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杭州凯维阀门集团有限公司

控制阀选型样本



凯维阀门集团
KAIWEI VALVE GROUP

阀门选型样本
VALVE SELECTION SAMPLE

杭州凯维阀门集团有限公司
HANGZHOU KAIWEI VALVE GROUP CO., LTD.

COMPANY PROFILE

公司简介

杭州凯维阀门集团有限公司位于德清县雷甸镇，是一家集自动化控制阀门设计研发、生产制造及销售服务于一体的高科技企业，公司具备雄厚的研发实力和丰富的行业经验，在满足客户需求的同时，致力于为客户提供最佳的流体控制解决方案。

公司2017年设立杭州凯维阀门技术研究院，拥有一支深谙自动化控制阀门尖端技术的精英队伍和高素质的经营管理服务团队。公司整合美国费希尔、梅索尼兰、英国IMI、日本工装、浙江瓴达机器人等公司领先技术资源，并与位于美国硅谷的瓴达（北美）机器人研发中心强强联合，进一步提升了公司智能控制系统研发与应用水平公司产品开发。公司产品开发过程采用CAD、CAE、CAM进行设计、分析、加工，并通过高温、低温实验室、流量试验中心进行试验验证，以国内外先进科研设施为载体，专业研发自动化控制阀门。

公司采用国内外先进的自动化制造和检测设备，目前有定梁龙门加工中心、卧式加工中心、立式加工中心、数控机床、自动内外圆磨数控车床、内外圆磨床、大型精密立车、自动化涂装流水线等150多台设备，均采用最新技术，处于行业领先水平。公司拥有完备的性能测试手段，可实施从毛坯生产到成品出库的全过程质量管控。具有阀门流量特性测试，阀门定位器可靠性测试，位移传感器精度测试，先导阀气密性测试等一系列完整的测试设备。主要生产产品为高温高压调节阀、低温调节阀、严酷工况调节阀、自力式压力调节阀、电-气动闸阀、截止阀、球阀、蝶阀、平行板阀等，可执行GB、ANSI、JIS、DIN、BS、API等标准，满足客户的不同需求。产品广泛应用于石油、化工、化纤、冶金、电力、空分等工业系统各领域，覆盖全国各地，并远销海外。公司产品以最优质量和最佳服务获得用户一致好评。

创新是企业的灵魂，是企业持续发展的保证。公司创始人兼董事长卓金德先生拥有30多年自动化控制阀门从业经验，在行业内积累了可靠的用户口碑，率领研发团队为客户研究提供一站式的流体控制解决方案。在完善现有产品基础上，公司充分结合客户需求，不断研发满足市场需求的新产品，赢得了广泛赞誉，并两次参加国家级阀门的联合设计及国家阀门标准的制定工作。

公司拥有雄厚的资本实力，现同时控股四家企业：浙江凯维智能自控系统有限公司、浙江瓴达机器人制造有限公司、海南育麒实业投资有限公司、厦门育麒投资合伙企业(有限合伙)。

公司遵循“以质量求生存、以服务争一流、以诚信创名牌、以科技谋发展”的经营理念，积极投身市场，不断开拓创新、砥砺前行，使公司产品朝着专业化、系列化、精品化方向发展，矢志成为严苛工况下阀门技术服务与制造集成提供商，为工业强国贡献凯维智能力量！



PRODUCTION WORKSHOP

生产车间

“工欲善其事、必先利其器”，凯维人深谙此道，只有好的管理、好的理念、好的人才还是不够的，还要有精良的设备才代表企业拥有强大的生产能力，并确保产品的卓越品质。





QUALITY ASSURANCE

质量管理

品质体现我们的尊严，出类拔萃的品质拒绝平庸。一丝不苟、千锤百炼、标准化的管理体系和系统化的品质保证体系，让凯维产品在世界的每个角落都畅通无阻，凯维通过与客户卓有成效的努力，正促使凯维成为世界上无可挑剔的品牌。



锻钢阀门系列 Forged Steel Valve Series

001	锻钢阀门系列 Forged Steel Valve Series
002-003	典型锻钢阀门 Typical Forged Valve
004	CL150~800 PN1.6~14.0MPa承插焊(内螺纹)闸阀 S.W (NPT) Gate Valve
005	CL900~1500 PN16.0~25.0MPa承插焊(内螺纹)闸阀 S.W (NPT) Gate Valve
006	CL900~1500 PN16.0~25.0MPa自密封闸阀 P.S Gate Valve
007	CL900~1500 PN16.0~25.0MPa对接焊闸阀 Butt Welding Gate Valve
008	CI2500 PN42.0MPa自密封闸阀 P.S Gate Valve
009	CL150~600 法兰闸阀 Flange Gate Valve
010	CL150~800 PN1.6~14.0MPa承插焊(内螺纹)截止阀 S.W (NPT) Globe Valve
011	CL900~1500 PN16.0~25.0MPa承插焊(内螺纹)截止阀 S.W (NPT) Globe Valve
012	CL900~1500 PN16.0~25.0MPa自密封截止阀 P.S Globe Valve
013	CL900~1500 PN16.0~25.0MPa对焊截止阀 Butt Welding Globe Valve
014	CI2500 PN42.0MPa自密封截止阀 P.S Globe Valve
015	L150~600 法兰截止阀 Flange Globe Valve
016	CL150~800 PN1.6~14.0MPa承插焊(内螺纹)止回阀 S.W (NPT) Check Valve
017	CL900~1500 PN16.0~25.0MPa承插焊(内螺纹)止回阀 S.W (NPT) Check Valve
018	CI800 PN 14.0MPa承插焊(内螺纹)旋启止回阀 S.W (NPT) Wing Check Valve
019	CL150~600 法兰止回阀 Flange Check Valve
020	CL900~1500 PN16.0~25.0MPa承插焊(内螺纹)Y型止回阀 S.W (NPT) Y Type Check Valve
021	CL150~800 PN1.6~14.0MPa承插焊(内螺纹)Y型过滤器 S.W (NPT) Y - Strainer
022	CL800~1500 PN14.0~25.0MPa承插焊(内螺纹)Y型截止阀 S.W(NPT) Y Type Globe Valve
023	CL150~800 PN1.6~14.0MPa承插焊(内螺纹)低温闸阀 S.W (NPT) Cryogenic Gate Valve
024	CL150~800 PN1.6~14.0MPa承插焊(内螺纹)低温截止阀 S.W (NPT) Cryogenic Globe Valve
025	L150~800 PN1.6~14.0MPa承插焊(内螺纹)截止止回阀 S.W (NPT) Globe Check Valve
026	CL150~600 放空导淋阀 Short Lead Leaching Valve
027	CI800 放空导淋阀 Short Lead Leaching Valve
028	CL150~800 承插焊波纹管阀门 S.W Bellows Valve
029	CL150~800 内螺纹球阀 NPT Ball Valve
030	CI1500 内螺纹球阀 NPT Ball Valve

铸钢阀门系列 Cast Steel Valve Series

031	铸钢阀门系列 Cast Steel Valve Series
032	Class 150Lb 铸钢闸阀 Cast Steel Gate Valve
033	Class 300Lb 铸钢闸阀 Cast Steel Gate Valve
034	Class 600Lb 铸钢闸阀 Cast Steel Gate Valve
035	Class 900Lb 铸钢闸阀 Cast Steel Gate Valve
036	Class 1500Lb 铸钢闸阀 Cast Steel Gate Valve
037	Class 1500Lb 压力自密封铸钢闸阀 Cast steel gate valve (pressure seal)
038	Class 2500Lb 压力自密封铸钢闸阀 Cast steel gate valve (pressure seal)
039	Class 150Lb 铸钢截止阀 Cast Steel Globe Valve
040	Class 300Lb 铸钢截止阀 Cast Steel Globe Valve
041	Class 600Lb 铸钢截止阀 Cast Steel Globe Valve
042	Class 900Lb 铸钢截止阀 Cast Steel Globe Valve
043	Class 1500Lb 铸钢截止阀 Cast Steel Globe Valve
044	Class 900Lb 铸钢截止阀(压力自密封) Cast Steel Globe Valve (pressure seal)
045	Class 1500Lb 铸钢截止阀(压力自密封) Cast Steel Globe Valve (pressure seal)
046	Class 150Lb 铸钢止回阀 Cast Steel Check Valve
047	Class 300Lb 铸钢止回阀 Cast Steel Check Valve
048	Class 600Lb 铸钢止回阀 Cast Steel Check Valve
049	Class 900Lb 铸钢止回阀 Cast Steel Check Valve
050	Class 1500Lb 铸钢止回阀 Cast Steel Check Valve
051	Class 900Lb 铸钢旋启式止回阀(压力密封) Cast Steel Swing Check Valve(Pressure seal)
052	Class 1500Lb 铸钢旋启式止回阀(压力密封) Cast Steel Swing Check Valve(Pressure seal)

球阀系列 Ball Valve Series

053	球阀系列 Ball Valve Series
054	浮动球阀结构与特点 Floating Ball Valve Features
055	铸钢浮动球阀材质 Cast Floating Ball Valve
056-057	铸钢美标浮动球阀 Cast Full-welded Underground Ball Valves
058-059	固定球阀结构与特点 Constructions & Features Of Fixed Ball Valve
060	固定球阀结构与特点 Constructions & Features Of Fixed Ball Valve
061-062	固定球阀材质 Trunnion-mounted Ball Valve Material
063	国标铸钢固定球阀 Forged Dteel Trunnion-mounted Ball Valve
064-065	锻钢固定式球阀材质 Forged Steel Ball Valve
066-067	国标锻钢固定球阀 GB Forged Steel Ball Valve
068	三通四密封球阀材质 Three Way Type Ball Valve Material
069	三通四密封球阀 Three Way Type Ball Valve
070	四通四密封球阀材质 Materials Of Four-way Four-seal Ball Valve
071	四通四密封球阀 Four-way Four-seal Ball Valve
072-074	低温球阀 Low Temperature Ball Valve
075-077	锻钢全焊接固定球阀 Full-welded Underground Ball Valves
078-083	上装式球阀 Top Entry Ball Valve

蝶阀系列 Ball Valve Series

084	蝶阀系列 Butterfly Valve Series
085	硬密封蝶阀 Metal-seal Butterfly Valve
086-087	对夹式硬密封蝶阀 Wafer Metal Butterfly Valve
088-089	法兰硬密封蝶阀 Flanged Metal-seal Butterfly Valve
090-091	多层次硬密封蝶阀 Laminated Metal-seal Butterfly Valve
092	软密封蝶阀 Soft-seal Butterfly Valve
093	氟密封蝶阀 Teflon-seal Butterfly Valve
094	信号蝶阀 Signal Butterfly Valve
095	美式蝶阀 AWWA Butterfly Valve
096	伸缩蝶阀 Expansion Butterfly Valve
097	A型对夹式蝶阀 A-type Butterfly Valve
098	法兰式通风型蝶阀 France Aeration Butterfly Valve
099-101	国标氟衬里蝶阀(对夹) Teflon-lining Butterfly Valve(Wafer)
102-104	国标氟衬里蝶阀(法兰) Teflon-lining Butterfly Valve(Flange)

刀形闸阀系列 Knife Gate Valve Series

105	刀形闸阀系列 Knife Gate Valve Series
106-107	一体式手动浆液阀 Manual Type Slurry Valve
108	伞齿轮浆液阀 Bevel Gear Type slurry valve
109	电动浆液阀 Electric type slurry valve
110	手动刀型闸阀 Manual knife gate valve
111	气动刀形闸阀 Pneumatic knife gate valve
112	链轮刀形闸阀 Sprocket Knife gate valve
113	伞齿轮刀形闸阀 Bevel Gear Knife gate valve
114	电动刀形闸阀 Electric Knife gate valve
115-116	插板阀 Series Plate Valve
117	手动暗杆式刀形闸阀 Manual Nonrising Knife Gate Valve

旋塞阀系列 Plug Valve Series

118	旋塞阀系列 Plug Valve Series
119-120	美标卡套软密封旋塞阀 Sleeve Type Soft Sealing Plug Valve acc. to ANSI
121-122	美标压力平衡式倒装油密封旋塞阀 Inverted Pressurebalance Lubricated Plug Valve acc. to ANSI
123-124	轨道旋塞阀(将军阀) Orbit plug valve (general valve)
125-126	偏心旋塞阀 Eccentricity plug valve法
127-128	兰连接美标提升式硬密封旋塞阀 Flange-connection lifting plug valve acc. to ANSI



Forged Steel Valve Series

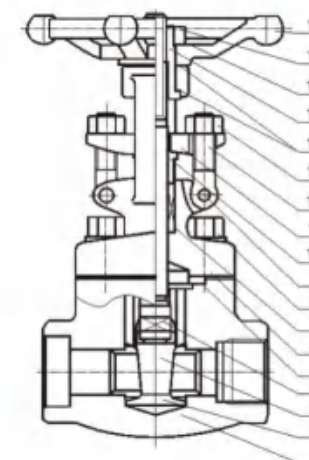
锻钢阀门系列



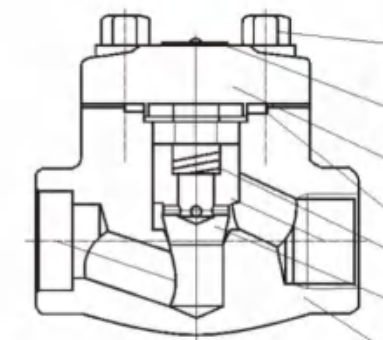
追求更完美的质量!
Seeking for more perfect quality!

合理的结构, 完美的设计, 对于品质的追求我们总是比别人做的更好!
Reasonable structure and perfect design. We are always better than others in the pursuit toward quality.

典型锻钢阀门 Typical Forged Valve



闸阀 Gate valve



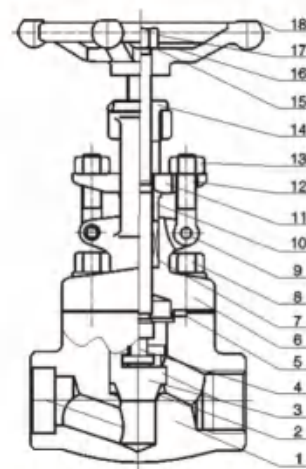
升降式止回阀 Piston check valve

序号 NO.	零件名称 Part name	数量 Qty.	ASTM 规范 Specifications								
			A105	A350	A182						
				LF2	F5	F11	F22	F304	F304L	F316	F316L
1	阀体 Body	1	A105	LF2	F5	F11	F22	F304	F304L	F316	F316L
2	阀座 Seat	2	A276-420+STL					304+STL	304L+STL	316+STL	316L+STL
3	闸板 Wedge	1	A276-420					304+STL	304L+STL	316+STL	316L+STL
4	阀杆 Stem	1	A276-410					A276-304	A276-304L	A276-316	A276-316L
5	垫片 Gasket	1	304+柔性石墨 Graphite					316+柔性石墨 Graphite			
6	阀盖 Bonnet	1	A105	LF2	F5	F11	F22	F304	F304L	F316	F316L
7	填料 Packing	1set	石墨 Graphite					PTFE			
8	中部螺栓 Bolt	4	A193-B7	A320-L7	A193-B16			A193-B8 A193-B8M			
9	无头销钉 Pin	2	A276-410					A276-304			
10	压盖 Gland	1	A276-410					A276-304		A276-316	
11	压板 Gland flange	1	A105					F304			
12	活节螺栓 Bolt	2	A193-B7	A320-L7	A193-B16			A193-B8 A193-B8M			
13	螺母 Nut	2	A194-2H	A194-4			A194-8				
14	垫片 Gasket	2	A276-410								
15	阀杆升降螺母 Nut	1	A108-1045					A276-410			
16	名牌 Name plate	1						铝 aluminum			
17	螺母 Nut	1						A108-1020			
18	手轮 Handwheel	1						A47			

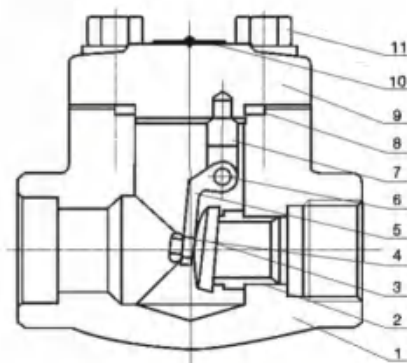
序号 NO.	零件名称 Part name	数量 Qty.	ASTM 规范 Specifications								
			A105	A350	A182						
				LF2	F5	F11	F22	F304	F304L	F316	F316L
1	阀体 Body	1	A105	LF2	F5	F11	F22	F304	F304L	F316	F316L
2	阀瓣 Disc	1	A276-420					304+STL	304L+STL	316+STL	316L+STL
3	弹簧 Spring	1	316					316+石墨 Graphite			
4	垫片 Gasket	1	304+石墨 Graphite					316+石墨 Graphite			
5	阀盖 Bonnet	1	A105	LF2	F5	F11	F22	F304	F304L	F316	F316L
6	名牌 Name plate	1	铝 aluminum								
7	螺栓 Bolt	4	A193-B7	A320-L7	A193-B16			A193-B8		A193-B8M	

说明Note: STL为stellite硬质合金; 也可按客户要求生产。STL is stellite, can also manufacture as per customer's requirement.

