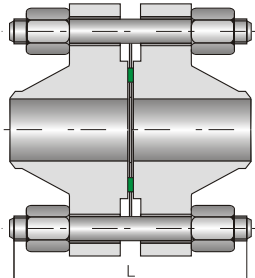
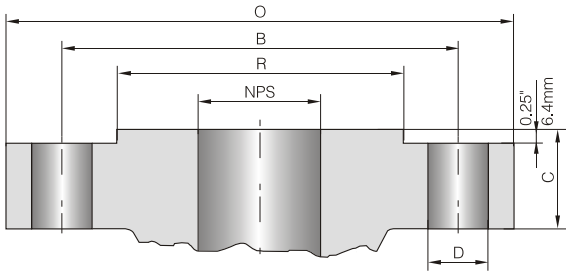
NPS		O		C		R		B		D		Bolt		L		LM	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	QTY.	Diam	in	mm	in	mm
2	50	6.00	152.4	0.75	19.1	3.62	91.9	4.75	120.7	0.75	19.1	4	5/8	3.25	82.6	2.75	69.9
2 1/2	65	7.00	177.8	0.88	22.4	4.12	104.6	5.50	139.7	0.75	19.1	4	5/8	3.50	88.9	3.00	76.2
3	80	7.50	190.5	0.94	23.9	5.00	127.0	6.00	152.4	0.75	19.1	4	5/8	3.50	88.9	3.00	76.2
4	100	9.00	228.6	0.94	23.9	6.19	157.2	7.50	190.5	0.75	19.1	8	5/8	3.50	88.9	3.00	76.2
5	125	10.00	254.0	0.97	23.9	7.31	185.7	8.50	215.9	0.88	22.4	8	3/4	3.75	95.3	3.25	82.6
6	150	11.00	279.4	1.00	25.4	8.50	215.9	9.50	241.3	0.88	22.4	8	3/4	4.00	101.6	3.25	82.6
8	200	13.50	342.9	1.12	28.4	10.62	269.7	11.75	298.5	0.88	22.4	8	3/4	4.25	108.0	3.50	88.9
10	250	16.00	406.4	1.19	30.2	12.75	323.9	14.25	362.0	1.00	25.4	12	7/8	4.50	114.3	4.00	101.6
12	300	19.00	482.6	1.25	31.8	15.00	381.0	17.00	431.8	1.00	25.4	12	7/8	4.75	120.7	4.00	101.6
14	350	21.00	533.4	1.38	35.1	16.25	412.8	18.75	476.3	1.12	28.4	12	1	5.25	133.4	4.50	114.3
16	400	23.50	596.9	1.44	36.6	18.50	469.9	21.25	539.8	1.12	28.4	16	1	5.25	133.4	4.50	114.3
18	450	25.00	635.0	1.56	39.6	21.00	533.4	22.75	577.9	1.25	31.8	16	1 1/8	5.75	146.1	5.00	127.0
20	500	27.50	698.5	1.69	42.9	23.00	584.2	25.00	635.0	1.25	31.8	20	1 1/8	6.25	168.8	5.50	139.7
24	600	32.00	812.8	1.88	47.8	27.25	692.2	29.50	749.3	1.38	35.1	20	1 1/4	6.75	171.5	6.00	152.4
26	650	34.25	870.0	2.69	68.3	29.50	749.3	31.75	806.5	1.38	35.1	24	1 1/4	8.25	209.6	7.50	190.5
28	700	36.50	927.1	2.81	71.4	31.50	800.1	34.00	863.6	1.38	35.1	28	1 1/4	8.50	215.9	7.75	196.9
30	750	38.75	984.3	2.94	74.7	33.75	857.3	36.00	914.4	1.38	35.1	28	1 1/4	9.00	228.6	8.00	203.2
32	800	41.75	1060.5	3.18	80.8	36.00	914.4	38.50	977.9	1.62	41.1	28	1 1/2	9.75	247.7	8.75	222.3
34	850	43.75	1111.3	3.25	82.6	38.00	965.2	40.50	1028.7	1.62	41.1	32	1 1/2	10.00	254.0	9.00	228.6
36	900	46.00	1168.4	3.56	90.4	40.25	1022.4	42.75	1085.9	1.62	41.1	32	1 1/2	10.50	266.7	9.50	241.3