典型锻钢阀门 Typical Forged Valve



截止阀 Globe valve



旋启止回阀 Swing check valve

序号 NO.	零件名称 Part name	数量 Qty.	选材组合Select material									
			A105	A350	A182							
				LF2	F5	F11	F22	F304	F304L	F316	F316L	
1	阀体 Body	1	A105	LF2	F5	F11	F22	F304	F304L	F316	F316L	
2	阀座 Seat	1	13Cr						304			
3	阀瓣 Disc	1	A276-420						304+STL	304L+STL	316+STL	316L+STL
4	阀杆 Stem	1	A276-410						A276-304	A276-304L	A276-316	A276-316L
5	垫片 Gasket	1	304+柔性石墨 Graphite						316+柔性石墨 Graphite			
6	阀盖 Bonnet	1	A105	LF2	F5	F11	F22	F304	F304L	F316	F316L	
7	填料 Packing	1	石墨 Graphite						PTFE			
8	螺栓 Bolt	4	A193-B7	A320-L7	A193-B16			A193-B8		A193-B8M		
9	无头销钉 Pin	2	A276-410						A276-304			
10	压盖 Gland	1	A276-410						A276-304		A276-316	
11	压板 Gland flange	1	A105						F304			
12	活节螺栓 Bolt	2	A193-B7	A320-L7	A193-B16			A193-B8		A193-B8M		
13	螺母 Nut	2	A194-2H						A194-8			
14	阀杆升降螺母 Nut	1	A108-1045						A276-410			
15	垫片 Gasket	1							A108-1020			
16	名牌 Name plate	1							铝 aluminum			
17	螺母 Nut	1							A194-2H			
18	手轮 Handwheel	1							A47			

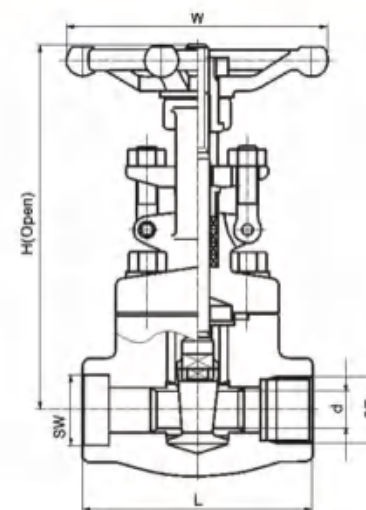
序号 NO.	零件名称 Part name	数量 Qty.	选材组合Select material									
			A105	A350	A182							
				LF2	F5	F11	F22	F304	F304L	F316	F316L	
1	阀体 Body	1	A105	LF2	F5	F11	F22	F304	F304L	F316	F316L	
2	阀座 Seat	1	A276-420+STL					304	304L	316	316L	
3	阀瓣 Disc	1	A276-420					304	304L	316	316L	
4	螺母 Nut	1	A194-8									
5	摇臂 rocker	1	A351-CF8M									
6	销钉 Pin	1	A276-304									
7	摇臂定位销	1	A276-420					A276-304		A276-316		
8	垫片 Gasket	1	304+柔性石墨 Graphite					316+柔性石墨 Graphite				
9	阀盖 Bonnet	1	A105	LF2	F5	F11	F22	F304	F304L	F316	F316L	
10	名牌 Name plate	1	铝 aluminum									
11	螺栓 Bolt	4	A193-B7	A320-L7	A193-B16			A193-B8		A193-B8M		

说明Note: STL为stellite硬质合金; 也可按客户要求生产。STL is stellite, can also manufacture as per customer's requirement.

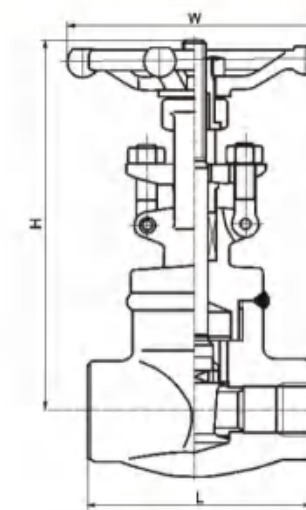
承插焊(内螺纹)闸阀 S.W (NPT) Gate Valve



CL150-800 PN1.6-14.0MPa



Z31H-800LB-F1"



HZ31Y-800LB-11/2"

特征和应用规范/Features and applications

- ◎ 全径或缩径
- ◎ 结构: B.B或W.B; OS&Y
- ◎ 垫片: 不锈钢+柔性石墨
- ◎ 承插焊或螺纹连接
- ◎ 密封副材质: 按“客户须知”和使用环境而定
- ◎ 设计和制造: API 602 & ANSI B16.34
- ◎ 承插端: ANSI B16.11 或 JB/T 175-95
- ◎ 螺纹端: ANSI B1.20.1或GB7306-87
- ◎ 阀门试验和检验: API 598
- ◎ 主体材料: A105、LF2、F5、F11、F22、F304、F304L、F316、F316L
- ◎ Reduced or full port
- ◎ Construction: B.B & W.B; OS&Y
- ◎ Gasket: Stainless steel+graphite
- ◎ Socket welding & threaded ends
- ◎ Material for hard trim is depend on client notice & operating condition
- ◎ Design & manufacture: API 602 & ANSI B16.34
- ◎ Socket welding dimension: ANSI B16.11 & JB/T 175-95
- ◎ Screw end dimension: ANSI B1.20.1 & GB7306-87
- ◎ Inspect and test: API 598
- ◎ Body material: A105, LF2, F5, F11, F22, F304, F304L, F316, F316L

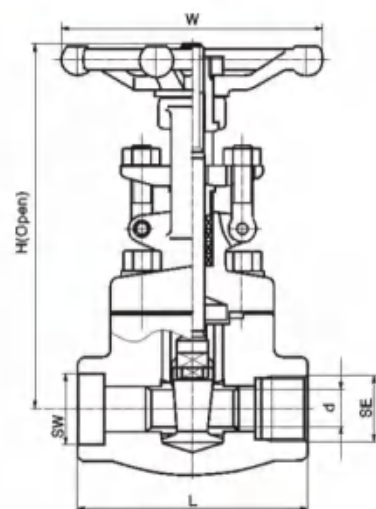
尺寸/Dimensions

公称通径 Nominal diameter	缩径 Reduced port	mm(in)	8(1/4)	10(3/8)	15(1/2)	20(3/4)	25(1)	32(11/4)	40(11/2)	50(2)
			-	-	10(3/8)	15(1/2)	20(3/4)	25(1)	32(11/4)	40(11/2)
	全径 Full port	mm(in)	-	-	10(3/8)	15(1/2)	20(3/4)	25(1)	32(11/4)	40(11/2)
d	mm		7	7	10	12.7	18	23	28.5	36
L	mm		79	79	79	92	111	120	120	140
H(开 Open)	mm		166	166	166	169	193	230	246	283
W	mm		100	100	100	100	125	160	160	180
重量 Weight	B.B	Kg	2.5	2.4	2.3	2.6	4.5	5.9	7.2	11.2
	W.B	Kg	-	-	2.4	2.7	4.6	6.1	7.4	11.4

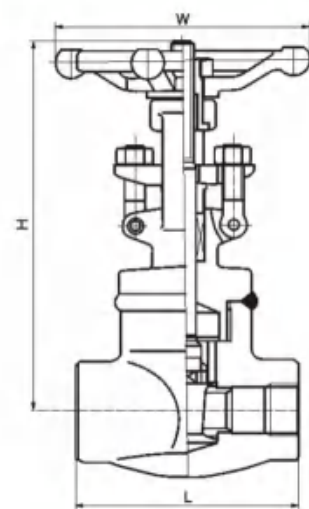
承插焊(内螺纹)闸阀
S.W (NPT) Gate Valve



CL900~1500 PN16.0~25.0MPa



Z31H-1500LB-F1"



HZ31Y-900LB-11/2"

特征和应用规范/Features and applications

- 全径
- 结构: B.B或W.B;OS&Y
- 垫片: 不锈钢+柔性石墨
- 承插焊或螺纹连接
- 密封副材质: 按“客户须知”和使用环境而定
- Full port
- Construction: B.B & W.B;OS&Y
- Gasket: Stainless steel+graphite
- Socket welding & threaded ends
- Material for hard trim is depend on client notice & operating condition

- 设计和制造: API 602 & ANSI B16.34
- 承插焊端: ANSI B16.11 或 JB/T 175-95
- 螺纹端: ANSI B1.20.1或GB7306-87
- 阀门试验和检验: API 598
- 主体材料: A105、LF2、F5、F11、F22、F304、F304L、F316、F316L
- Design & manufacture: API 602 & ANSI B16.34
- Socket welding dimension: ANSI B16.11 & JB/T 175-95
- Screw end dimension: ANSI B1.20.1 & GB7306-87
- Inspect and test: API 598
- Body material: A105、LF2、F5、F11、F22、F304、F304L、F316、F316L

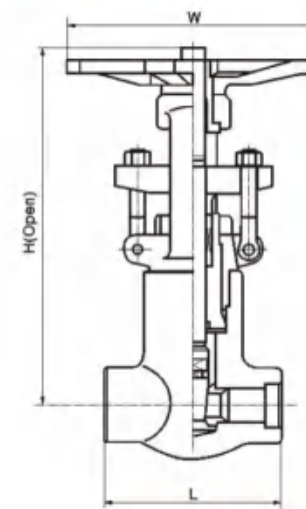
尺寸/Dimensions

公称通径 Nominal diameter		mm(in)	10(3/8)	15(1/2)	20(3/4)	25(1)	32(11/4)	40(11/2)	50(2)
d		mm	10	12.7	18	23	28.5	36	43
L		mm	79	92	111	120	120	140	170
H(开 Open)		mm	170	193	230	246	283	325	334
W		mm	100	100	125	160	160	180	200
重量 Weight	B.B	Kg	4.7	4.7	6.8	9	12.4	17.5	18.0
	W.B	Kg	4.8	4.8	6.9	9.2	12.6	17.7	17.9

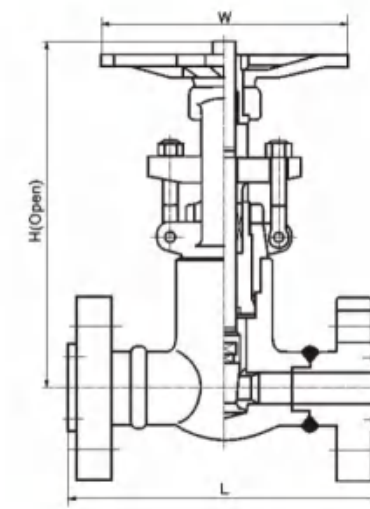
自密封闸阀
P.S Gate Valve



CL900~1500 PN16.0~25.0MPa



PZ61Y-160-DN25



PZ41Y-900LB-3/4"

特征和应用规范/Features and applications

- 结构: P.S; OS&Y
- 承插焊: 螺纹; 法兰连接
- 全径
- 可更换阀座
- 设计和制造: API 602 & ANSI B16.34
- 结构长度: ANSI B16.10; JB/T97-95
- Construction: P.S; OS&Y
- Socket welding: Screw; Flange
- Full port
- Replaceable hard-faced seats
- Design & manufacture: API 602 & ANSI B16.34
- Face to face: ANSI B16.10; JB/T97-95

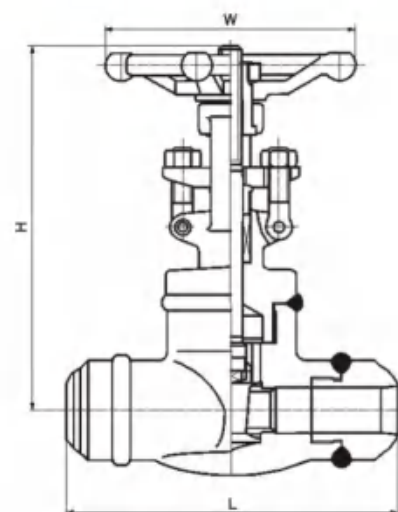
- 承插焊: ANSI B16.11; JB/T 1751
- 法兰尺寸: ANSI B16.5; JB/T 82.1-82.4-94; HG 20592-97等
- 螺纹端尺寸: ANSI B1.20.1(NPT); GB/T 7306-87(Rc)
- 检验和试验: API 598
- 主体材料: A105、LF2、F5、F11、F22、F304、F304L、F316、F316L
- Socket welding dimension: ANSI B16.11; JB/T 1751
- Flange dimension: ANSI B16.5; JB/T 82.1-82.4-94; HG 20592-97
- Screw end dimension: ANSI B1.20.1(NPT); GB/T 7306-87(Rc)
- Inspect and test: API 598
- Body material: A105、LF2、F5、F11、F22、F304、F304L、F316、F316L

尺寸/Dimensions

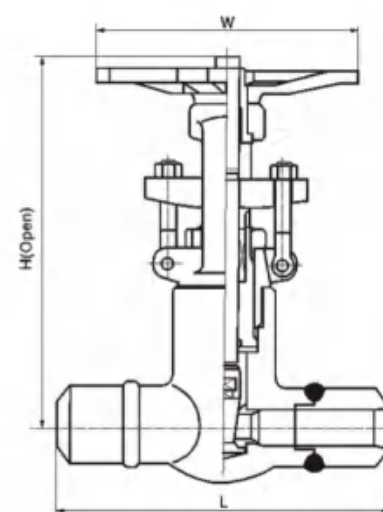
公称通径 Nominal diameter		mm(in)	15(1/2)	20(3/4)	25(1)	32(11/4)	40(11/2)	50(2)
d		mm	13	18	23	28	36	46
L	SW(NPT)	mm	140	140	140	178	178	216
	RJ	mm	216	229	254	279	305	371.2
H(开 Open)		mm	321	321	321	380	414	502
W	SW(NPT)	mm	125	125	160	160	180	200
	RTJ	mm	160	180	200	200	250	280
重量 Weight	SW(NPT)	Kg	10.8	10.5	19.6	20.5	21.7	43
	RTJ	Kg	17	17	21.5	24.5	28.7	46

对接焊闸阀 Butt Welding Gate Valve

CL900~1500 PN16.0~25.0MPa



HZ51Y-160-DN40



PZ51W-1500LBP-1

特征和应用规范/Features and applications

- 结构: P.S或W.B;OS&Y
- 缩径
- 可更换阀座
- 对焊连接
- 结构长度: ANSI B16.10
- Construction: P.S & W.B; OS&Y
- Reduced port
- Replaceable hard-faced seats
- Butt welding
- Face to face: ANSI B16.10

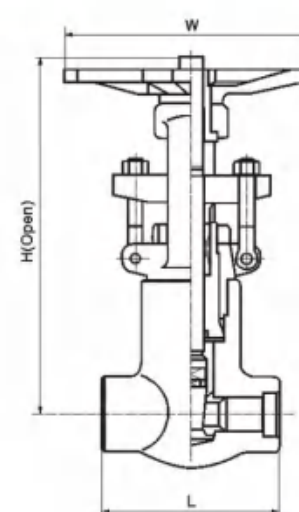
- 设计和制造: API 602 & ANSI B16.34
- 对焊端尺寸: ANSI B16.25或GB/T 12224
- 检验和试验: API 598或GB/T 13927
- 主体材质: A105.LF2.F5. F11.F22.F304.F304L.F316.F316L等
- Design & manufacture: API 602 & ANSI B16.34
- Butt welding ends dimension: ANSI B16.25 & GB/T 12224
- Inspect and test: API 598 & GB/T 13927
- Body material: A105.LF2.F5. F11.F22.F304.F304L.F316.F316L

尺寸/Dimensions

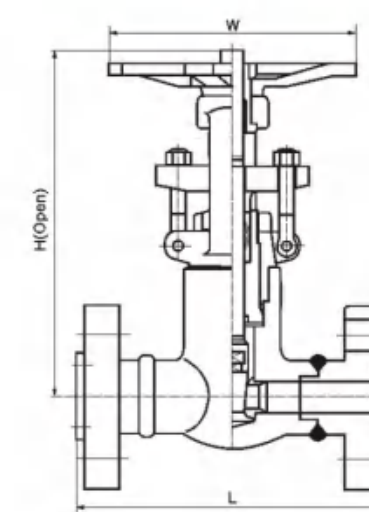
公称通径 Nominal diameter		mm(in)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
d	mm	10	12.7	18	23	28.5	36	
L	mm	216	229	254	279	305	368	
H (开 Open)	P.S	mm	321	321	321	380	414	495
	W.B	mm	297	297	297	343	380	456
W	mm	160	160	180	200	250	280	
重量 Weight	P.S	Kg	11.5	11.2	10.8	18	22	44
	W.B	Kg	9.8	9.7	9.5	17.5	21.6	43

自密封闸阀 P.S Gate Valve

CL2500 PN42.0MPa



PZ61Y-420-DN15



PZ41Y-2500LB-3/4"

特征和应用规范/Features and applications

- 结构: P.S;OS&Y
- 承插焊: 螺纹; 法兰连接
- 可更换阀座
- 设计和制造: ANSI B16.34
- 结构长度: ANSI B16.10;JB/T 97-95
- Construction: P.S; OS&Y
- Socket welding: Screw end; Flange
- Replaceable hard-faced seats
- Design & manufacture: ANSI B16.34
- Face to face: ANSI B16.10;JB/T 97-95

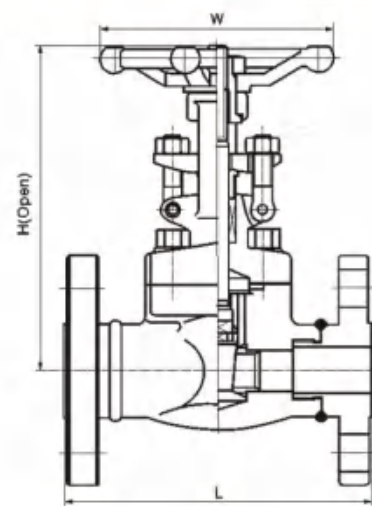
- 法兰尺寸: ANSI B16.5;JB/T82.1~82.4-94; HG 20592-97
- 承插焊尺寸: ANSI B16.11;JB/T 1751
- 螺纹: ANSI B1.20.1(NPT);GB/T 7306-87(Rc)
- 检验和试验: API 598
- 主体材质: A105.LF2.F5.F11.F22.F304.F304L.F316.F316L等
- Flange dimension: ANSI B16.5;JB/T82.1~82.4-94; HG 20592-97
- Socket welding dimension: ANSI B16.11;JB/T 1751
- Screw end dimension: ANSI B1.20.1(NPT);GB/T 7306-87(Rc)
- Inspect and test: API 598
- Body material: A105.LF2.F5.F11.F22.F304.F304L.F316.F316L