Class 300Lb

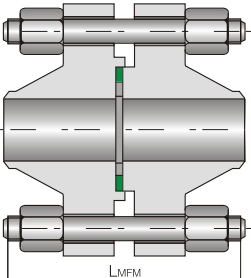
NPS		O		C		R		B		D		Bolt		L		LRTJ		LM	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	QTY.	Diam	in	mm	in	mm	in	mm
2	50	6.50	165.1	0.88	22.4	3.62	91.9	5.00	127.0	0.75	19.1	8	5/8	3.50	88.9	4.00	101.6	3.00	6.2
2 1/2	65	7.50	190.5	1.00	25.4	4.12	104.6	5.88	149.4	0.88	22.4	8	3/4	4.00	101.6	4.50	114.3	3.25	82.6
3	80	8.25	209.6	1.12	28.4	5.00	127.0	6.62	168.1	0.88	22.4	8	3/4	4.25	108.0	4.75	120.7	3.50	88.9
4	100	10.00	254.0	1.25	31.8	6.19	157.2	7.88	200.2	0.88	22.4	8	3/4	4.50	114.3	5.00	127.0	3.75	95.3
5	125	11.00	279.4	1.38	35.1	7.31	185.7	9.25	235.0	0.88	22.4	8	3/4	4.75	120.7	5.25	133.4	4.25	108.0
6	150	12.50	317.5	1.44	36.6	8.50	215.9	10.62	269.7	0.88	22.4	12	3/4	4.75	120.7	5.50	139.7	4.25	108.0
8	200	15.00	381.0	1.62	41.1	10.62	269.7	13.00	330.2	1.00	25.4	12	7/8	5.50	139.7	6.00	152.4	4.75	120.7
10	250	17.50	444.5	1.88	47.8	12.75	323.9	15.25	387.4	1.12	28.4	16	1	6.25	158.8	6.75	171.5	5.50	139.7
12	300	20.50	520.7	2.00	50.8	15.00	381.0	17.75	450.9	1.25	31.8	16	1 1/8	6.75	171.5	7.25	184.2	5.75	146.1
14	350	23.00	584.2	2.12	53.8	16.25	412.8	20.25	514.4	1.25	31.8	20	1 1/8	7.00	177.8	7.50	190.5	6.25	158.8
16	400	25.50	647.7	2.25	57.2	18.50	469.9	22.50	571.5	1.38	35.1	20	1 1/4	7.50	190.5	8.00	203.2	6.50	165.1
18	450	28.00	711.2	2.38	60.5	21.00	533.4	24.75	628.7	1.38	35.1	24	1 1/4	7.75	196.9	8.25	209.6	6.75	171.5
20	500	30.50	774.7	2.50	63.5	23.00	584.2	27.00	685.8	1.38	35.1	24	1 1/4	8.00	203.2	8.75	222.3	7.25	184.2
24	600	36.00	914.4	2.75	69.9	27.25	692.2	32.00	812.8	1.62	41.1	24	1 1/2	9.00	228.6	10.00	254.0	8.00	203.2
26	650	38.25	971.6	3.12	79.2	29.50	749.3	34.50	876.3	1.75	44.5	28	1 5/8	10.25	260.4	11.25	285.8	9.25	235.0
28	700	40.75	1035.1	3.38	85.9	31.50	800.1	37.00	939.8	1.75	44.5	28	1 5/8	10.75	273.1	11.75	298.5	9.75	247.7
30	750	43.00	1092.2	3.62	91.9	33.75	857.3	39.25	997.0	1.88	47.8	28	1 3/4	11.50	292.1	12.50	317.5	10.50	266.7
32	800	45.25	1149.4	3.88	98.6	36.00	914.4	41.50	1054.1	2.00	50.8	28	1 7/8	12.25	311.2	13.50	342.9	11.25	285.8
34	850	47.50	1206.5	4.00	101.6	38.00	965.2	43.50	1104.9	2.00	50.8	28	1 7/8	12.75	323.9	13.75	349.3	11.75	298.5
36	900	50.00	1270.0	4.12	104.6	40.25	1022.4	46.00	1168.4	2.12	53.8	32	2	13.25	336.6	14.25	362.0	12.25	311.2

- a) NPS 24" and smaller flanged ends by ANSI B16.5, NPS 26" and larger by MSS SP-44.
- b) Flange of 150Lb and 300Lb with the raised face of 0.06(1.6mm) is included in the smallest flange thickness C.
- c) The lengin L of the double-end bolt don't include the terminal length.
- e) Flange gasket of the matching flange ASME B16.20

法兰尺寸
Flanged Dimensions



ANSI Class 600Lb/900Lb
0.25"(6.4mm) Raised Face Joint



ANSI Class 600Lb/900Lb
Male & Female

Class 600Lb

NPS		O		C		R		B		D		Bolt		L		LRTJ		LM	
in	mm	in	mm	in	mm	mm	in	in	mm	in	mm	QTY.	Diam	in	mm	in	mm	in	mm
2	50	6.50	165.1	1.00	25.4	3.62	91.9	5.00	127.0	0.75	19.1	8	5/8	4.25	108.0	4.25	108.0	4.00	101.6
2 1/2	65	7.50	190.5	1.12	28.4	4.12	104.6	5.88	149.4	0.88	22.4	8	3/4	4.75	120.7	4.75	120.7	4.50	114.3
3	80	8.25	209.6	1.25	31.8	5.00	127.0	6.62	168.1	0.88	22.4	8	3/4	5.00	127.0	5.00	127.0	4.75	120.7
4	100	10.75	273.1	1.50	38.1	6.19	157.2	8.50	215.9	1.00	25.4	8	7/8	5.75	146.1	5.75	146.1	5.50	139.7
5	125	13.00	330.2	1.75	44.5	7.31	185.7	10.50	266.7	1.12	28.4	8	1	6.50	165.1	6.50	165.1	6.25	158.8
6	150	14.00	355.6	1.88	47.8	8.50	215.9	11.50	292.1	1.12	28.4	12	1	6.75	171.5	6.75	171.5	6.50	165.1
8	200	16.50	419.1	2.19	55.6	10.62	269.7	13.75	349.3	1.25	31.8	12	1 1/8	7.50	190.5	7.50	190.5	7.25	184.2
10	250	20.00	508.0	2.50	63.5	12.75	323.9	17.00	431.8	1.38	35.1	16	1 1/4	8.50	215.9	8.50	215.9	8.25	209.6
12	300	22.00	558.8	2.62	66.5	15.00	381.0	19.25	489.0	1.38	35.1	20	1 1/4	8.75	222.3	8.75	222.3	8.50	215.9
14	350	23.75	603.3	2.75	69.9	16.25	412.8	20.75	527.1	1.50	38.1	20	1 3/8	9.25	235.0	9.25	235.0	9.00	228.6
16	400	27.00	685.8	3.00	76.2	18.50	469.9	23.75	603.3	1.62	41.1	20	1 1/8	10.00	254.0	10.00	254.0	9.75	247.7
18	450	29.25	743.0	3.25	82.6	21.00	533.4	25.75	654.1	1.75	44.5	20	1 5/8	10.75	273.1	10.75	273.1	10.50	266.7
20	500	32.00	812.8	3.50	88.9	23.00	584.2	28.50	723.9	1.75	44.5	24	1 5/8	11.25	285.8	11.50	292.1	11.00	279.4
24	600	37.00	939.8	4.00	101.6	27.25	692.2	33.00	838.2	2.00	50.8	24	1 7/8	13.00	330.2	13.25	336.6	12.75	323.9
26	650	40.00	1016.0	4.25	108.0	29.50	749.3	36.00	914.4	2.00	50.8	28	1 7/8	14.00	355.6	14.00	355.6	13.75	349.3
28	700	42.25	1073.2	4.38	111.3	31.50	800.1	38.00	965.2	2.12	53.8	28	2	14.50	368.3	14.50	368.3	14.25	362.0
30	750	44.50	1130.3	4.50	114.3	33.75	857.3	40.25	1022.4	2.12	53.8	28	2	15.00	381.0	14.75	374.7	14.75	374.7
32	800	47.00	1193.8	4.62	117.3	36.00	914.4	42.50	1079.5	2.38	60.5	28	2 1/4	15.00	393.7	15.75	400.1	15.25	387.4
34	850	49.00	1244.6	4.75	120.7	38.00	965.2	44.50	1130.3	2.38	60.5	28	2 1/4	16.25	412.8	16.25	412.8	16.00	406.4
36	900	51.75	1314.5	4.88	124.0	40.25	1022.4	47.00	1193.8	2.62	66.5	28	2 1/2	15.75	400.1	16.75	425.5	15.50	393.7

Class 900Lb

NPS		O		C		R		B		D		Bolt		L		LRTJ		LM	
in	mm	in	mm	in	mm	mm	in	in	mm	in	mm	QTY.	Diam	in	mm	in	mm	in	mm
2	50	8.50	215.9	1.50	38.1	3.62	91.9	6.50	165.1	1.00	25.4	8	7/8	5.75	146.1	5.75	146.1	5.50	139.7
2 1/2	65	9.62	244.3	1.62	41.1	4.12	104.6	7.50	190.5	1.12	28.4	8	1	6.25	158.8	6.25	158.8	6.00	152.4
3	80	9.50	241.3	1.50	38.1	5.00	127.0	7.50	190.5	1.00	25.4	8	7/8	5.75	146.1	5.75	146.1	5.50	139.7
4	100	11.50	292.1	1.75	44.5	6.19	157.2	9.25	235.0	1.25	31.8	8	1 1/8	6.75	171.5	6.75	171.5	6.50	165.1
5	125	13.75	349.3	2.00	50.8	7.31	185.7	11.00	279.4	1.38	35.1	8	1 1/4	7.50	190.5	7.50	190.5	7.25	184.2
6	150	15.00	381.0	2.19	55.6	8.50	215.9	12.50	317.5	1.25	31.8	12	1 1/8	7.50	190.5	7.75	196.9	7.25	184.2
8	200	18.50	469.9	2.50	63.5	10.62	269.7	15.50	393.7	1.50	38.1	12	1 3/8	8.75	222.3	8.75	222.3	8.50	215.9
10	250	21.50	546.1	2.75	69.9	12.75	323.9	18.50	469.9	1.50	38.1	16	1 3/8	9.25	235.0	9.25	235.0	9.00	228.6
12	300	24.00	609.6	3.12	79.2	15.00	381.0	21.00	533.4	1.50	38.1	20	1 3/8	10.00	254.0	10.00	254.0	9.75	247.7
14	350	25.25	641.4	3.38	85.9	16.25	412.8	22.00	558.8	1.62	41.1	20	1 1/2	10.75	273.1	11.00	279.4	10.50	266.7
16	400	27.75	704.9	3.50	88.9	18.50	469.9	24.25	616.0	1.75	44.5	20	1 5/8	11.25	285.8	11.50	292.1	11.00	279.4
18	450	31.00	787.4	4.00	101.6	21.00	533.4	27.00	685.8	2.00	50.8	20	1 7/8	12.75	323.9	13.25	336.6	12.50	317.5
20	500	33.75	857.3	4.25	108.0	23.00	584.2	29.50	749.3	2.12	53.8	20	2	13.75	349.3	14.25	362.0	13.50	342.9
24	600	41.00	1041.4	5.50	139.7	27.25	692.2	35.50	901.7	2.62	66.5	20	2 1/2	17.25	438.2	18.00	457.2	17.00	431.8

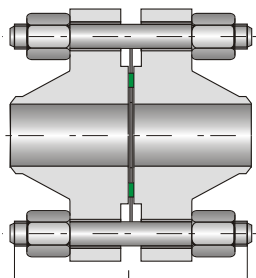
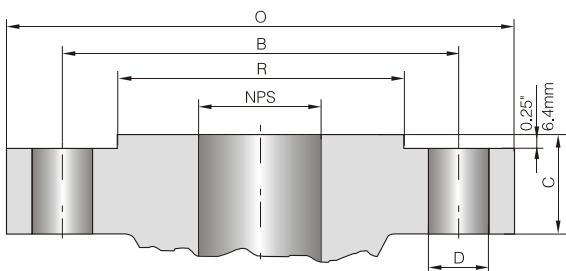
a) NPS 24" and smaller flanged ends by ANSI B16.5, NPS 26" and larger by MSS SP-44.

b) Flange of 600Lb and 900Lb with the raised face of 0.25(6.4mm) is included in the smallest flange thickness C.