尺寸/Dimensions

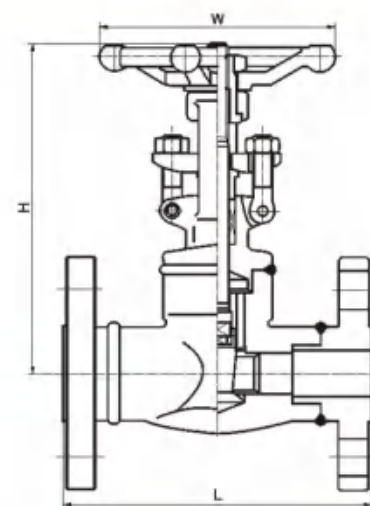
公称通径 Nominal diameter		mm(in)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
d	mm	11	14	19	25	28	35	
L	SW(NPT)	mm	186	186	186	178	220	279
	RTJ	mm	264	273	308	352.2	387.2	454.2
H(开 Open)		mm	321	321	321	375	406	496
W	SW(NPT)	mm	125	125	160	160	180	200
	RTJ	mm	160	160	180	200	250	280
重量 Weight	SW(NPT)	Kg	12.3	11.6	10.9	26	28.5	60
	RTJ	Kg	21.5	24.8	30.5	48.2	58.2	130

法兰闸阀 Flange Gate Valve

CL150~600



Z41H-300LB-1"



HZ41Y-150LB-11/2"

特征和应用规范/Features and applications

- 结构: B.B或W.B; OS & Y
- 垫片: 不锈钢+柔性石墨
- 法兰连接
- 可更换阀座
- 设计和制造: API 602; ANSI B16.34
- 法兰尺寸: ANSI B16.5
- 结构长度: ANSI B16.10
- 检验和试验: API 598
- 主体材质: A105, LF2, F5, F11, F22, F304, F304L, F316, F316L等
- Construction: B.B & W.B; OS & Y
- Gasket: Stainless steel+graphite
- Flange
- Replaceable hard-faced seats
- Design & manufacture: API 602; ANSI B16.34
- Flange dimension: ANSI B16.5
- Face to face: ANSI B16.10
- Inspect and test: API 598
- Body material: A105, LF2, F5, F11, F22, F304, F304L, F316, F316L

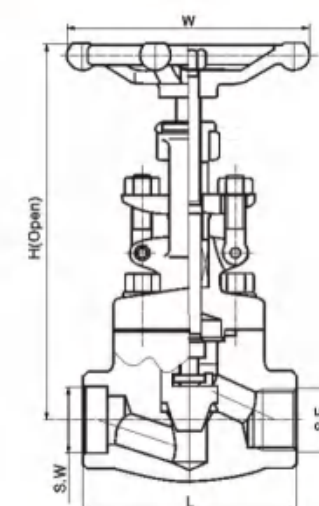
尺寸/Dimensions

公称通径 Nominal diameter		mm(in)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
L	d	mm	10	12.7	18	23	28.5	36
	CL150	mm	108	117	127	140	165	178
	CL300	mm	140	152	165	178	190	216
H	CL600	mm	165	190	216	229	241	292
	CL150	mm	133	150	184	218	246	283
W		mm	100	100	125	160	160	180
重量 Weight	CL150	Kg	4.5	5.1	8.2	11	12.5	20.3
	CL300	Kg	4.8	6.2	9.3	14	15.5	23.4
	CL600	Kg	5.9	7.4	10.4	16.2	17.5	28.3

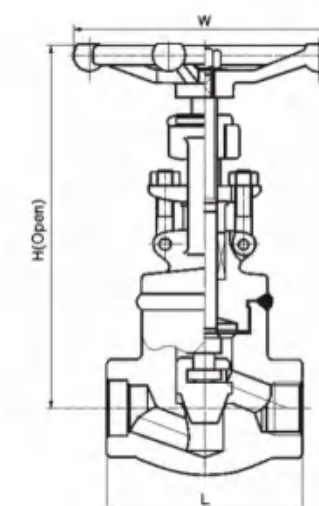
说明Note: CLASS≤600, 一般法兰密封形式为“RF”, 如果是其它形式要注明; 美标“RJ”的结构长度比“RF”的结构长度长“X”。
Sealing type usually is Raised Face when pressure is not exceed class 600LB. Pls mark your requirements if the type is different, Face to face dimension of “RJ” in API standard is “X” longer than the one of “RF”.

承插焊(内螺纹)截止阀 S.W (NPT) Globe Valve

CL150~800 PN1.6~14.0MPa



J31H-800LB-1/2"



HJ31Y-600LB-1"

特征和应用规范/Features and applications

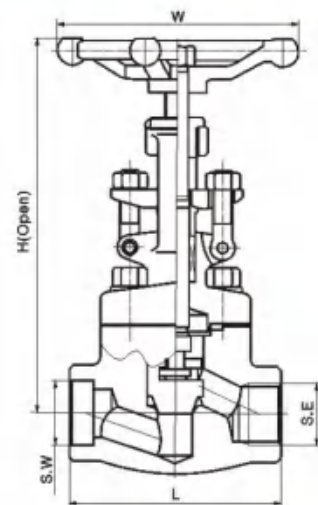
- 全径或缩径
- 结构: B.B或W.B; OS & Y
- 垫片: 不锈钢+柔性石墨
- 承插焊或螺纹连接
- 整体阀座
- 设计和制造: API 602 & ANSI B16.34
- 承插焊尺寸: ANSI B16.11; JB/T 1751
- 螺纹端尺寸: ANSI B1.20.1(NPT); GB/T 7306-87(Rc)
- 检验和试验: API 598
- 主体材质: A105, LF2, F5, F11, F22, F304, F304L, F316, F316L等
- Reduced or full port
- Construction: B.B & W.B; OS & Y
- Gasket: Stainless steel+graphite
- Socket welding & threaded ends
- Integral seat
- Design & manufacture: API 602 & ANSI B16.34
- Socket welding dimension: ANSI B16.11; JB/T 1751
- Screw end dimension: ANSI B1.20.1(NPT); GB/T 7306-87(Rc)
- Inspect and test: API 598
- Body material: A105, LF2, F5, F11, F22, F304, F304L, F316, F316L

尺寸/Dimensions

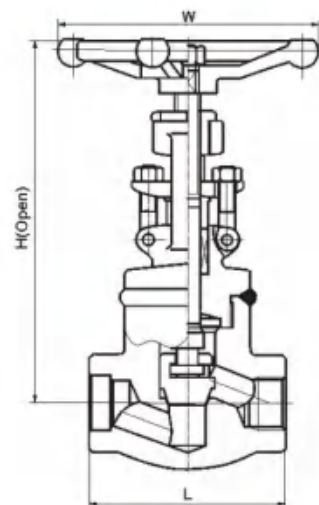
公称通径 Nominal diameter	缩径 Reduced port	mm(in)	8(1/4)	10(3/8)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
			—	—	10(3/8)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)
d	全径 Full port	mm(in)	—	—	10(3/8)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)
	mm	mm	8	10	11	13	18	23	28.5	33
L	mm	mm	79	79	79	92	111	120	152	172
H(开 Open)	mm	mm	166	166	166	175	206	228	262	300
W	mm	mm	100	100	100	100	125	160	160	180
重量 Weight	B.B	Kg	2.6	2.5	2.4	2.6	4.5	5.9	8.3	12.4
	W.B	Kg	—	—	2.5	2.7	4.7	6.1	8.5	12.6

承插焊(内螺纹)截止阀 S.W (NPT) Globe Valve

CL900~1500 PN16.0~25.0MPa



J31Y-900LB



HJ31Y-1500LB

特征和应用规范/Features and applications

- 结构: B.B或W.B;OS & Y
- 垫片: 不锈钢+柔性石墨
- 承插焊; 螺纹连接
- 整体阀座
- 设计和制造: ANSI B16.34;API 602

- Construction: B.B & W.B;OS & Y
- Gasket: Stainless steel+graphite
- Socket welding; threaded ends
- Integral seat
- Design & manufacture: ANSI B16.34;API 602

- 承插焊端尺寸: ANSI B16.11;JB/T1751
- 螺纹端尺寸: ANSI B1.20.1(NPT) GB/T7306-87(Rc)
- 检验和试验: API 598
- 主体材质: A105,LF2,F5,F11,F22,F304,F304L,F316,F316L等。

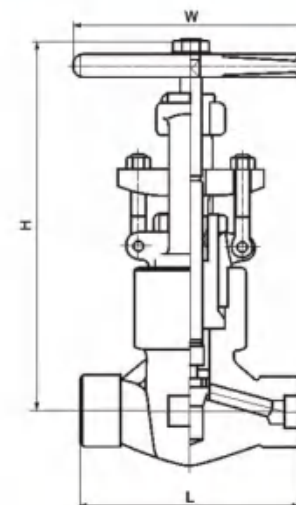
- Socket welding dimension: ANSI B16.11;JB/T1751
- Screw end dimension: ANSI B1.20.1(NPT) GB/T7306-87(Rc)
- Inspect and test: API 598
- Body material: A105,LF2,F5,F11,F22,F304,F304L,F316,F316L

尺寸/Dimensions

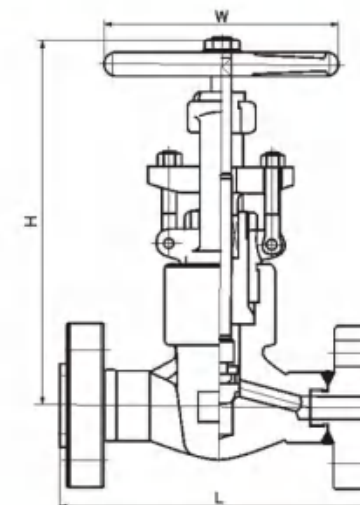
公称通径 Nominal diameter		mm(in)	8(1/4)	10(3/8)	15(1/2)	20(3/4)	25(1)	32(11/4)	40(11/2)	50(2)
d	mm		7	10	13	18	23	29	33	43
L	mm		79	79	92	111	120	152	172	220
H(开 Open)	mm		166	166	170	193	230	246	283	325
W	mm		100	100	100	125	160	160	180	200
重量 Weight	B.B	Kg	4.9	4.8	4.7	4.7	6.3	8.8	12.4	17.5
	W.B	Kg	4.5	4.5	4.1	4.1	6.7	9.0	12.1	17

自密封截止阀 P.S Globe Valve

CL900~1500 PN16.0~25.0MPa



PJ61Y-1500LB



PJ41Y-900LB

特征和应用规范/Features and applications

- 结构: P.S; OS & Y
- 承插焊; 内螺纹; 法兰连接
- 整体阀座
- 设计和制造: API 602;ANSI B16.34;GB/T12224;GB/T12228;GB/T12235
- 结构长度: ANSI B16.10;JB/T96-95
- Construction: P.S; OS & Y
- Socket welding; Female thread;Flange
- Integral seat
- Design & manufacture: API 602;ANSI B16.34;GB/T12224;GB/T12228;GB/T12235
- Face to face: ANSI B16.10;JB/T96-95

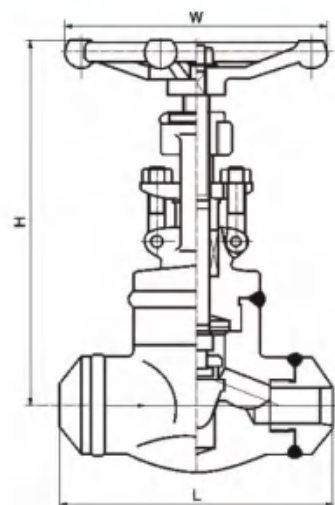
- 法兰端尺寸: ANSI B16.5;JB/T82.1~82.4-94
- 承插焊端尺寸: ANSI B16.11; JB/T1751
- 螺纹端尺寸: ANSI B1.20.1(NPT) GB/T7306-87(Rc)
- 检验和试验: API 598.
- 主体材质: A105,LF2,F5,F11,F22,F304,F316,F304L,F316L等
- Flange dimension: ANSI B16.5;JB/T82.1~82.4-94
- Socket welding dimension: ANSI B16.11; JB/T1751
- Screw end dimension: ANSI B1.20.1(NPT) GB/T7306-87(Rc)
- Inspect and test: API 598.
- Body material: A105,LF2,F5,F11,F22,F304,F316,F304L,F316L

尺寸/Dimensions

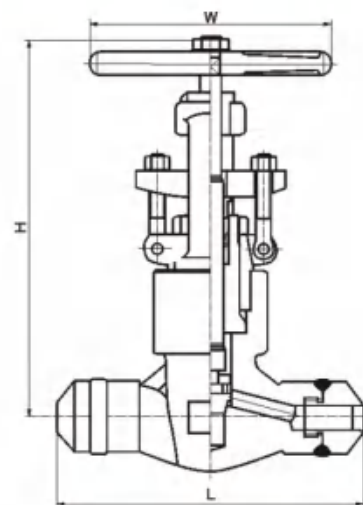
公称通径 Nominal diameter		mm(in)	15(1/2)	20(3/4)	25(1)	32(11/4)	40(11/2)	50(2)
d	mm		13	18	23	28	36	46
L	SW(NPT)	mm	140	140	140	178	178	228
	RTJ	mm	216	229	254	279	305	371.2
H(开 Open)		mm	207	207	240	258	290	337
W	SW(NPT)	mm	125	125	160	160	180	200
	RTJ	mm	160	160	180	200	250	280
重量 Weight	SW(NPT)	Kg	11.2	10.5	10.1	21	19.6	40.4
	RTJ	Kg	15.5	16.9	18.9	28.9	34.3	52.8

对焊截止阀 Butt Welding Globe Valve

CL900~1500 PN16.0~25.0MPa



HJ51Y-900LB



PJ51Y-1500LB

特征和应用规范/Features and applications

- ◎ 结构: P.S或W.B; OS & Y
- ◎ 对焊连接
- ◎ 缩径
- ◎ 整体阀座
- ◎ 设计和制造: API 602&ANSI B16.34

- ◎ Construction: P.S & W.B; OS & Y
- ◎ Butt welding
- ◎ Reduced port
- ◎ Integral seat
- ◎ Design & manufacture: API 602&ANSI B16.34

- ◎ 结构长度: ANSI B16.10
- ◎ 对焊端尺寸: ANSI B16.25
- ◎ 检验和试验: API 598
- ◎ 主体材质: A105,LF2,F5,F11,F22,F304,F304L,F316,F316L等

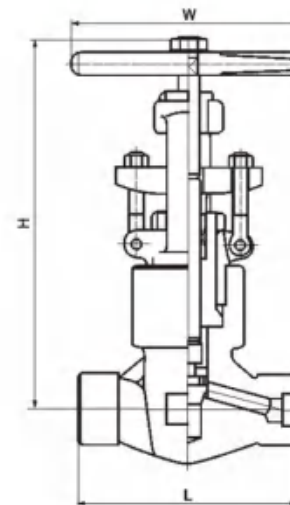
- ◎ Face to face: ANSI B16.10
- ◎ Welding end dimension: ANSI B16.25
- ◎ Inspect and test: API 598
- ◎ Body material: A105,LF2,F5,F11,F22,F304,F304L,F316,F316L

尺寸/Dimensions

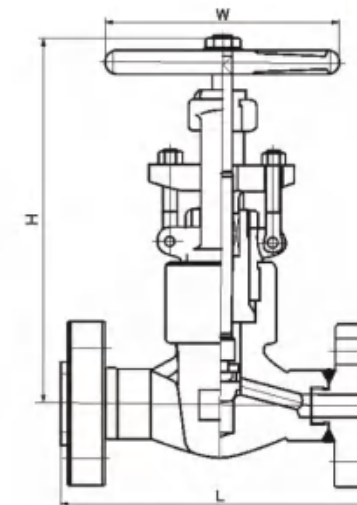
公称通径 Nominal diameter		mm(in)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
d (R.P)		mm	11	13	18	23	28	33
L		mm	216	229	254	279	305	368
H (开 Open)	P.S	mm	318	318	318	398	408	524
	W.B	mm	207	240	258	290	337	354
W		mm	160	160	180	200	250	280
重量 Weight	P.S	Kg	12.5	11.8	11.5	23.5	21.7	43.6
	W.B	Kg	13.5	12.6	11.8	24.4	22.5	45.5

自密封截止阀 P.S Globe Valve

CL2500 PN42.0MPa



PJ61Y-420-DN15



PJ41Y-2500LB-1"

特征和应用规范/Features and applications

- ◎ 结构: P.S; OS & Y
- ◎ 垫片: 不锈钢+柔性石墨
- ◎ 整体阀座
- ◎ 设计和制造: ANSI B16.34
- ◎ 结构长度: ANSI B16.10;JB/T96-95
- ◎ 法兰端尺寸: ANSI B16.5

- ◎ Construction: P.S; OS & Y
- ◎ Gasket: Stainless steel+graphite
- ◎ Integral seat
- ◎ Design & manufacture: ANSI B16.34
- ◎ Face to face: ANSI B16.10;JB/T96-95
- ◎ Flange dimension: ANSI B16.5

- ◎ 承插焊端尺寸: ANSI B16.11;JB/T1751
- ◎ 螺纹端尺寸: ANSI B1.20.1(NPT)
GB/T7306-87(Rc)
- ◎ 检验和试验: API 598
- ◎ 主体材质: A105,LF2,F5,F11,F22,F304,F304L,F316,F316L等

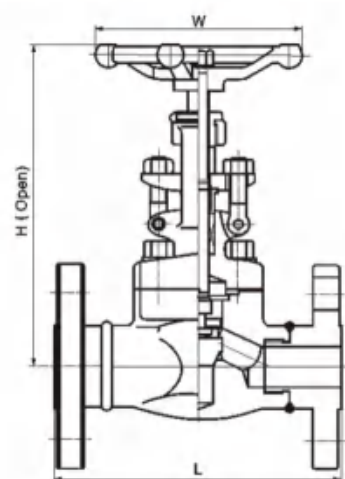
- ◎ Socket welding dimension: ANSI B16.11;JB/T1751
- ◎ Screw end dimension: ANSI B1.20.1(NPT)GB/T7306-87(Rc)
- ◎ Inspect and test: API 598
- ◎ Body material: A105,LF2,F5,F11,F22,F304,F304L,F316,F316L