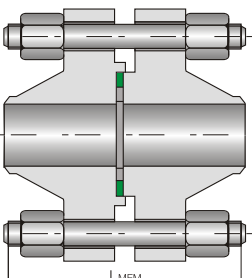
c) The lengin L of the double-end bolt don't include the terminal length.

e) Flange gasket of the matching flange ASME B16.20

法兰尺寸
Flanged Dimensions



ANSI Class 1500Lb/200Lb
0.25"(6.4mm) Raised Face Joint



ANSI Class 1500Lb/2500Lb
Male & Female

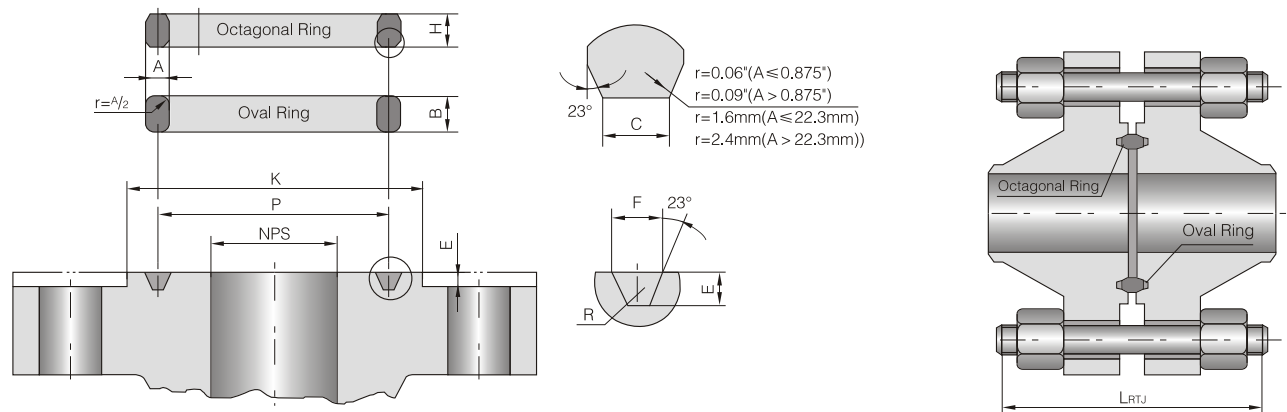
Class 1500Lb

NPS		O		C		R		B		D		Bolt		L		LRTJ		LM	
in	mm	in	mm	in	mm	mm	in	in	mm	in	mm	QTY.	Diam	in	mm	in	mm	in	mm
2	50	8.50	215.9	1.50	38.1	3.62	91.9	6.50	165.1	1.00	25.4	8	7/8	5.75	146.1	5.75	146.1	5.50	139.7
2 1/2	65	9.62	244.3	1.62	41.1	4.12	104.6	7.50	190.5	1.12	28.4	8	1	6.25	158.8	6.25	158.8	6.00	152.4
3	80	10.50	266.7	1.88	47.8	5.00	127.0	8.00	203.2	1.25	31.8	8	1 1/8	7.00	177.8	7.00	177.8	6.75	171.5
4	100	12.25	311.2	2.12	53.8	6.19	157.2	9.50	241.3	1.38	35.1	8	1 1/4	7.75	196.9	7.75	196.9	7.50	190.5
5	125	14.75	374.7	2.88	73.2	7.31	185.7	11.50	292.1	1.62	41.1	8	1 1/2	9.75	247.7	9.75	247.7	9.50	241.3
6	150	15.50	393.7	3.25	82.6	8.50	215.9	12.50	317.5	1.50	38.1	12	1 3/8	10.25	260.4	10.50	266.7	10.00	254.0
8	200	19.00	482.6	3.62	91.9	10.62	269.7	15.50	393.7	1.75	44.5	12	1 5/8	11.50	292.1	12.75	323.9	11.25	285.8
10	250	23.00	584.2	4.25	108.0	12.75	323.9	19.00	482.6	2.00	50.8	12	1 7/8	13.25	336.6	13.50	342.9	13.00	330.2
12	300	26.50	673.1	4.88	124.0	15.00	381.0	22.50	571.5	2.12	53.8	16	2	14.75	374.7	15.25	387.4	14.50	368.3
14	350	29.50	749.3	5.25	133.4	16.25	412.8	25.00	635.0	2.38	60.5	16	2 1/4	16.00	406.4	16.75	425.5	15.75	400.1
16	400	32.50	825.5	5.75	146.1	18.50	469.9	27.75	704.9	2.62	66.5	16	2 1/2	17.50	444.5	18.50	469.9	17.25	438.2
18	450	36.00	914.4	6.38	162.1	21.00	533.4	30.50	774.7	2.88	73.2	16	2 3/4	19.50	495.3	20.75	527.1	19.25	489.0
20	500	38.75	984.3	7.00	177.8	23.00	584.2	32.75	831.9	3.12	79.2	16	3	21.25	539.8	22.25	565.2	21.00	533.4
24	600	46.00	1168.4	8.00	203.2	27.25	692.2	39.00	990.6	3.62	91.9	16	3 1/2	24.25	616.0	25.50	647.7	24.00	609.6

Class 2500Lb

NPS		O		C		R		B		D		Bolt		L		LRTJ		LM	
in	mm	in	mm	in	mm	mm	in	in	mm	in	mm	QTY.	Diam	in	mm	in	mm	in	mm
2	50	9.25	235.0	2.00	50.8	3.62	91.9	6.75	171.5	1.12	28.4	8	1	7.00	177.8	7.00	177.8	6.75	171.5
2½	65	10.50	266.7	2.25	57.2	4.12	104.6	7.75	196.9	1.25	31.8	8	1⅝	7.75	196.9	8.00	203.2	7.50	190.5
3	80	12.00	304.8	2.62	66.5	5.00	127.0	9.00	228.6	1.38	35.1	8	1¼	8.75	222.3	9.00	228.6	8.50	215.9
4	100	14.00	355.6	3.00	76.2	6.19	157.2	10.75	273.1	1.62	41.1	8	1½	10.00	254.0	10.25	260.4	9.75	247.7
5	125	16.50	419.1	3.62	91.9	7.31	185.7	12.75	323.9	1.88	47.8	8	1¾	11.75	298.5	12.25	311.2	11.50	292.1
6	150	19.00	482.6	4.25	108.0	8.50	215.9	14.50	368.3	2.12	53.8	8	2	13.50	342.9	14.00	355.6	13.25	336.6
8	200	21.75	552.5	5.00	127.0	10.62	269.7	17.25	438.2	2.12	53.8	12	2	15.00	381.0	15.50	393.7	14.75	374.7
10	250	26.50	673.1	6.50	165.1	12.75	323.9	21.25	539.8	2.62	66.5	12	2½	19.25	489.0	20.00	508.0	19.00	482.6
12	300	30.00	762.0	7.25	184.2	15.00	381.0	24.38	619.3	2.88	73.2	12	2¾	21.25	539.8	22.00	558.8	21.00	533.4

法兰尺寸 Flanged Dimensions

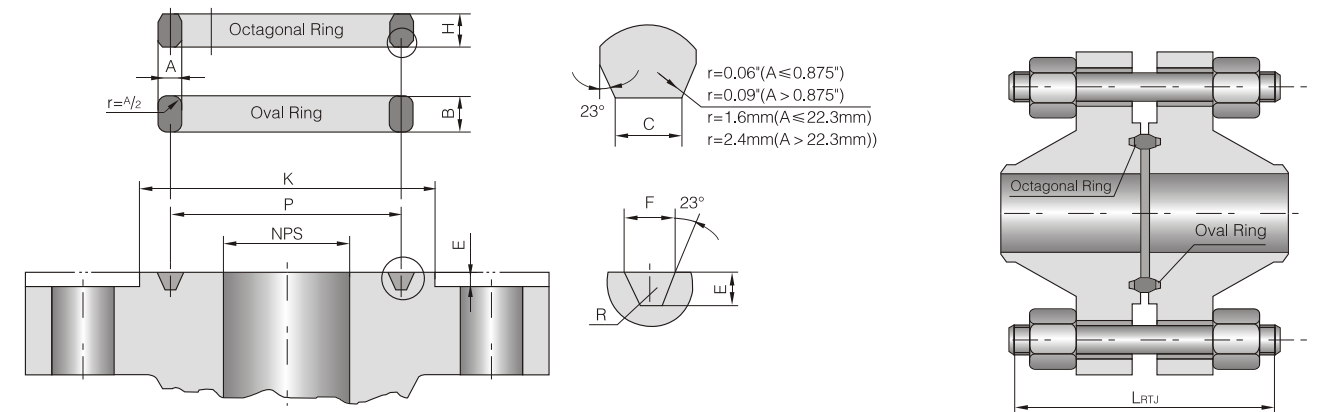


Ring-Joint Flanged Ends

1	2	4	5	6	7	8	9		10		11		12		13		14		15		16		17	
ANSI Class=Lb							Annular Groove								K									
150	300	600	900	1500	2500	No.	P		E		F		R		150Lb		300Lb/600Lb		900Lb		1500Lb		2500Lb	
NPS							in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
2						R22	3.250	82.55	0.250	6.35	0.344	8.74	0.03	0.76	4.00	101.60								
	2	2				R23	3.250	82.55	0.312	7.92	0.469	11.91	0.03	0.76			4.25	107.95					4.50	114.30
				2		R24	3.750	95.25	0.312	7.92	0.469	11.91	0.03	0.76						4.88	123.95			
					2	R26	4.000	101.60	0.312	7.92	0.469	11.91	0.03	0.76			5.00	127.00					5.25	133.35
2 1/2						R25	4.000	101.60	0.250	6.35	0.344	8.74	0.03	0.76	4.75	120.65								
	2 1/2	2 1/2				R26	4.000	101.60	0.312	7.92	0.469	11.91	0.03	0.76			5.00	127.00					5.25	133.35
				2 1/2		R27	4.250	107.95	0.312	7.92	0.469	11.91	0.03	0.76							5.38	136.65		
					2 1/2	R28	4.375	111.13	0.375	9.53	0.531	13.49	0.03	0.76									5.88	149.35
3						R29	4.500	114.30	0.250	6.35	0.344	8.74	0.03	0.76	5.25	133.35								
	3	3	3			R31	4.875	123.83	0.312	7.92	0.469	11.91	0.03	0.76			5.75	146.05	6.12	155.45				
					3	R32	5.000	127.00	0.375	9.53	0.531	13.49	0.06	1.52									6.62	168.15
4						R36	5.875	149.23	0.250	6.35	0.344	8.74	0.03	0.76	6.75	171.45								
	4	4	4			R37	5.875	149.23	0.312	7.92	0.469	11.91	0.03	0.76			6.88	174.75	7.12	180.85				
					4	R38	6.188	157.18	0.438	11.13	0.656	16.66	0.06	1.52									8.00	203.20
				4		R39	6.375	161.93	0.312	7.92	0.469	11.91	0.03	0.76							7.62	193.55		
5						R40	6.750	171.45	0.250	6.35	0.344	8.74	0.03	0.76	7.62	193.55								
	5	5	5			R41	7.125	180.98	0.312	7.92	0.469	11.91	0.03	0.76			8.25	209.55	8.50	215.90				
					5	R42	7.500	190.50	0.500	12.70	0.781	19.84	0.06	1.52									9.50	241.30
				5		R44	7.625	193.68	0.312	7.92	0.469	11.91	0.03	0.76							9.00	228.60		
6						R43	7.625	193.68	0.250	6.35	0.344	8.74	0.03	0.76	8.62	218.95								
	6	6	6			R45	8.312	211.12	0.312	7.92	0.469	11.91	0.03	0.76			9.50	241.30	9.50	241.30				
				6		R46	8.312	211.12	0.375	9.53	0.531	13.49	0.06	1.52							9.75	247.65		
					6	R47	9.000	228.60	0.500	12.70	0.781	19.84	0.06	1.52									11.00	279.40
8						R48	9.750	247.65	0.250	6.35	0.344	8.74	0.03	0.76	10.75	273.05								
	8	8	8			R49	10.625	269.88	0.312	7.92	0.469	11.91	0.03	0.76			11.88	301.75	12.12	307.85				
				8		R50	10.625	269.88	0.438	11.13	0.656	16.66	0.06	1.52							12.50			
					8	R51	11.000	279.40	0.562	14.27	0.906	23.01	0.06	1.52									13.38	339.80