尺寸/Dimensions

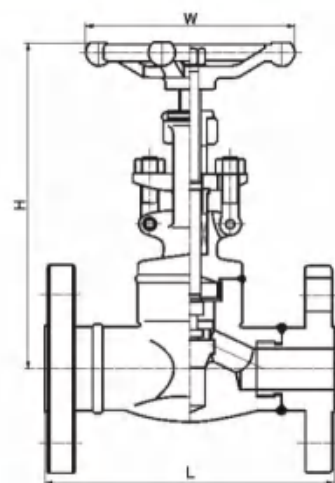
公称通径 Nominal diameter		mm(in)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
d		mm	11	14	19	25	28	35
L	SW(NPT)	mm	186	186	186	178	228	279
	RJ	mm	264	273	308	352.2	387.2	454.2
H(开 Open)		mm	333	333	333	410	420	524
W	SW(NPT)	mm	125	125	160	160	180	200
	RTJ	mm	160	160	180	200	250	280
重量 Weight	SW(NPT)	Kg	12.4	11.6	11	28	26.7	43.8
	RTJ	Kg	18	21	23	36	45	82

法兰截止阀 Flange Globe Valve

CL150~600



J41H-150LB-1"



HJ41Y-300LB-3/4"

特征和应用规范/Features and applications

- ◎ 结构: B.B或W.B;OS & Y
- ◎ 垫片: 不锈钢+柔性石墨
- ◎ 法兰连接
- ◎ 整体阀座
- ◎ 设计和制造: API 602&ANSI B16.34

- ◎ Construction: B.B & W.B;OS & Y
- ◎ Gasket: Stainless steel+graphite
- ◎ Flange
- ◎ Integral seat
- ◎ Design & manufacture: API 602&ANSI B16.34

- ◎ 法兰尺寸: ANSI B16.5
- ◎ 结构长度: ANSI B16.10
- ◎ 检验和试验: API 598
- ◎ 主体材质: A105,LF2,F5,F11,F22,F304,F304L,F316,F316L

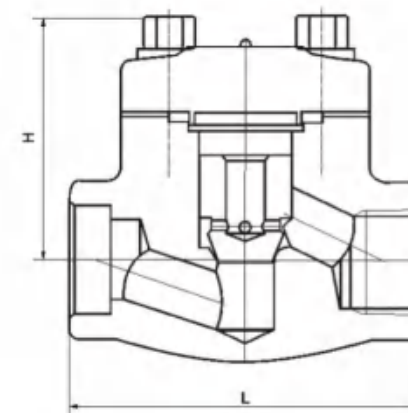
- ◎ Flange dimension: ANSI B16.5
- ◎ Face to face: ANSI B16.10
- ◎ Inspect and test: API 598
- ◎ Body material: A105,LF2,F5,F11,F22,F304,F304L,F316,F316L

尺寸/Dimensions

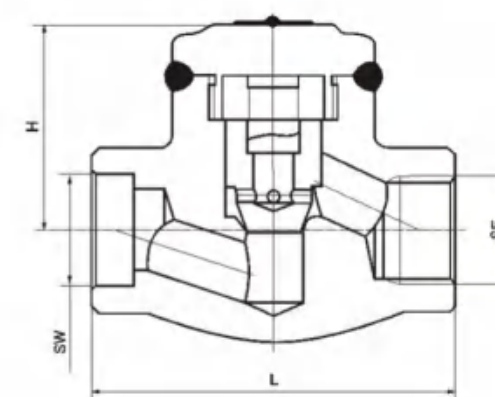
公称通径 Nominal diameter		mm(in)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
d		mm	10	12.7	17.5	23	28	33
L	CL150	mm	108	117	127	140	165	203
	CL300	mm	152	178	203	216	229	267
	CL600	mm	165	190	216	229	241	292
H	CL150	mm	140	154	184	216	232	260
	CL300~600	mm	166	175	206	228	262	300
W		mm	100	100	125	160	160	180
重量 Weight	CL150	Kg	4	5.1	7.6	11	12.5	20.3
	CL300	Kg	4.8	6.2	9.3	14	15.5	23.4
	CL600	Kg	5.9	7.4	10.4	16.2	17.5	28.3

承插焊(内螺纹)止回阀 S.W (NPT) Check Valve

CL150~800 PN1.6~14.0MPa



H31H-150LB-3/4"



HH31Y-16C-DN25

特征和应用规范/Features and applications

- ◎ 缩径或全径
- ◎ 结构: B.C或W.C; 升降式止回阀
- ◎ 垫片: 不锈钢+柔性石墨
- ◎ 承插焊或螺纹连
- ◎ 整体阀座
- ◎ 承插端尺寸: ANSI B16.11; JB/T1751
- ◎ Reduced or full port
- ◎ Construction: B.C & W.C; lift check valve
- ◎ Gasket: Stainless steel+graphite
- ◎ Socket welding & threaded ends
- ◎ Integral seat
- ◎ Socket welding dimension: ANSI B16.11; JB/T1751

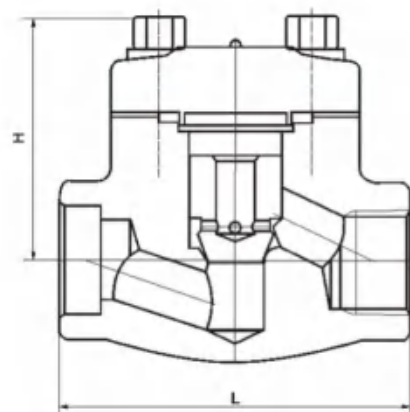
- ◎ 螺纹端: ANSI B1.20.1(NPT);GB/T7306(Rc)
- ◎ 设计和制造: API 602;ANSI B16.34;API600
GB/T12224;GB/T12228;GB/T12235;GB/T12236
- ◎ 检验和试验: API 598;GB/T13927
- ◎ 主体材质: A105,LF2,F5,F11, F22,F304,F304L,F316,F316L
- ◎ Screw end dimension: ANSI B1.20.1(NPT);
GB/T7306(Rc)GB/T12224;
- ◎ Design & manufacture: ANSI B16.34;API602;GB/T12224
GB/T12228;GB/T12235;GB/T12236
- ◎ Inspect and test: API 598;GB/T13927
- ◎ Body material: A105,LF2,F5,F11, F22,F304,F304L,F316,F316L

尺寸/Dimensions

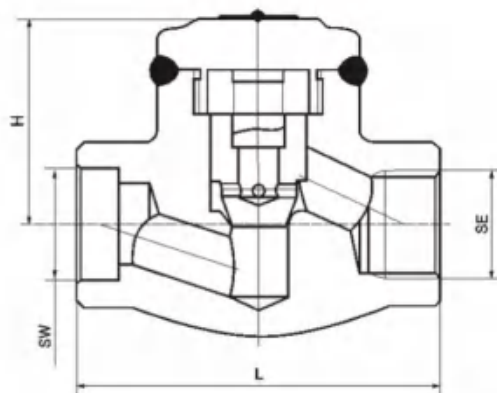
公称通径 Nominal diameter	缩径 Reduced port	mm(in)	8(1/4)	10(3/8)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
	全径 Full port	mm(in)	-	-	10(3/8)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)
d	mm	7	7	11	13	18	23	28	33	42
L	mm	79	79	79	92	111	120	152	172	220
H	mm	62	62	62	63	78	82	102	120	147
重量 Weight	Kg	1.5	1.4	1.2	1.4	2.3	3.9	5.6	8.9	12.5

承插焊(内螺纹)止回阀
S.W (NPT) Check Valve

CL900~1500 PN16.0~25.0MPa



H31Y-1500LB-1"



THH31H-160-DN20

特征和应用规范/Features and applications

- ◎ 结构: B.C或W.C; 升降式止回阀
- ◎ 垫片: 不锈钢+柔性石墨
- ◎ 承插焊或螺纹连接
- ◎ 整体阀座
- ◎ 承插焊尺寸: ANSI B16.11;JB/T1751

- ◎ 螺纹尺寸: ANSI B1.20.1;GB/T7306
- ◎ 设计和制造: ANSI B16.34;API602;GB/T12224
GB/T12228;GB/T12235;GB/T12236
- ◎ 检验和试验: API 598
- ◎ 主体材质: A105.LF2.F5.F11. F22.F304.F304L.F316.F316L

- ◎ Construction: B.C or W.C; lift check valve
- ◎ Gasket: Stainless steel+graphite
- ◎ Socket welding & threaded ends
- ◎ Integral seat
- ◎ Socket welding dimension: ANSI B16.11;JB/T1751

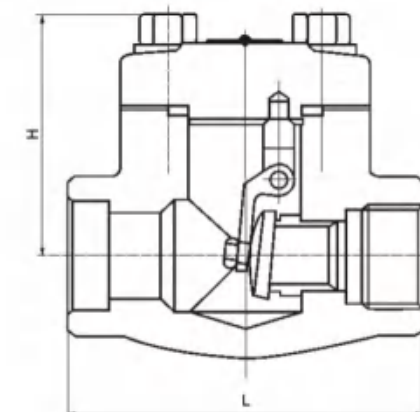
- ◎ Screw end dimension: ANSI B1.20.1;GB/T7306
- ◎ Design & manufacture: ANSI B16.34;API602;GB/T12224
GB/T12228;GB/T12235;GB/T12236
- ◎ Inspect and test: API 598
- ◎ Body material: A105.LF2.F5.F11. F22.F304.F304L.F316.F316L

尺寸/Dimensions

公称通径 Nominal diameter	mm(in)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
L	mm	92	111	120	152	172	220
H	mm	63	98	104	120	140	158
重量 Weight	Kg	2.0	4.9	6.9	10.8	12	15

承插焊(内螺纹)旋启止回阀
S.W (NPT) Wing Check Valve

CL800 PN14.0



H34H-800LB-1"

特征和应用规范/Features and applications

- ◎ 缩径或全径
- ◎ 结构: B.C旋启止回阀
- ◎ 垫片: 不锈钢+柔性石墨
- ◎ 承插焊或螺纹连接
- ◎ 可更换阀座
- ◎ 承插焊尺寸: ANSI B16.11;JB/T1751

- ◎ 螺纹尺寸: ANSI B1.20.1;GB/T7306
- ◎ 设计和制造: API 602;ANSI B16.34
GB/T12235;GB/T12224;GB/T12228;GB/T12236
- ◎ 检验和试验: API 598
- ◎ 主体材质: A105.LF2.F5.F11. F22.F304.F304L.F316.F316L

- ◎ Reduced or full port
- ◎ Construction: B.C Swing check valve
- ◎ Gasket: Stainless steel+graphite
- ◎ Socket welding & threaded ends
- ◎ Replaceable hard-faced seats
- ◎ Socket welding dimension: ANSI B16.11;JB/T1751

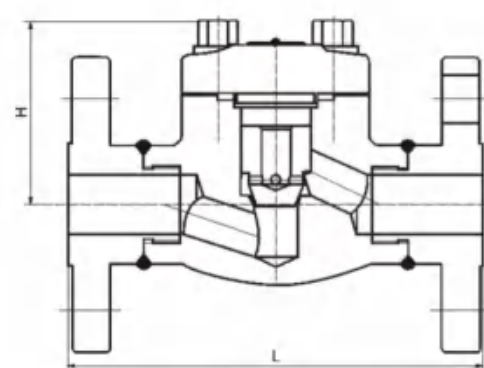
- ◎ Screw end dimension: ANSI B1.20.1;GB/T7306
- ◎ Design & manufacture: API 602;ANSI B16.34 GB/T12235;
GB/T12224;GB/T12228;GB/T12236
- ◎ Inspect and test: API 598
- ◎ Body material: A105.LF2.F5.F11. F22.F304.F304L.F316.F316L

尺寸/Dimensions

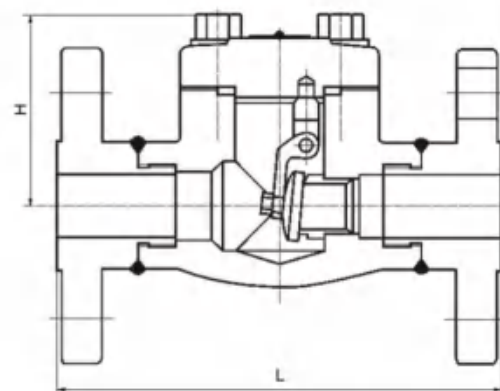
公称通径 Nominal diameter	缩径 Reduced port	mm(in)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
	全径 Full port	mm(in)	10(3/8)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2) 50(2)
d	mm	10	13	18	23	28.5	36	42
L	mm	79	92	111	120	120	140	170
H	Kg	62	63	78	82	1102	120	140
重量 Weight	Kg	1.1	1.2	2.0	3.5	4.5	7.5	10

法兰止回阀 Flange Check Valve

CL150~600



H41Y-300LB-3/4"



H44H-150LB-1"

特征和应用规范/Features and applications

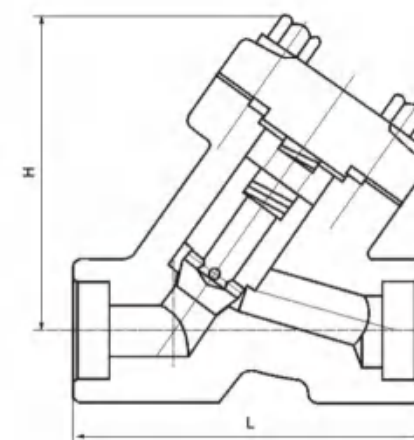
- 缩径或全径
- 结构: B.C升降式或旋启式止回阀
- 垫片: 不锈钢+柔性石墨
- 设计和制造: API 602;ANSI B16.34;
- 法兰端尺寸: ANSI B16.5
- 结构长度: ANSI B16.10
- 检验和试验: API 598
- 主体材质: A105;LF2;F5;F11;F22;F304;F304L;F316;F316L等
- Reduced or full port
- Construction: B.C lift check valve&swing check valve
- Gasket: Stainless steel+graphite
- Design & manufacture: API 602;ANSI B16.34;
- Flange dimension: ANSI B16.5
- Face to face: ANSI B16.10
- Inspect and test: API 598
- Body material: A105;LF2;F5;F11;F22;F304;F304L;F316;F316L

尺寸/Dimensions

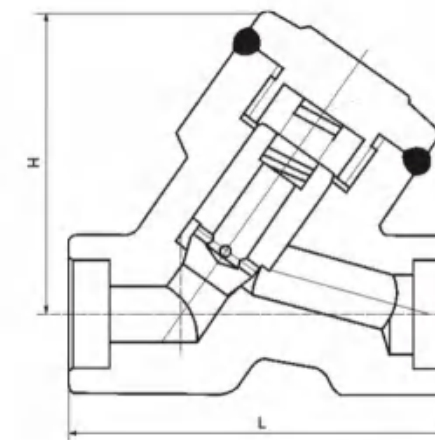
公称通径 Nominal diameter		mm(in)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
L	CL150(L.S)	mm	108	117	127	140	165	203
	CL300(L)	mm	152	178	203	216	229	267
	CL300(S)	mm	152	178	216	229	241	267
	CL600(L.S)	mm	165	190	216	229	241	292
H		mm	62	63	78	82	102	120
重量 Weight	CL150	Kg	2.8	3.5	4.5	8.4	9.0	12.6
	CL300(L)	Kg	2.7	3.7	4.7	8.8	9.6	13.7
	CL300(S)	Kg	2.7	3.7	5.3	9.6	10.2	13.7
	CL600	Kg	3.0	4.0	5.9	9.5	10.0	15.6

承插焊(内螺纹)Y型止回阀 S.W (NPT) Y Type Check Valve

CL900~1500 PN16.0~25.0MPa



H65H-800LB-1"



HH65Y-250-DN20

特征和应用规范/Features and applications

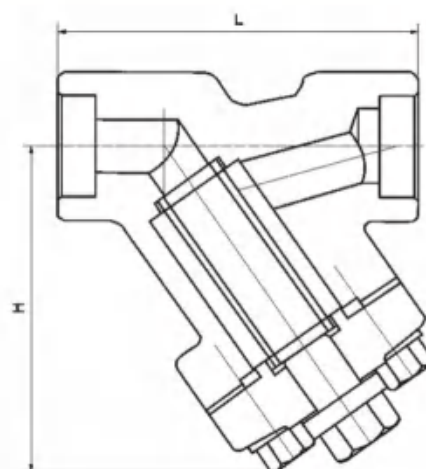
- 缩径或全径
- 结构: B.C或W.C; 带弹簧活塞升降Y型
- 垫片: 不锈钢+柔性石墨
- 承插焊或螺纹连接
- 整体阀座
- 承插焊尺寸: ANSI B16.11;JB/T1751
- Reduced or full port
- Construction: B.C & W.C;
- Y type lift check valve with spring & piston
- Gasket: Stainless steel+graphite
- Socket welding & threaded ends
- Integral seat
- Socket welding dimension: ANSI B16.11;JB/T1751
- 螺纹尺寸: ANSI B1.20.1(NPT);GB/T7306-87
- 设计和制造: API602;ANSI B16.34;
- GB/T12224;GB/T12228;GB/T12235
- 检验和试验: API 598
- 主体材质: A105;LF2;F5;F11; F22;F304;F304L;F316;F316L等
- Screw end dimension: ANSI B1.20.1(NPT);GB/T7306-87
- Design & manufacture: API602;ANSI B16.34;
- GB/T12224;GB/T12228;GB/T12235
- Inspect and test: API 598
- Body material: A105;LF2;F5;F11; F22;F304;F304L;F316;F316L