- a) Please to see FLANGE ENDS for other connection dimension.
b) Flange metal ring gasket of the matching flange ASME B16.20.
c) For the specification of NPS 2 ~ 2 1/2" of 900Lb will adopt the dimension of 1500Lb.
e) The length LRTJ of the double-end bolt don't include the terminal length.

法兰尺寸 Flanged Dimensions

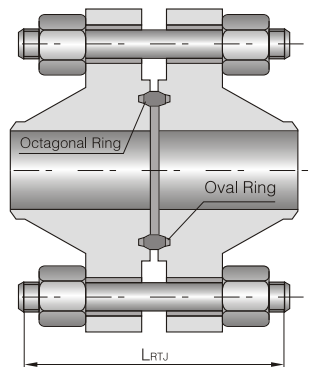
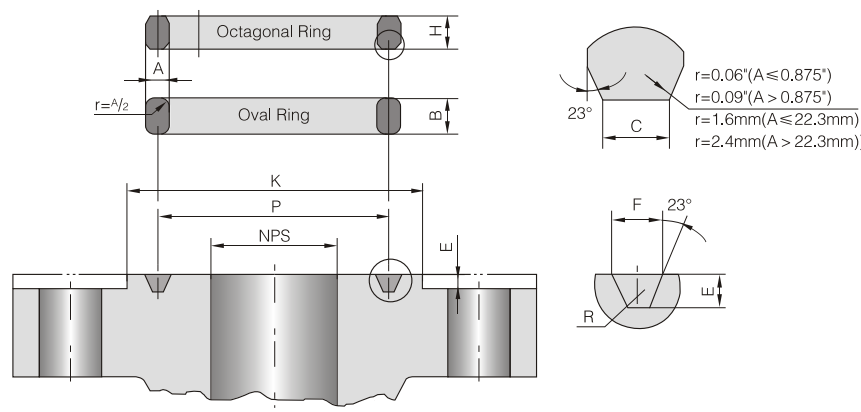


Ring-Joint Flanged Ends

1	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17									
ANSI Class=Lb							Annular Groove							K										
150	300	600	900	1500	2500	No.	P		E		F		R		150Lb		300Lb/600Lb		900Lb		1500Lb		2500Lb	
NPS							in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
10						R52	12.000	304.80	0.250	6.35	0.344	8.74	0.03	0.76	13.00	330.20								
	10	10	10			R53	12.750	323.85	0.312	7.92	0.469	11.91	0.03	0.76			14.00	355.60	14.25	361.95				
				10		R54	12.750	323.85	0.438	11.13	0.656	16.66	0.06	1.52							4.62	371.35		
					10	R55	13.500	342.90	0.688	17.48	1.188	30.18	0.09	2.29									16.75	425.45
12						R56	15.000	381.00	0.250	6.35	0.344	8.74	0.03	0.76	16.00	406.40								
	12	12	12			R57	15.000	381.00	0.312	7.92	0.469	11.91	0.03	0.76			16.25	412.75	16.50	419.10				
				12		R58	15.000	381.00	0.562	14.27	0.906	23.01	0.06	1.52							17.25	438.15		
					12	R60	16.000	406.40	0.688	17.48	1.312	33.32	0.09	2.29									19.50	495.30
14						R59	15.625	396.88	0.250	6.35	0.344	8.74	0.03	0.76	16.75	425.45								
	14	14				R61	16.500	419.10	0.312	7.92	0.469	11.91	0.03	0.76			18.00	457.20						
			14			R62	16.500	419.10	0.438	11.13	0.656	16.66	0.06	1.52					18.38	466.85				
				14		R63	16.500	419.10	0.625	15.88	1.062	26.97	0.09	2.29							19.25	488.95		
16						R64	17.875	454.03	0.250	6.35	0.344	8.74	0.03	0.76	19.00	482.60								
	16	16				R65	18.500	469.90	0.312	7.92	0.469	11.91	0.03	0.76			20.00	508.00						
			16			R66	18.500	469.90	0.438	11.13	0.656	16.66	0.06	1.52					20.62	523.75				
				16		R67	18.500	469.90	0.688	17.48	1.188	30.18	0.09	2.29							21.50	546.10		
18						R68	20.375	517.53	0.250	6.35	0.344	8.74	0.03	0.76	21.50	546.10								
	18	18				R69	21.000	533.40	0.312	7.92	0.469	11.91	0.03	0.76			22.62	574.55						
			18			R70	21.000	533.40	0.500	12.70	0.781	19.84	0.06	1.52					23.38	593.85				
				18		R71	21.000	533.40	0.688	17.48	1.188	30.18	0.09	2.29							24.12	612.65		
20						R72	22.000	558.80	0.250	6.35	0.344	8.74	0.03	0.76	23.50	596.90								
	20	20				R73	23.000	584.20	0.375	9.53	0.531	13.49	0.06	1.52			25.00	635.00						
			20			R74	23.000	584.20	0.500	12.70	0.781	19.84	0.06	1.52					25.50	647.70				
				20		R75	23.000	584.20	0.688	17.48	1.312	33.32	0.09	2.29							26.50	673.10		
24						R76	26.500	673.10	0.250	6.35	0.344	8.74	0.03	0.76	28.00	711.20								
	24	24				R77	27.250	692.15	0.438	11.13	0.656	16.66	0.06	1.52			29.50	749.30						
			24			R78	27.250	692.15	0.625	15.88	1.062	26.97	0.09	2.29					30.38	771.65				
				24		R79	27.250	692.15	0.812	20.62	1.438	36.53	0.09	2.29							31.25	793.75		

- a) Please to see FLANGE ENDS for other connection dimension.
b) Flange metal ring gasket of the matching flange ASME B16.20.
c) For the specification of NPS 2 ~ 2 1/2" of 900Lb will adopt the dimension of 1500Lb.
e) The length LRTJ of the double-end bolt don't include the terminal length.

法兰尺寸 Flanged Dimensions

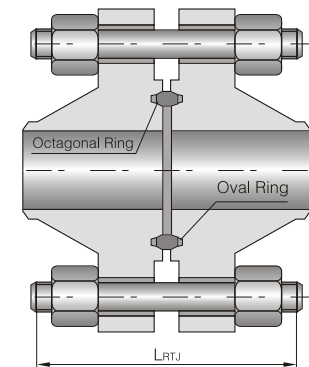
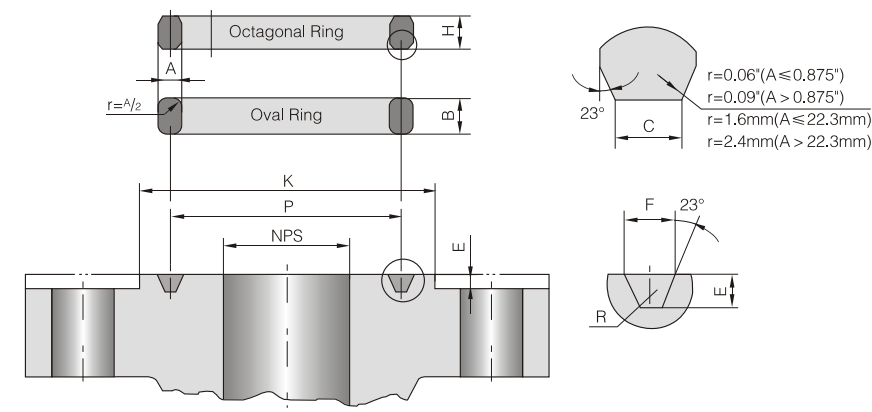


Ring-Joint Flanged Ends

1	2	4	5	6	7	8	25	26	27	28	29	30	31	32	33	33										
ANSI Class-Lb							Annular Groove						LRTJ													
150	300	600	900	1500	2500	No.	A		B		H		C		150Lb		300Lb		600Lb		900Lb		1500Lb		2500Lb	
NPS							in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
2						R22	0.313	7.95	0.56	14.22	0.50	12.70	0.206	5.23	3.75	95.25										
	2	2				R23	0.438	11.13	0.69	17.53	0.63	16.00	0.305	7.75			4.00	101.60	4.25	107.95						
				2		R24	0.438	11.13	0.69	17.53	0.63	16.00	0.305	7.75									5.75	14.05		
					2	R26	0.438	11.13	0.69	17.53	0.63	16.00	0.305	7.75										7.00	177.80	
2½						R25	0.313	7.95	0.56	14.22	0.50	12.70	0.206	5.23	4.00	101.60										
	2½	2½				R26	0.438	11.13	0.69	17.53	0.63	16.00	0.305	7.75			4.50	114.30	4.75	120.65					7.00	177.80
				2½		R27	0.438	11.13	0.69	17.53	0.63	16.00	0.305	7.75									6.25	158.75		
					2½	R28	0.500	12.70	0.56	14.22	0.69	17.53	0.341	8.66											8.00	203.20
3						R29	0.313	7.95	0.69	17.53	0.50	12.70	0.206	5.23	4.00	101.60										
	3	3	3			R31	0.438	11.13	0.69	17.53	0.63	16.00	0.305	7.75			4.75	120.65	5.00	127.00	5.75	146.05				
				3		R32	0.500	12.70	0.75	19.05	0.69	17.53	0.341	8.66										9.00	228.60	
					3	R35	0.438	11.13	0.69	17.53	0.63	16.00	0.305	7.75									7.00	177.80		
4						R36	0.313	7.95	0.56	14.22	0.50	12.70	0.206	5.23	4.00	101.60										
	4	4	4			R37	0.438	11.13	0.69	17.53	0.63	16.00	0.305	7.75			5.00	127.00	5.75	146.05	6.75	171.45				
				4		R38	0.625	15.88	0.88	22.35	0.81	20.57	0.413	10.49										10.25	260.35	
					4	R39	0.438	11.13	0.69	17.53	0.63	16.00	0.305	7.75									7.75	196.85		
5						R40	0.313	7.95	0.56	14.22	0.50	12.70	0.206	5.23	4.25	107.95										
	5	5	5			R41	0.438	11.13	0.69	17.53	0.63	16.00	0.305	7.75			5.25	133.35	6.50	165.10	7.50	190.50				
				5		R42	0.750	19.05	1.00	25.40	0.94	23.88	0.485	12.32										12.25	311.15	
					5	R44	0.438	11.13	0.69	17.53	0.63	16.00	0.305	7.75									9.75	247.65		
6						R43	0.313	7.95	0.56	14.22	0.50	12.70	0.206	5.23	4.50	114.30										
	6	6	6			R45	0.438	11.13	0.69	17.53	0.63	16.00	0.305	7.75			5.50	139.70	6.75	171.45	7.75	196.85				
				6		R46	0.500	12.70	0.75	19.05	0.69	17.53	0.341	8.66									10.50	266.70		
					6	R47	0.750	19.05	1.00	25.40	0.94	23.88	0.485	12.32										14.00	355.60	
8						R48	0.313	7.95	0.56	14.22	0.50	12.70	0.206	5.23	4.75	120.65										
	8	8	8			R49	0.438	11.13	0.69	17.53	0.63	16.00	0.305	7.75			6.00	152.40	7.75	196.85	8.75	222.25				
				8		R50	0.625	15.88	0.88	22.35	0.81	20.57	0.413	10.49									12.75	323.85		
					8	R51	0.875	22.23	1.13	28.70	1.06	26.92	0.583	14.81											15.50	393.70