尺寸/Dimensions

公称通径 Nominal diameter		mm(in)	10(3/8)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
L	CL800	mm	98	98	98	120	140	140	170
	CL1500	mm	120	120	120	140	140	170	220
H	CL800	mm	84	84	84	102	114	115	145
	CL1500	mm	90	90	101	125	132	143	203
重量 Weight	CL800	Kg	3.0	2.9	2.7	6.5	8.5	9.6	10.8
	CL1500	Kg	3.2	3.2	4.1	7.2	10.5	11.6	12

承插焊(内螺纹)Y型过滤器 S.W (NPT) Y - Strainer

CL150~800 PN1.6~14.0MPa



G65-800Lb

特征和应用规范/Features and applications

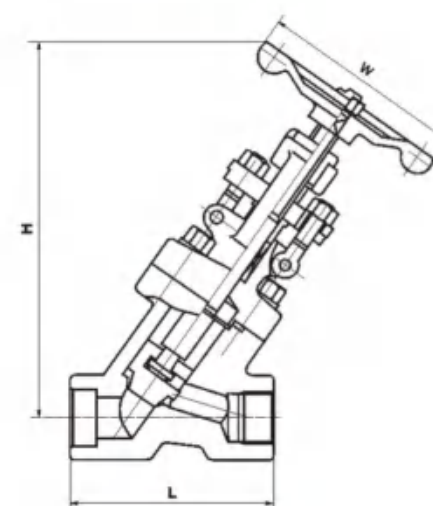
- 结构: B,C;Y型
- 垫片: 不锈钢+柔性石墨
- 丝堵: 铜片
- 承插焊或螺纹连接
- 承插焊尺寸: ANSI B16.11;JB/T1751
- 螺纹尺寸: ANSI B1.20.1;GB/T7306-87(Rc)
- 设计和制造: API 602;ANSI B16.34
- 检验和试验: API 598
- 主体材质: A105;LF2,F5,F11,F22,F304,F304L,F316,F316L等
- Construction: B,C;Y Type
- Gasket: Stainless steel+graphite
- Screw Gasket: Copper Sheet
- Socket welding & threaded ends
- Socket welding dimension: ANSI B16.11;JB/T1751
- Screw end dimension: ANSI B1.20.1;GB/T7306-87(Rc)
- Design & manufacture: API 602;ANSI B16.34
- Inspect and test: API 598
- Body material: A105;LF2,F5,F11,F22,F304,F304L,F316,F316L

尺寸/Dimensions

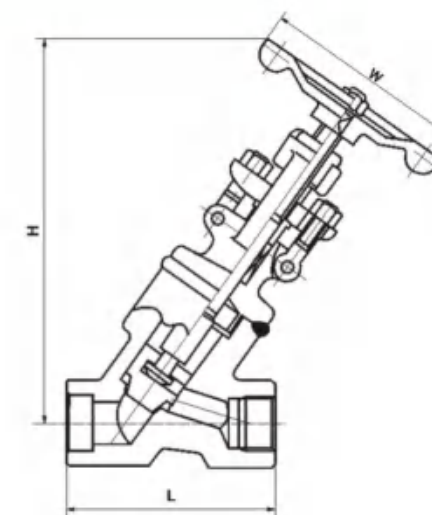
公称通径 Nominal diameter	mm(in)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
d	mm	11	13	18	23	28	33
L	mm	98	98	120	140	140	170
H	mm	86	86	105	118	120	145
重量 Weight	Kg	2.7	2.5	6.3	8.2	9.2	10.3

承插焊(内螺纹)Y型截止阀 S.W(NPT) Y Type Globe Valve

CL800~1500 PN14.0~25.0MPa



J35Y-1500LB-1"



HJ35H-140-DN20

特征和应用规范/Features and applications

- 结构: B,B或W,B;OS & Y
- 垫片: 不锈钢+柔性石墨
- 承插焊或螺纹连接
- 整体阀座
- 承插焊尺寸: ANSI B16.11;JB/T1751
- 螺纹尺寸: ANSI B1.20.1;GB/T7306-87(Rc)
- 设计和制造: API 602;ANSI B16.34
- 检验和试验: API 598
- 主体材质: A105;LF2,F5,F11,F22,F304,F304L,F316,F316L等
- Construction: B,B & W,B;OS & Y
- Gasket: Stainless steel+graphite
- Socket welding & threaded ends
- Integral seat
- Socket welding dimension: ANSI B16.11;JB/T1751
- Screw end dimension: ANSI B1.20.1;GB/T7306-87(Rc)
- Design & manufacture: API 602;ANSI B16.34
- Inspect and test: API 598
- Body material: A105;LF2,F5,F11,F22,F304,F304L,F316,F316L

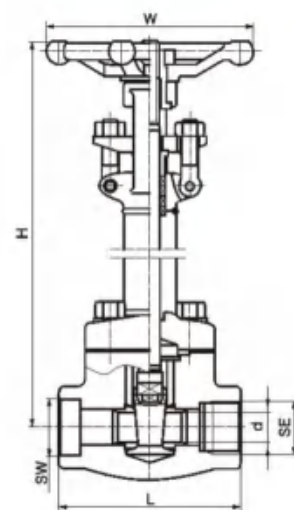
尺寸/Dimensions

公称通径 Nominal diameter	mm(in)	10(3/8)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	50(2)
d	mm	7	11	13	18	23	28	33
L	CL800	mm	98	98	98	120	140	170
	CL1500	mm	98	98	120	140	170	220
H	CL800	mm	240	240	240	290	302	368
	CL1500	mm	170	170	195	235	278	310
W	CL800	mm	100	100	100	125	160	180
	CL1500	mm	125	125	125	160	180	200
重量 Weight	CL800	Kg	4.6	4.6	4.6	7.6	9.8	14
	CL1500	Kg	4.5	4.5	6.1	7.6	9.8	20.8

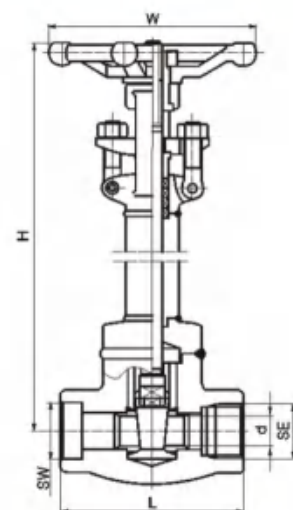
承插焊(内螺纹)低温闸阀
S.W (NPT) Cryogenic Gate Valve



CL150~800 PN1.6~14.0MPa



DZ31H-300LB-1*



DHZ31W-16P-DN25

特征和应用规范/Features and applications

- ◎ 缩径或全径
- ◎ 结构: B.B或W.B;OS & Y
- ◎ 垫片: 不锈钢+柔性石墨
- ◎ 承插焊或螺纹连接
- ◎ 可更换阀座
- ◎ Reduced or full port
- ◎ Construction: B.B & W.B;OS & Y
- ◎ Gasket: Stainless steel+graphite
- ◎ Socket welding & threaded ends
- ◎ Replaceable hardfaced seats

- ◎ 设计和制造: API 602 & ANSI B16.34
- ◎ 承插焊端尺寸(SW): ANSI B16.11
- ◎ 螺纹端尺寸: ANSI B1.20.1
- ◎ 检验和试验: API 598
- ◎ 主体材质: F304.F304L.F316. F316L等
- ◎ Design & manufacture: API 602 & ANSI B16.34
- ◎ Socket welding dimension: ANSI B16.11
- ◎ Screw end dimension: ANSI B1.20.1
- ◎ Inspect and test: API 598
- ◎ Body material: F304.F304L.F316. F316L

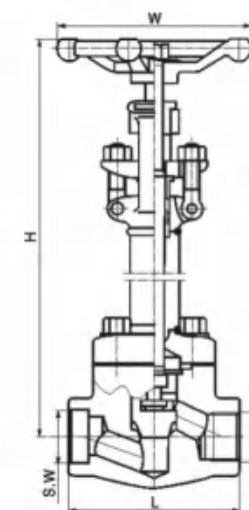
尺寸/Dimensions

公称通径 Nominal diameter		mm(in)	15(1/2)	20(3/4)	25(1)	40(1 1/2)	50(2)
d		mm	10	12.7	18	28.5	36
L		mm	79	92	111	120	140
H (开 Open)	≥ -60℃	mm	265	269	293	356	393
	≥ -100℃	mm	276	279	313	376	413
	< -100℃	mm	296	309	343	406	453
W		mm	100	100	125	160	180

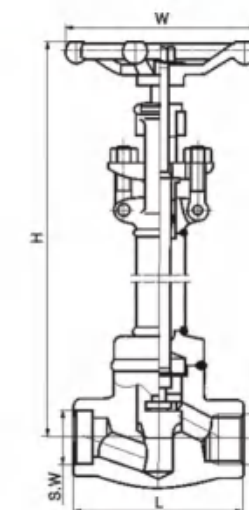
承插焊(内螺纹)低温截止阀
S.W (NPT) Cryogenic Globe Valve



CL150~800 PN1.6~14.0MPa



DJ31H-800LB-1*



DHJ31Y-140-DN25

特征和应用规范/Features and applications

- ◎ 缩径或全径
- ◎ 结构: B.B或W.B;OS & Y
- ◎ 垫片: 不锈钢+柔性石墨
- ◎ 承插焊或螺纹连接
- ◎ 整体阀座
- ◎ Reduced or full port
- ◎ Construction: B.B & W.B;OS & Y
- ◎ Gasket: Stainless steel+graphite
- ◎ Socket welding & threaded ends
- ◎ Integral seat

- ◎ 设计和制造: API 602 & ANSI B16.34
- ◎ 承插焊端尺寸: ANSI B16.11
- ◎ 螺纹端尺寸: ANSI B1.20.1
- ◎ 检验和试验: API 598
- ◎ 主体材质: F304.F304L.F316. F316L等
- ◎ Design & manufacture: API 602 & ANSI B16.34
- ◎ Socket welding dimension: ANSI B16.11
- ◎ Screw end dimension: ANSI B1.20.1
- ◎ Inspect and test: API 598
- ◎ Body material: F304.F304L.F316. F316L

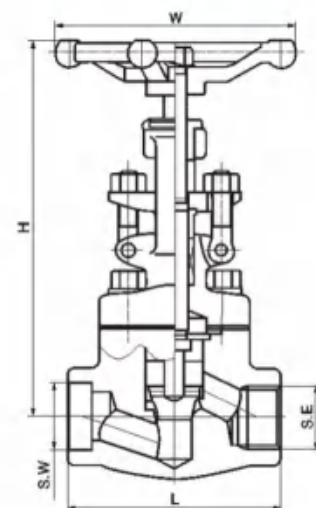
尺寸/Dimensions

公称通径 Nominal diameter		mm(in)	15(1/2)	20(3/4)	25(1)	40(1 1/2)	50(2)
d		mm	11	13	17	28	33
L		mm	79	92	111	152	172
H (开 Open)	≥ -60℃	mm	265	275	306	372	410
	≥ -100℃	mm	276	285	326	392	430
	< -100℃	mm	296	315	356	422	470
W		mm	100	100	125	160	180

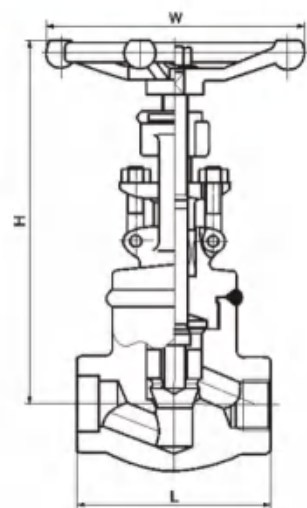
承插焊(内螺纹)截止止回阀
S.W (NPT) Globe Check Valve



CL150~800 PN1.6~14.0MPa



JH31H-800LB-1*



HJH31Y-140-DN25

特征和应用规范/Features and applications

- 缩径或全径
- 结构: B.B或W.B;OS & Y
- 垫片: 不锈钢+柔性石墨
- 承插焊或螺纹连接
- 整体阀座
- 设计和制造: API 602 & ANSI B16.34
- 承插焊端尺寸: ANSI B16.11
- 螺纹端尺寸: ANSI B1.20.1
- 检验和试验: API 598
- 主体材质: A105.LF2.F5.F11.F22.F304.F304L.F316.F316L等
- Reduced or full port
- Construction: B.B & W.B;OS & Y
- Gasket: Stainless steel+graphite
- Socket welding & threaded ends
- Integral seat
- Design & manufacture: API 602 & ANSI B16.34
- Socket welding dimension: ANSI B16.11
- Screw end dimension: ANSI B1.20.1
- Inspect and test: API 598
- Body material: A105.LF2.F5.F11.F22.F304.F304L.F316.F316L

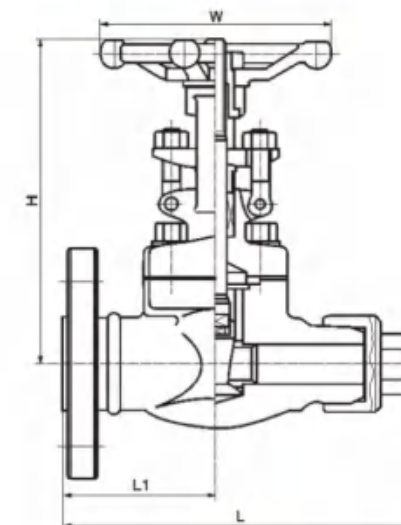
尺寸/Dimensions

公称通径 Nominal diameter	缩径 Reduced port	mm(in)	8(1/4)	10(3/8)	15(1/2)	20(3/4)	25(1)	32(11/4)	40(11/2)	50(2)	
	全径 Full port	mm(in)	-	-	10(3/8)	15(1/2)	20(3/4)	25(1)	32(11/4)	40(11/2)	50(2)
d	mm	mm	8	10	11	13	18	23	28.5	33	43
L	mm	mm	79	79	79	92	111	120	152	172	220
H(开 Open)	mm	mm	166	166	166	175	206	228	262	300	340
W	mm	mm	100	100	100	100	125	160	160	180	240
重量 Weight	B.B	Kg	2.6	2.5	2.4	2.6	4.5	5.9	8.3	12.4	20
	W.B	Kg	-	-	2.5	2.7	4.7	6.1	8.5	12.6	20.4

放空导淋阀
Short Lead Leaching Valve



CL150~600



FZ41/21H-300LB-3/4*

特征和应用规范/Features and applications

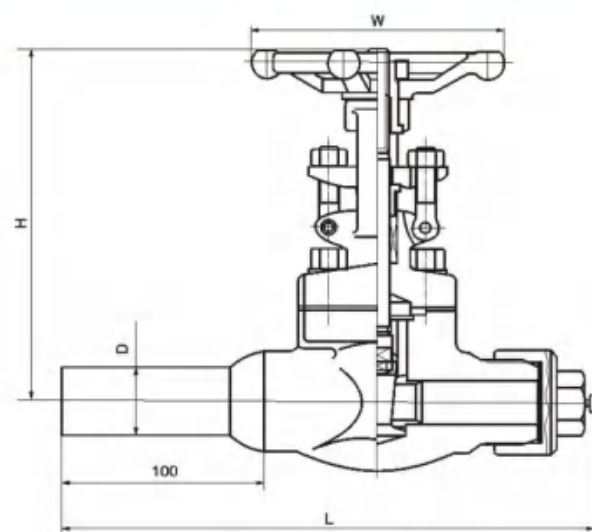
- 缩径或全径
- 结构: B.B;OS & Y
- 垫片: 不锈钢+柔性石墨
- 一端法兰另一端管帽
- 可更换阀座
- 设计和制造: API 602 & ANSI B16.34
- 法兰端尺寸: ANSI B16.5
- 外螺纹端尺寸: GB/T7307-1987
- 检验和试验: API 598
- 主体材质: A105.LF2.F5.F11. F22.F304.F304L.F316.F316L
- Reduced or full port
- Construction: B.B;OS & Y
- Gasket: Stainless steel+graphite
- One end flange,the other end pipe cap
- Replaceable hardfaced seats
- Design & manufacture: API 602 & ANSI B16.34
- Flange dimension: ANSI B16.5
- Male thread end dimension: GB/T7307-1987
- Inspect and test: API 598
- Body material: A105.LF2.F5.F11. F22.F304.F304L.F316.F316L

尺寸/Dimensions

公称通径 Nominal diameter	缩径 Reduced port	mm(in)	15(1/2)	20(3/4)	25(1)	32(11/4)	40(11/2)
	全径 Full port	mm(in)	10(3/8)	15(1/2)	20(3/4)	25(1)	32(11/4)
d	mm	mm	10	12.7	18	23	28.5
L1	CL150	mm	60	65	70	75	85
	CL300	mm	70	76	82.5	89	95
	CL600	mm	82.5	95	108	114.5	120.5
L	CL150	mm	150	157	179	200	213
	CL300	mm	159	170	193	216	224
	CL600	mm	172	190	220	240	250
H(开 Open)	mm	mm	166	169	193	230	246
W	mm	mm	100	100	125	160	160

放空导淋阀 Short Lead Leaching Valve

CL800



FZ接管/管帽H-800LB-1*

特征和应用规范/Features and applications

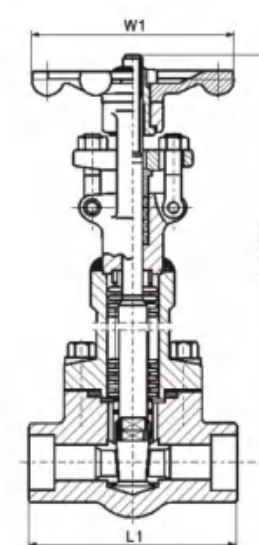
- 缩径或全径
- 结构: B.B或W.B;OS & Y
- 垫片: 不锈钢+柔性石墨
- 一端接管另一端管帽
- 可更换阀座
- 设计和制造: API 602 & ANSI B16.34
- 承插焊端尺寸: GB/T7307-1987
- 检验和试验: API 598
- 主体材质: A105,LF2,F5,F11, F22,F304,F304L,F316,F316L
- Reduced or full port
- Construction: B.B & W.B; OS & Y
- Gasket: Stainless steel+graphite
- One end jointing pipe, the other end pipe cap
- Replaceable hardfaced seats
- Design & manufacture: API 602 & ANSI B16.34
- Socket welding dimension: GB/T7307-1987
- Inspect and test: API 598
- Body material: A105,LF2,F5,F11, F22,F304,F304L,F316,F316L