- a) Please to see FLANGE ENDS for other connection dimension.
b) Flange metal ring gasket of the matching flange ASME B16.20.
c) For the specification of NPS 2 ~ 2 1/2" of 900Lb will adopt the dimension of 1500Lb.
e) The length LRTJ of the double-end bolt don't include the terminal length.

法兰尺寸 Flanged Dimensions



Ring-Joint Flanged Ends

1	2	4	5	6	7	8	25	26	27	28	29	30	31	32	33	33										
ANSI Class=Lb							Annular Groove								LRJ											
150	300	600	900	1500	2500	No.	A		B		H		C		150Lb		300Lb		600Lb		900Lb		1500Lb		2500Lb	
NPS							in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.
10						R52	0.313	7.95	0.56	14.22	0.50	12.70	0.206	5.23	5.00	127.00										
	10	10	10			R53	0.438	11.13	0.63	16.00	0.305	7.75					6.75	171.45	8.50	215.90	9.25	234.95				
				10		R54	0.625	15.88	0.81	20.57	0.413	10.49											13.50			
					10	R55	1.125	28.58	1.38	35.05	0.780	19.81													20.00	508.00
12						R56	0.313	7.95	0.50	12.70	0.206	5.23	5.25	133.35												
	12	12	12			R57	0.438	11.13	0.63	16.00	0.305	7.75					7.25	184.15	8.75	222.25	10.00	254.00				
				12		R58	0.875	22.23	1.06	26.92	0.583	14.81											15.25	387.35		
					12	R60	1.250	31.75	1.50	38.10	0.879	22.33													22.00	558.80
14						R59	0.313	7.95	0.50	12.70	0.206	5.23	5.75	146.05												
	14	14				R61	0.438	11.13	0.63	16.00	0.305	7.75					7.50	190.50	9.25	234.95						
			14			R62	0.625	15.88	0.81	20.57	0.413	10.49									11.00	279.40				
				14		R63	1.000	25.40	1.25	31.75	0.681	17.30											16.75	425.45		
16						R64	0.313	7.95	0.50	12.70	0.205	5.21	5.75	146.05												
	16	16				R65	0.438	11.13	0.63	16.00	0.305	7.75					8.00	203.20	10.00	254.00						
			16			R66	0.625	15.88	0.81	20.57	0.413	10.49									11.50	292.10				
				16		R67	1.125	28.58	1.38	35.05	0.780	19.81											18.50	469.90		
18						R68	0.313	7.95	0.50	12.70	0.2506	5.23	6.25	158.75												
	18	18				R69	0.438	11.13	0.63	16.00	0.305	7.75					8.25	209.55	10.75	273.05						
			18			R70	0.750	19.05	0.94	23.88	0.485	12.32									13.25	336.55				
				18		R71	1.125	28.58	1.38	35.05	0.780	19.81											20.75	527.05		
20						R72	0.313	7.95	0.50	12.70	0.203	5.23	6.75	171.45												
	20	20				R73	0.500	12.70	0.69	17.53	0.341	8.66					8.75	222.25	11.50	292.10						
			20			R74	0.750	19.05	0.94	23.88	0.485	12.32									14.25	361.95				
				20		R75	1.250	31.75	1.50	38.10	0.879	22.33											22.25	565.15		
24						R76	0.313	7.95	0.50	12.70	0.206	5.23	7.25	184.15												
	24	24				R77	0.625	15.88	0.81	20.57	0.413	10.49					10.00	254.00	13.25	336.55						
			24			R78	1.000	25.40	1.25	31.75	0.681	17.30									18.00	457.20				
				24		R79	1.375	34.93	1.63	41.40	0.977	24.82											25.50	647.70		