尺寸/Dimensions

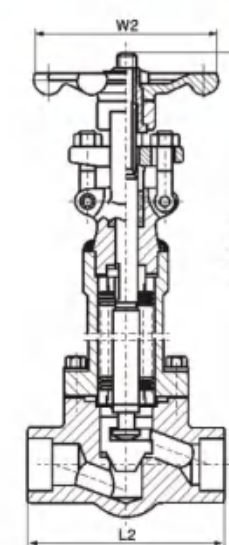
公称通径 Nominal diameter	mm(in)	15(1/2)	20(3/4)	25(1)	32(1 1/4)	40(1 1/2)	2
d	mm	10	12.7	18	23	28.5	36
D	mm	22	27	34	42	48	60
L	mm	229	238	264	275	278	308
H(开 Open)	mm	166	169	193	230	246	290
W	mm	100	100	125	160	160	180

承插焊波纹管阀门 S.W Bellows Valve

CL150~800



波纹管闸阀 Bellows gate valve



波纹管截止阀 Bellows globe valve

特征和应用规范/Features and applications

- 全径或缩径
- 结构: B.B或W.B;OS&Y
- 垫片: 不锈钢+柔性石墨
- 承插焊或螺纹连接
- 密封副材质: 按“客户须知”和使用环境而定
- 设计和制造: API 602 & ANSI B16.34
- 承插焊端: ANSI B16.11 或 JB/T 175-95
- 螺纹端: ANSI B1.20.1或GB7306-87
- 阀门试验和检验: API 598
- 主体材料: A105、LF2、F5、F11、F22、F304、F304L、F316、F316L
- Reduced or full port
- Construction: B.B & W.B; OS&Y
- Gasket: Stainless steel+graphite
- Socket welding & threaded ends
- Material for hard trim is depend on client notice & operating condition
- Design & manufacture: API 602 & ANSI B16.34
- Socket welding dimension: ANSI B16.11 & JB/T 175-95
- Screw end dimension: ANSI B1.20.1 & GB7306-87
- Inspect and test: API 598
- Body material: A105, LF2, F5, F11, F22, F304, F304L, F316, F316L

缩径波纹管闸阀尺寸 Reduced bellows gate valve dimensions

NPS	1/2	3/4	1	1 1/2	2
L1	79	92	111	120	140
H1	237	250	312	400	438
W1	100	100	125	160	180

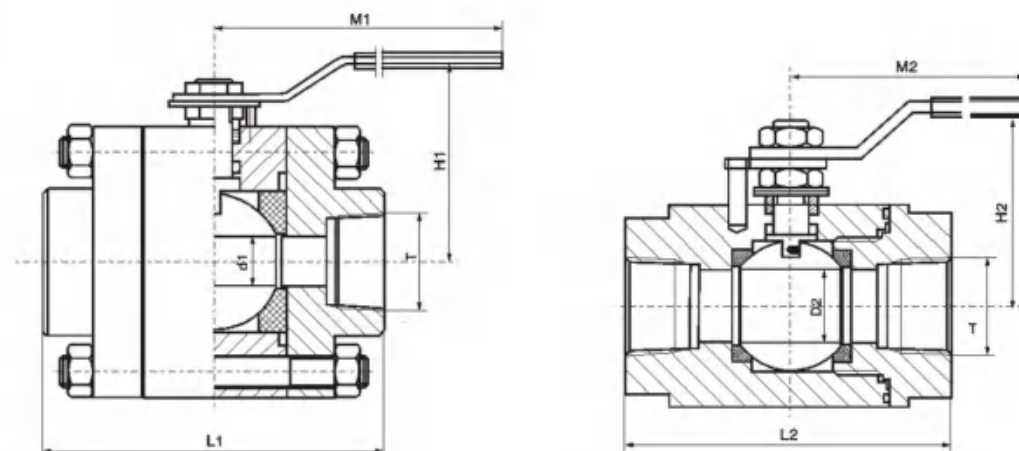
缩径波纹管截止阀尺寸 Reduced bellows globe valve dimensions

NPS	1/2	3/4	1	1 1/2	2
L2	79	92	111	152	172
H2	235	236	285	320	400
W2	100	100	125	160	180

内螺纹球阀 NPT Ball Valve



CL150~800



球阀 (3PIECE BALL VALVE)

球阀 (2PIECE BALL VALVE)

特征和应用规范/Features and applications

- 缩径或全径
- 结构: 浮动球阀
- 垫片: PTFE
- 承插焊或螺纹连接
- 密封副材质: 按客户要求而定

- 主体材质: A105、LF2、F304、F316、F304L、F316等
- 承插焊标准: 按客户要求而定
- 螺纹标准: 按客户要求而定
- 阀门检验和试验: API 598
- 设计制造: API608、API6D

- Reduced or full port
- Construction: Floating ball
- Gasket: PTFE
- Socket welding & threaded ends
- Sealing material: Determined according to customer requirements

- Body material: A105、LF2、F304、F316、F304L、F316 etc.
- Socket welding standards: Determined according to customer requirements
- Thread standard: Determined according to customer requirements
- Valve inspection and test: API 598
- Design & manufacture: API608、API6D

全径尺寸/Full port dimensions

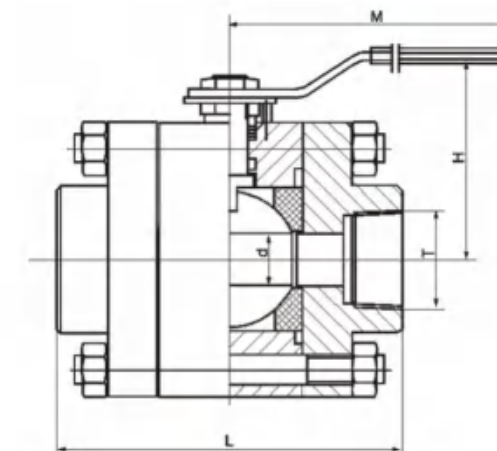
NPS	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L1	73	73	73	96	127	140	152	178
T	1/4NPT	3/8NPT	1/2NPT	3/4NPT	1NPT	1 1/4NPT	1 1/2NPT	2NPT
d1	6	9	14	18	23	32	35	50
H1	55	55	55	70	90	92	98	110
M1	135	135	135	160	160	195	195	250

NPS	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L2	70	70	76	85	106	113	128	140
T	1/4NPT	3/8NPT	1/2NPT	3/4NPT	1NPT	1 1/4NPT	1 1/2NPT	2NPT
d2	6	9	14	20	25	32	38	49
H2	74	74	83	90	95	105	110	120

内螺纹球阀 NPT Ball Valve



CL1500



球阀 (3PIECE BALL VALVE)

特征和应用规范/Features and applications

- 缩径或全径
- 结构: 浮动球阀
- 垫片: PTFE
- 承插焊或螺纹管连接
- 密封副材质: 按客户要求而定

- 主体材质: A105、LF2、F304、F316、F304L、F316等
- 承插焊标准: 按客户要求而定
- 螺纹标准: 按客户要求而定
- 阀门检验和试验: API 598
- 设计制造: API608、API6D

- Reduced or full port
- Construction: Floating ball
- Gasket: PTFE
- Socket welding & threaded ends
- Sealing material: Determined according to customer requirements

- Body material: A105、LF2、F304、F316、F304L、F316 etc.
- Socket welding standards: Determined according to customer requirements
- Thread standard: Determined according to customer requirements
- Valve inspection and test: API 598
- Design & manufacture: API608、API6D

全径尺寸/Full port dimensions

NPS	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
L	92	92	92	112	127	140	152	178
T	1/4NPT	3/8NPT	1/2NPT	3/4NPT	1NPT	1 1/4NPT	1 1/2NPT	2NPT
d	8	10	14	20	23	32	35	50
H	65	65	65	73	90	92	98	110
M	123	123	123	160	160	195	195	250

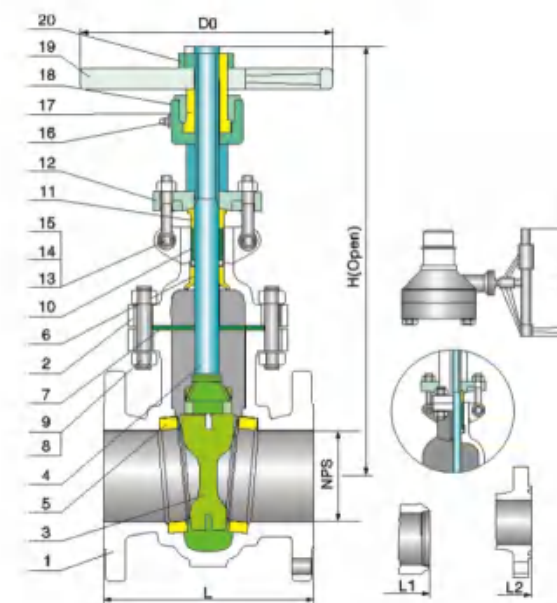


Cast Steel Valve Series

铸钢阀门系列

铸钢闸阀 Cast Steel Gate Valve

Class 150Lb



各部件材质 Materials of parts

序号 No.	零件名称 Part name	材质 Material
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	闸板 Wedge	A216-WCB+CR13
4	阀杆 Stem	A182-F6a
5	阀座 Seat ring	A105+CR13
6	上密封座 Stem backseat	A276-420
7	密封垫 Bonnet gasket	SS 304+石墨(Graphite)
8	阀盖螺栓 Bonnet stud	A193-B7
9	阀盖螺母 Bonnet stud nut	A194-2H
10	填料 Packing	石墨(Graphite)
11	填料压套 Gland	A276-420
12	填料压板 Gland flange	A216-WCB
13	活结螺栓销 Eyebolt pin	碳钢(Carbon steel)
14	活结螺栓 Eyebolt	A193-B7
15	活结螺母 Eyebolt nut	A194-2H
16	油杯 Grease fitting	铜合金(Copper alloy)
17	阀杆螺母 Yokesleeve	A439-D2
18	轴承压盖 Yokesleeve jam nut	ANSI 1025
19	手轮 Handwheel	ASEM A395
20	手轮螺母 Handwheel nut	ANSI 1025

应用标准/Applicable standards

铸造闸阀符合API 600/API 6D标准
Steel gate valves: API 600/API 6D
铸造闸阀符合ISO 10434
Steel gate valves: ISO 10434
铸钢阀门符合 ASME B16.34标准
Steel valves: ASME B16.34
结构长度符合 ASME B16.10标准
Face to face: ASME B16.10
法兰尺寸符合 ASME B 16.5标准
End flanges: ASME B16.5
对接焊符合 ASME B 16.25标准
Butt welding ends: ASME B16.25
试验与检验符合 API 598/API 6D标准
Inspection and test: API 598/API 6D

设计描述/Design description

全通径设计
Full port design
明杆支架
OS & Y, Outside screw and yoke
螺栓连接
BB, Bolted bonnet
弹性闸阀, 带导向
Flexible wedge, fully guided
实心或裂开式闸板
Choice of solid or split wedge
铸造T型阀杆
Forged T-head stem
非升降式手轮
Non-rising handwheel

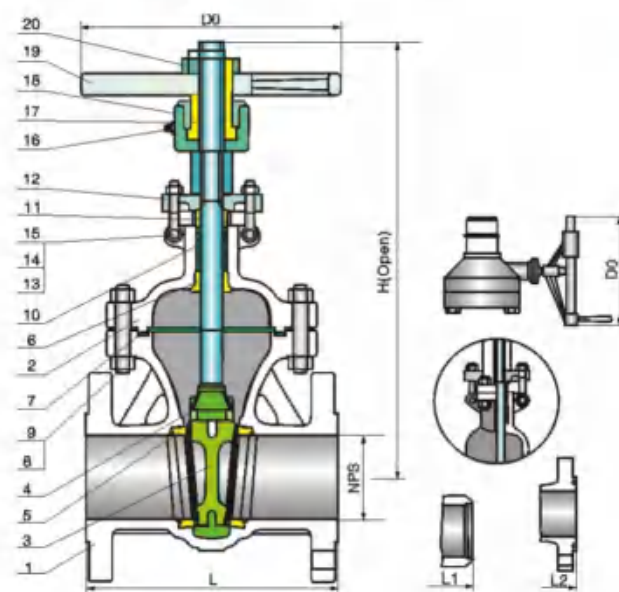
尺寸数据/Dimensions data

NPS DN	in mm	2 51	2-1/2 64	3 76	4 102	5 127	6 152	8 203	10 254	12 305	14 337	16 387	18 438	20 489	24 591
L	in	7.00	7.50	8.00	9.00	10.00	10.50	11.50	13.00	14.00	15.00	16.00	17.00	18.00	20.00
(RF)	mm	178	190	203	229	254	267	292	330	356	381	406	432	457	508
L1	in	8.50	9.50	11.14	12.0	15.00	15.88	16.50	18.00	19.76	22.50	24.00	26300	28.00	32.00
(BW)	mm	216	241	283	305	381	403	419	457	502	572	610	660	711	813
L2	in	7.50	8.00	8.50	9.50	10.50	11.00	12.00	13.50	14.50	15.50	16.50	17.50	18.50	20.50
(RTJ)	mm	191	203	216	241	267	279	305	343	368	394	419	445	470	521
H	in	15.20	17.3	19.02	23.11	26.50	30.20	37.60	45.12	52.28	59.80	67.76	74.80	83.31	97.64
(Open)	mm	386	435	483	587	673	767	955	1146	1328	1519	1721	1900	2116	2480
D0	in	7.87	7.87	9.84	9.84	118.1	11.81	13.78	15.70	17.70	19.70	21.60	24.80	24.80	24.80
	mm	200	200	250	250	300	300	350	400	450	500*	550*	630*	630*	630*
WT	RF/RTJ	20	30	40	53	71	85	136	220	323	387	553	660	810	1250
(Kg)	BW	17	26	29	46	66	77	116	202	294	350	506	575	720	1130

* Manual gear operator is recommended

铸钢闸阀 Cast Steel Gate Valve

Class 300Lb



各部件材质 Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	闸板 Wedge	A216-WCB+CR13
4	阀杆 Stem	A182-F6a
5	阀座 Seat ring	A105+CR13
6	上密封座 Stem backseat	A276-420
7	密封垫 Bonnet gasket	SS 304+石墨(Graphite)
8	阀盖螺栓 Bonnet stud	A193-B7
9	阀盖螺母 Bonnet stud nut	A194-2H
10	填料 Packing	石墨(Graphite)
11	填料压套 Gland	A276-420
12	填料压板 Gland flange	A216-WCB
13	活结螺栓销 Eyebolt pin	碳钢(Carbon steel)
14	活结螺栓 Eyebolt	A193-B7
15	活结螺母 Eyebolt nut	A194-2H
16	油杯 Grease fitting	铜合金(Copper alloy)
17	阀杆螺母 Yokesleeve	A439-D2
18	轴承压盖 Yokesleeve jam nut	ANSI 1025
19	手轮 Handwheel	ASEM A395
20	手轮螺母 Handwheel nut	ANSI 1025

应用标准/Applicable standards

铸造闸阀符合API 600/API 6D标准
 铸造闸阀符合ISO 10434
 铸钢阀门符合 ASME B16.34标准
 结构长度符合 ASME B16.10标准
 法兰尺寸符合 ASME B 16.5标准
 对接焊符合 ASME B 16.25标准
 试验与检验符合 API 598/API 6D标准

Steel gate valves: API 600/API 6D
 Steel gate valves: ISO 10434
 Steel valves: ASME B16.34
 Face to face: ASME B16.10
 End flanges: ASME B16.5
 Butt welding ends: ASME B16.25
 Inspection and test: API 598/API 6D

设计描述/Design description

全通径设计 Full port design
 明杆支架 OS & Y, Outside screw and yoke
 螺栓连接 BB, Bolted bonnet
 弹性闸阀, 带导向 Flexible wedge, fully guided
 实心或裂开式闸板 Choice of solid or split wedge
 锻造T型阀杆 Forged T-head stem
 非升降式手轮 Non-rising handwheel

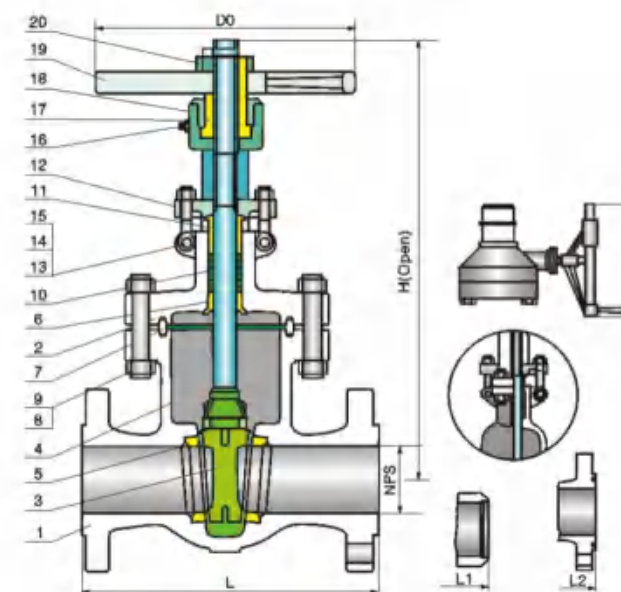
尺寸数据/Dimensions data

NPS DN	in mm	2 51	2-1/2 64	3 76	4 102	5 127	6 152	8 203	10 254	12 305	14 337	16 387	18 432	20 483
L-L1 (RF-BW)	in	8.50	9.50	11.12	12.00	15.00	15.88	16.50	18.00	19.75	30.00	33.0	36.00	39.00
	mm	216	241	283	305	381	403	419	457	502	762	838	914	991
L2 (RTJ)	in	3.12	10.12	11.74	12.62	15.62	16.50	17.12	18.62	20.37	30.62	33.62	36.62	39.75
	mm	232	257	298	321	397	419	435	473	518	778	854	930	1010
H (Open)	in	16.42	18.11	20.71	25.59	27.32	32.44	38.86	46.93	56.34	61.38	69.21	76.46	84.45
	mm	417	460	526	650	694	824	987	1192	1431	1559	1758	1942	2145
D0	in	7.87	7.87	9.84	9.84	11.81	13.78	15.75	17.70	19.69	21.60	24.80	24.80	24.80
	mm	200	200	250	250	300	350	400	450	500	550*	630*	630*	630*
WT (Kg)	RF/RTJ	30	39	55	83	92	137	240	333	536	699	1010	1205	1720
	BW	26	34	47	68	77	118	195	271	432	595	848	1025	1460

* Manual gear operator is recommended

铸钢闸阀 Cast Steel Gate Valve

Class 600Lb



各部件材质 Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	闸板 Wedge	A216-WCB+CR13
4	阀杆 Stem	A182-F6a
5	阀座 Seat ring	A105+CR13
6	上密封座 Stem backseat	A276-420
7	密封垫 Bonnet gasket	SS304+石墨(Graphite)
8	阀盖螺栓 Bonnet stud	A193-B7
9	阀盖螺母 Bonnet stud nut	A194-2H
10	填料 Packing	石墨(Graphite)
11	填料压套 Gland	A276-420
12	填料压板 Gland flange	A216-WCB
13	活结螺栓销 Eyebolt pin	碳钢(Carbon steel)
14	活结螺栓 Eyebolt	A193-B7
15	活结螺母 Eyebolt nut	A194-2H
16	油杯 Grease fitting	铜合金(Copper alloy)
17	阀杆螺母 Yokesleeve	A439-D2
18	轴承压盖 Yokesleeve jam nut	ANSI 1025
19	手轮 Handwheel	ASEM A395
20	手轮螺母 Handwheel nut	ANSI 1025

应用标准/Applicable standards

铸造闸阀符合API 600/API 6D标准
 铸造闸阀符合ISO 10434
 铸钢阀门符合 ASME B16.34标准
 结构长度符合 ASME B16.10标准
 法兰尺寸符合 ASME B 16.5标准
 对接焊符合 ASME B 16.25标准
 试验与检验符合 API 598/API 6D标准

Steel gate valves: API 600/API 6D
 Steel gate valves: ISO 10434
 Steel valves: ASME B16.34
 Face to face: ASME B16.10
 End flanges: ASME B16.5
 Butt welding ends: ASME B16.25
 Inspection and test: API 598/API 6D

设计描述/Design description

全通径设计 Full port design
 明杆支架 OS & Y, Outside screw and yoke
 螺栓连接 BB, Bolted bonnet
 弹性闸阀, 带导向 Flexible wedge, fully guided
 实心或裂开式闸板 Choice of solid or split wedge
 锻造T型阀杆 Forged T-head stem
 非升降式手轮 Non-rising handwheel

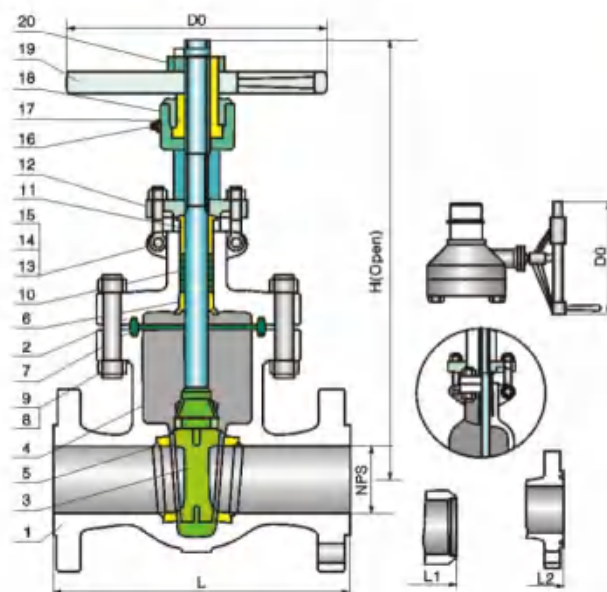
尺寸数据/Dimensions data

NPS DN	in mm	2 51	2-1/2 64	3 76	4 102	6 152	8 200	10 248	12 298	14 327	16 375	18 419	20 464
L-L1 (RF-BW)	in	11.50	130	14.00	17.00	22.0	26.00	31.00	33.00	35.00	39.00	43.00	47.00
	mm	292	330	356	432	559	660	787	838	889	991	1092	1194
L2 (RTJ)	in	11.62	13.12	14.12	17.12	22.12	26.12	31.12	33.12	35.12	39*.12	43.12	47.25
	mm	295	333	359	435	562	664	791	841	892	994	1095	1200
H (Open)	in	16.81	18.62	21.18	25.87	34.33	43.35	50.35	58.50	64.69	70.79	82.72	88.94
	mm	427	473	538	657	872	1101	1279	1486	1643	1798	2101	2259
D0	in	7.87	9.84	11.81	13.78	17.70	19.70	21.60	24.80	24.80	24.80	24.80	24.80
	mm	200	250	300	350	450	500	550	630*	630*	630*	630*	630*
WT (Kg)	RF/RTJ	41	58	88	131	253	413	623	784	1288	1820	2150	2540
	BW	35	50	68	104	208	326	496	637	1120	1448	1828	2201

* Manual gear operator is recommended

铸钢闸阀 Cast Steel Gate Valve

Class 900Lb



各部件材质 Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	闸板 Wedge	A216-WCB+CR13
4	阀杆 Stem	A182-F6a
5	阀座 Seat ring	A105+CR13
6	上密封座 Stem backseat	A276-420
7	密封垫 Bonnet gasket	SS304+石墨(Graphite)
8	阀盖螺栓 Bonnet stud	A193-B7
9	阀盖螺母 Bonnet stud nut	A194-2H
10	填料 Packing	石墨(Graphite)
11	填料压套 Gland	A276-420
12	填料压板 Gland flange	A216-WCB
13	活结螺栓销 Eyebolt pin	碳钢(Carbon steel)
14	活结螺栓 Eyebolt	A193-B7
15	活结螺母 Eyebolt nut	A194-2H
16	油杯 Grease fitting	铜合金(Copper alloy)
17	阀杆螺母 Yokesleeve	A439-D2
18	轴承压盖 Yokesleeve jam nut	ANSI 1025
19	手轮 Handwheel	ASEM A395
20	手轮螺母 Handwheel nut	ANSI 1025

应用标准/Applicable standards

铸钢闸阀符合API 600/API 6D标准
铸钢闸阀符合ISO 10434
铸钢阀门符合 ASME B16.34标准
结构长度符合 ASME B16.10标准
法兰尺寸符合 ASME B 16.5标准
对接焊符合 ASME B 16.25标准
试验与检验符合 API 598/API 6D标准

Steel gate valves: API 600/API 6D
Steel gate valves: ISO 10434
Steel valves: ASME B16.34
Face to face: ASME B16.10
End flanges: ASME B16.5
Butt welding ends: ASME B16.25
Inspection and test: API 598/API 6D

设计描述/Design description

全通径设计
明杆支架
螺栓连接
弹性闸阀, 带导向
实心或裂开式闸板
锻造T型阀杆
非升降式手轮

Full port design
OS & Y, Outside screw and yoke
BB, Bolted bonnet
Flexible wedge, fully guided
Choice of solid or split wedge
Forged T-head stem
Non-rising handwheel

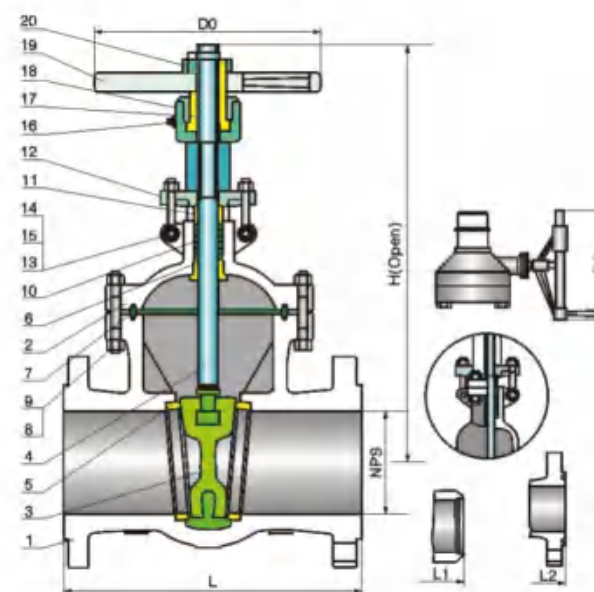
尺寸数据/Dimensions data

NPS DN	in mm	2 47	2-1/2 57	3 73	4 98	6 146	8 190	10 238	12 282	14 311	16 356
L-L1 (RF-BW)	in mm	14.50 368	16.50 419	15.00 381	18.00 457	24.00 610	29.00 737	33.00 838	38.00 965	40.50 1029	44.50 1130
L2 (RTJ)	in mm	14.62 371	16.62 422	15.12 384	18.12 460	24.12 613	29.12 740	33.12 841	38.12 968	40.88 1038	44.88 1140
H (Open)	in mm	21.54 547	27.56 700	25.51 648	28.70 729	40.98 1041	49.61 1260	62.60 1590	70.67 1795	79.72 2025	85.43 2170
D0	in mm	9.80 250	11.80 300	11.80 300	13.80 350	19.70 500	24.80 630*	24.80 630*	24.80 630*	24.80 630*	24.80 630*
WT (Kg)	RF/RTJ BW	90 82	110 93	123 108	148 122	420 359	650 566	1160 980	1700 1450	2300 2000	2750 2390

* Manual gear operator is recommended

铸钢闸阀 Cast Steel Gate Valve

Class 1500Lb



各部件材质 Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	闸板 Wedge	A216-WCB+CR13
4	阀杆 Stem	A182-F6a
5	阀座 Seat ring	A105+CR13
6	上密封座 Stem backseat	A276-420
7	密封垫 Bonnet gasket	软铁(Soft iron)
8	阀盖螺栓 Bonnet stud	A193-B7
9	阀盖螺母 Bonnet stud nut	A194-2H
10	填料 Packing	石墨(Graphite)
11	填料压套 Gland	A276-420
12	填料压板 Gland flange	A216-WCB
13	活结螺栓销 Eyebolt pin	碳钢(Carbon steel)
14	活结螺栓 Eyebolt	A193-B7
15	活结螺母 Eyebolt nut	A194-2H
16	油杯 Grease fitting	铜合金(Copper alloy)
17	阀杆螺母 Yokesleeve	A439-D2
18	轴承压盖 Yokesleeve jam nut	ANSI 1025
19	手轮 Handwheel	ASEM A395
20	手轮螺母 Handwheel nut	ANSI 1025

应用标准/Applicable standards

铸钢闸阀符合API 600/API 6D标准
铸钢闸阀符合ISO 10434
铸钢阀门符合 ASME B16.34标准
结构长度符合 ASME B16.10标准
法兰尺寸符合 ASME B 16.5标准
对接焊符合 ASME B 16.25标准
试验与检验符合 API 598/API 6D标准

Steel gate valves: API 600/API 6D
Steel gate valves: ISO 10434
Steel valves: ASME B16.34
Face to face: ASME B16.10
End flanges: ASME B16.5
Butt welding ends: ASME B16.25
Inspection and test: API 598/API 6D

设计描述/Design description

全通径设计
明杆支架
螺栓连接
弹性闸阀, 带导向
实心或裂开式闸板
锻造T型阀杆
非升降式手轮

Full port design
OS & Y, Outside screw and yoke
BB, Bolted bonnet
Flexible wedge, fully guided
Choice of solid or split wedge
Forged T-head stem
Non-rising handwheel

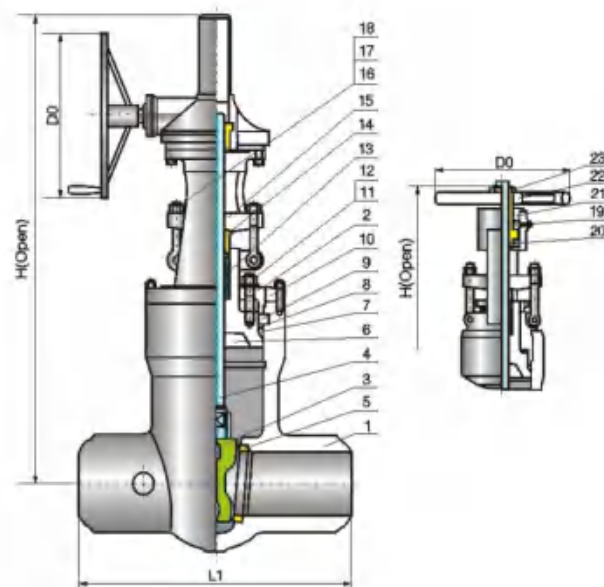
尺寸数据/Dimensions data

NPS DN	in mm	2 47	2-1/2 57	3 70	4 92	6 136	8 178	10 222	12 263	14 289	16 330
L-L1 (RF-BW)	in mm	14.50 368	16.50 419	18.50 470	21.50 546	27.75 705	32.75 832	39.00 991	44.50 1130	49.50 1257	54.50 1384
L2 (RTJ)	in mm	14.62 371	16.62 422	18.62 473	21.62 549	30.00 711	33.13 841	39.38 1000	45.12 1146	50.25 1276	55.38 1407
H (Open)	in mm	22.60 574	27.56 700	31.73 806	34.92 887	42.48 1079	53.94 1370	59.84 1520	65.00 1651	76.57 1945	88.58 2250
D0	in mm	11.80 300	11.80 300	13.80 350	15.75 400	21.70 550*	24.80 630*	24.80 630*	24.80 630*	24.80 630*	24.80 630*
WT (Kg)	RF/RTJ BW	117 93	175 144	240 185	337 285	680 584	1228 978	3260 2850	4100 3320	4100 3320	5960 4890

* Manual gear operator is recommended

压力自密封铸钢闸阀
Cast steel gate valve (pressure seal)

Class 1500Lb



各部件材质 Materials of parts

序号 No.	零件名称 Part name	材质 Material
1	阀体 Body	A216-WCB
2	支架 Yoke	A216-WCB
3	闸板 Wedge	A216-WCB+HF
4	阀杆 Stem	A182-F6a
5	阀座 Seat ring	A105+HF
6	阀盖 Bonnet	A105
7	密封垫 "Bonnet gasket"	SS 304
8	调节环 Adapter ring	碳钢 (Carbon steel)
9	四开环 Retainer	13 Cr
10	压板 Yoke cap	碳钢 (Carbon steel)
11	阀盖螺栓 Bonnet stud	A193-B7
12	阀盖螺母 Bonnet stud nut	A194-2H
13	填料 Packing	石墨 (Graphite)
14	填料压套 Gland	A276-420
15	填料压板 Gland flange	A216-WCB
16	活结螺栓销 Eyebolt pin	碳钢 (Carbon steel)
17	活结螺栓 Eyebolt	A193-B7
18	活结螺母 Eyebolt nut	A194-2H
19	油杯 Grease fitting	铜合金 (Copper alloy)
20	阀杆螺母 Yokesleeve	A439-D2
21	轴承压盖 Yokesleeve jam nut	碳钢 (Carbon steel)
22	手轮 Handwheel	ASEM A395
23	手轮螺母 Handwheel nut	ANSI 1025

应用标准/Applicable standards

铸造闸阀符合API 600/API 6D标准
Steel gate valves: API 600/API 6D
铸造闸阀符合ISO 10434
Steel gate valves: ISO 10434
铸钢阀门符合 ASME B16.34标准
Steel valves: ASME B16.34
结构长度符合 ASME B16.10标准
Face to face: ASME B16.10
法兰尺寸符合 ASME B 16.5标准
End flanges: ASME B16.5
对接焊符合 ASME B 16.25标准
Butt welding ends: ASME B16.25
试验与检验符合 API 598/API 6D标准
Inspection and test: API 598/API 6D

设计描述/Design description

压力密封上盖
Pressure seal cover
弹性闸板
Flexible gate
铸造T型阀杆
Casting T-stem
非升降式手轮
Non-lift-style hand wheel
法兰或对接形式
Flanged or welded form
手轮或伞齿轮操作
Hand wheel or bevel gear operation

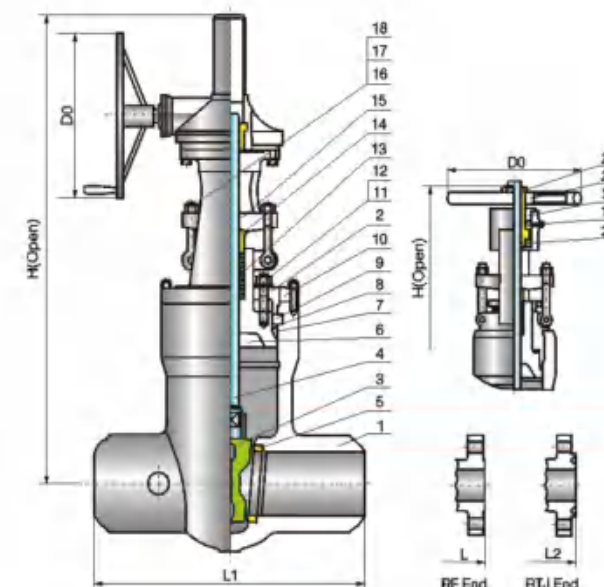
尺寸数据/Dimensions data

NPS DN	in mm	2 50	2 1/2 65	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400
L1 (BW)	in mm	8.50 216	10.00 254	12.00 305	16.00 406	22.00 559	28.00 711	34.00 864	39.00 991	42.00 1067	47.00 1194
L (RF)	in mm	14.50 368	16.50 419	18.50 470	21.50 546	27.75 705	32.75 832	39.00 991	44.50 1130	49.50 1257	54.50 1384
L2 (RTJ)	in mm	15.50 371	16.62 422	18.62 473	21.62 549	28.00 711	33.12 841	39.38 1000	45.12 1146	50.25 1276	55.38 1407
H (Open)	in mm	17.62 448	17.62 448	21.62 550	25.25 640	33.5 840	38.62 980	46.5 1180	62.25 1580	70.5 1790	78 1980
D0	in mm	11 280	11.80 300	14 350	15.70 400	19.70 500	18 460*	24 600*	24 600*	24 600*	24 600*
WT (Kg)	RF/RTJ BW	45 80	45 80	55 95	77 123	175 283	323 481	540 795	795 1148	1115 1626	1556 2195

* Manual gear operator is recommended

压力自密封铸钢闸阀
Cast steel gate valve (pressure seal)

Class 2500Lb



各部件材质 Materials of parts

序号 No.	零件名称 Part name	材质 Material
1	阀体 Body	A216-WCB
2	支架 Yoke	A216-WCB
3	闸板 Wedge	A216-WCB+HF
4	阀杆 Stem	A182-F6a
5	阀座 Seat ring	A105+HF
6	阀盖 Bonnet	A105
7	密封垫 "Bonnet gasket"	SS 304
8	调节环 Adapter ring	碳钢 (Carbon steel)
9	四开环 Retainer	13 Cr
10	压板 Yoke cap	碳钢 (Carbon steel)
11	阀盖螺栓 Bonnet stud	A193-B7
12	阀盖螺母 Bonnet stud nut	A194-2H
13	填料 Packing	石墨 (Graphite)
14	填料压套 Gland	A276-420
15	填料压板 Gland flange	A216-WCB
16	活结螺栓销 Eyebolt pin	碳钢 (Carbon steel)
17	活结螺栓 Eyebolt	A193-B7
18	活结螺母 Eyebolt nut	A194-2H
19	油杯 Grease fitting	铜合金 (Copper alloy)
20	阀杆螺母 Yokesleeve	A439-D2
21	轴承压盖 Yokesleeve jam nut	碳钢 (Carbon steel)
22	手轮 Handwheel	ASEM A395
23	手轮螺母 Handwheel nut	ANSI 1025

应用标准/Applicable standards

铸造闸阀符合API 600/API 6D标准
Steel gate valves: API 600/API 6D
铸造闸阀符合ISO 10434
Steel gate valves: ISO 10434
铸钢阀门符合 ASME B16.34标准
Steel valves: ASME B16.34
结构长度符合 ASME B16.10标准
Face to face: ASME B16.10
法兰尺寸符合 ASME B 16.5标准
End flanges: ASME B16.5
对接焊符合 ASME B 16.25标准
Butt welding ends: ASME B16.25
试验与检验符合 API 598/API 6D标准
Inspection and test: API 598/API 6D

设计描述/Design description

压力密封上盖
Pressure seal cover
弹性闸板
Flexible gate
铸造T型阀杆
Casting T-stem
非升降式手轮
Non-lift-style hand wheel
法兰或对接形式
Flanged or welded form
手轮或伞齿轮操作
Hand wheel or bevel gear operation

尺寸数据/Dimensions data

NPS DN	in mm	2 50	2 1/2 65	3 80	4 100	6 150	8 200	10 250	12 300
L1 (BW)	in mm	11.00 279	13.00 330	14.50 368	18.00 457	24.00 610	30.00 762	36.00 914	41.00 1041
L (RF)	in mm	17.75 451	20.00 508	22.75 578	26.50 673	36.00 914	40.25 1022	50.00 1270	56.00 1422
L2 (RTJ)	in mm	17.88 454	20.50 514	23.00 584	26.88 683	36.50 927	40.88 1038	50.88 1292	56.88 1445
H (Open)	in mm	22.5 570	22.5 570	25.62 650	30 760	36.62 930	41.38 1050	44.88 1140	60.25 1530
D0	in mm	11 280	11.80 300	14 350	15.70 400	18 460*	18 460*	24 600*	24 600*
WT (Kg)	RF/RTJ BW	110 165	110 195	150 235	176 316	380 635	575 910	980 1780	1570 2680

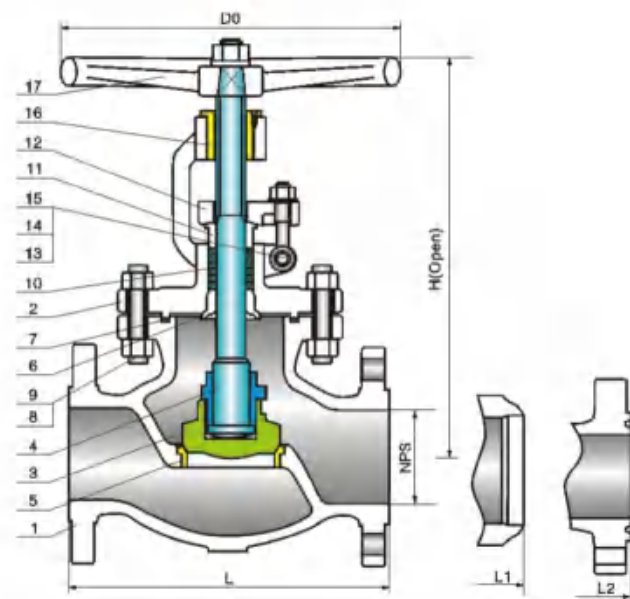
* Manual gear operator is recommended

铸钢截止阀 Cast Steel Globe Valve

Class 150Lb



凯维阀门集团
KAIWEI VALVE GROUP



各部件材质/Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	阀瓣 Disc	A105+CR13
4	阀杆 Stem	WCB-F6a
5	阀座 Seat ring	A105+Cr13
6	上密封阀座 Stem backseat	A276-420
7	阀盖垫片 Bonnet gasket	SS 304+石墨(Graphite)
8	阀盖螺栓 Bonnet stud	A193-B7
9	阀盖螺母 Bonnet stud nut	A194-2H
10	填料 Packing	石墨(Graphite)
11	填料压套 Gland	A276-420
12	填料压板 Gland flange	A216-WCB
13	活结螺栓销 Eyebolt pin	碳钢(Carbon steel)
14	活结螺栓 Eyebolt	A193-B7
15	活结螺母 Eyebolt nut	A194-2H
16	阀杆螺母 Yokesleeve	A439-D2
17	手轮 Handwheel	ASEM A395

应用标准/Applicable standards

铸钢截止阀符合 BS 1873
铸钢阀门符合ASME B 16.34标准
结构长度符合ASME 16.10标准
法兰尺寸符合ASME 16.5标准
对接焊符合ASME B 16.25标准
试验与检验符合 API 598标准

Steel globe valves: BS 1873
Steel valves: ASME B 16.34
Face to face: ASME B 16.10
End flanges: ASME B16.5
Butt welding ends: ASME B16.25
Inspection and test: API 598

设计描述/Design description

直通式阀体设计
明杆支架
螺栓连接
升降式阀杆和手轮
活动性阀瓣，旋塞/球形

Straight pattern body design
OS & Y, Outside screw and yoke
BB, Bolted bonnet
Rising stem and handwheel
Loose disc, choice of plug or ball

尺寸数据/Dimensions data

NPS DN	in mm	2 51	2-1/2 64	3 76	4 102	5 127	6 152	8 203	10* 254	12* 305	14* 337	16* 387
L-L1 (RF-BW)	in	8.00	8.50	9.50	11.50	14.00	16.00	19.50	24.50	27.50	31.00	36.00
	mm	203	216	241	292	356	406	495	622	698	787	914
L2 (RTJ)	in	8.50	9.00	10.00	12.00	14.50	16.50	20.00	25.00	28.00	31.50	36.50
	mm	216	229	254	305	368	419	508	635	711	800	927
H (Open)	in	13.43	14.45	14.76	19.02	21.14	20.35	23.23	29.69	37.05	42.72	38.03
	mm	341	367	375	483	537	517	590	754	941	1085	966
D0	in	7.87	9.84	9.84	11.81	11.81	13.78	15.75	17.72	25.20	25.20	27.56
	mm	200	250	250	300	300	350	400	450	640	640	700
WT (Kg)	R F	22	29	42	64	77	105	154	288	507	617	810
	B W	19	25	34	49	65	82	131	249	430	580	763

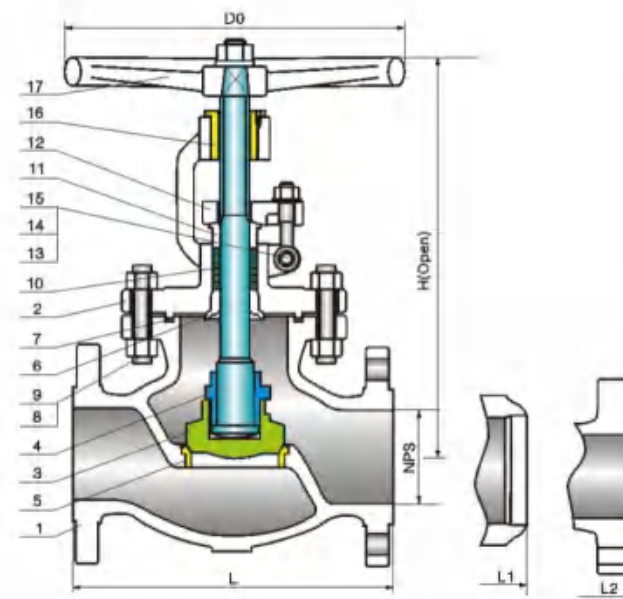
注：*表示介质流向是高进低出。(Note: show the medium flow is high into low out)

铸钢截止阀 Cast Steel Globe Valve

Class 300Lb



凯维阀门集团
KAIWEI VALVE GROUP



各部件材质/Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	阀瓣 Disc	WCB+CR13
4	阀杆 Stem	A182-F6a
5	阀座 Seat ring	A105+Cr13
6	上密封阀座 Stem backseat	A276-420
7	阀盖垫片 Bonnet gasket	SS 304+石墨(Graphite)
8	阀盖螺栓 Bonnet stud	A193-B7
9	阀盖螺母 Bonnet stud nut	A194-2H
10	填料 Packing	石墨(Graphite)
11	填料压套 Gland	A276-420
12	填料压板 Gland flange	A216-WCB
13	活结螺栓销 Eyebolt pin	碳钢(Carbon steel)
14	活结螺栓 Eyebolt	A193-B7
15	活结螺母 Eyebolt nut	A194-2H
16	阀杆螺母 Yokesleeve	A439-D2
17	手轮 Handwheel	ASEM A395

应用标准/Applicable standards

铸钢截止阀符合 BS 1873
铸钢阀门符合ASME B 16.34标准
结构长度符合ASME 16.10标准
法兰尺寸符合ASME 16.5标准
对接焊符合ASME B 16.25标准
试验与检验符合 API 598标准

Steel globe valves: BS 1873
Steel valves: ASME B 16.34
Face to face: ASME B 16.10
End flanges: ASME B16.5
Butt welding ends: ASME B16.25
Inspection and test: API 598

设计描述/Design description

直通式阀体设计
明杆支架
螺栓连接
升降式阀杆和手轮
活动性阀瓣，旋塞/球形

Straight pattern body design
OS & Y, Outside screw and yoke
BB, Bolted bonnet
Rising stem and handwheel
Loose disc, choice of plug or ball

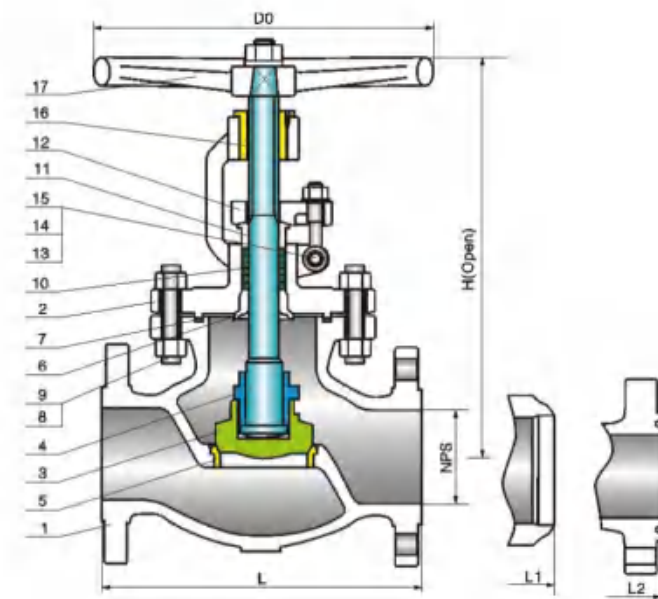
尺寸数据/Dimensions data

NPS DN	in mm	2 51	2-1/2 64	3 76	4 102	5 127	6* 152	8* 203	10* 254	12* 305
L-L1 (RF-BW)	in	10.50	11.50	12.50	14.00	15.75	17.50	22.00	24.50	28.00
	mm	267	292	318	356	400	444	559	622	711
L2 (RTJ)	in	11.12	12.12	13.12	14.62	16.37	18.12	22.62	25.12	28.62
	mm	283	308	333	371	416	460	575	638	727
H (Open)	in	13.74	14.80	16.93	19.13	22.05	24.33	36.89	37.36	39.17
	mm	349	376	430	486	560	618	937	949	995
D0	in	7.87	9.84	9.84	13.78	15.75	17.72	22.20	25.20	27.56
	mm	200	250	250	350	400	450	560	640	700
WT (Kg)	R F	31	43	57	86	130	168	280	385	724
	BW	26	38	44	68	110	138	228	329	618

注：*表示介质流向是高进低出。(Note: show the medium flow is high into low out)

铸钢截止阀 Cast Steel Globe Valve

Class 600Lb



各部件材质/Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	阀瓣 Disc	WCB+Cr13
4	阀杆 Stem	A182-F6a
5	阀座 Seat ring	A105+Cr13
6	上密封阀座 Stem backseat	A276-420
7	阀盖垫片 Bonnet gasket	SS 304+石墨(Graphite)
8	阀盖螺栓 Bonnet stud	A193-B7
9	阀盖螺母 Bonnet stud nut	A194-2H
10	填料 Packing	石墨(Graphite)
11	填料压套 Gland	A276-420
12	填料压板 Gland flange	A216-WCB
13	活结螺栓销 Eyebolt pin	碳钢(Carbon steel)
14	活结螺栓 Eyebolt	A193-B7
15	活结螺母 Eyebolt nut	A194-2H
16	阀杆螺母 Yokesleeve	A439-D2
17	手轮 Handwheel	ASEM A395

应用标准/Applicable standards

铸钢截止阀符合 BS 1873
铸钢阀门符合ASME B 16.34标准
结构长度符合ASME 16.10标准
法兰尺寸符合ASME 16.5标准
对接焊符合ASME B 16.25标准
试验与检验符合 API 598标准

Steel globe valves: BS 1873
Steel valves: ASME B 16.34
Face to face: ASME B 16.10
End flanges: ASME B16.5
Butt welding ends: ASME B16.25
Inspection and test: API 598

设计描述/Design description

直通式阀体设计
明杆支架
螺栓连接
升降式阀杆和手轮
活动性阀瓣, 旋塞/球形

Straight pattern body design
OS & Y, Outside screw and yoke
BB, Bolted bonnet
Rising stem and handwheel
Loose disc, choice of plug or ball

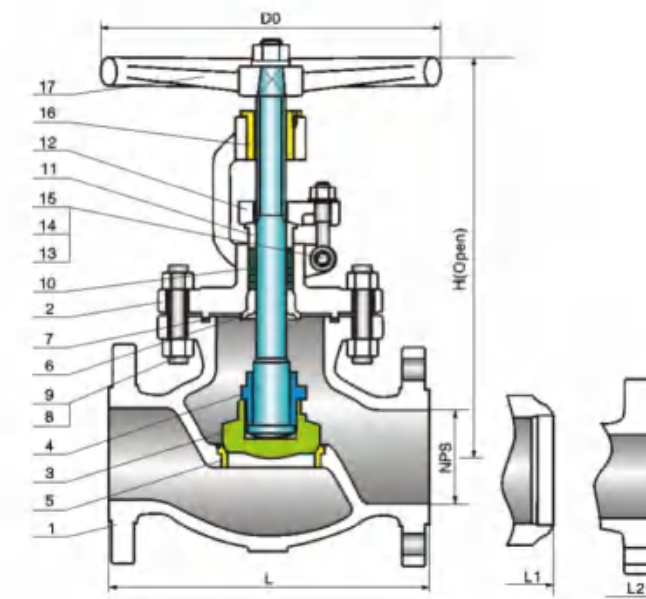
尺寸数据/Dimensions data

NPS DN	in mm	2 51	2-1/2 64	3 76	4 102	6* 152	8* 200	10* 248	12* 298
L-L1 (RF-BW)	in	11.50	13.00	14.00	17.00	22.00	26.00	31.00	33.00
	mm	292	330	356	432	559	660	787	838
L2 (RTJ)	in	11.62	13.12	14.12	17.12	22.12	26.12	31.12	33.12
	mm	295	333	359	435	562	664	791	841
H (Open)	in	16.73	19.76	20.51	24.41	34.88	36.69	40.94	50.39
	mm	425	502	521	620	886	932	1040	1280
D0	in	9.84	11.81	13.78	17.72	22.05	25.20	25.20	27.56
	mm	250	300	350	450	560	640	640	700
WT (Kg)	R F	39	58	73	120	327	482	700	900
	BW	33	48	61	95	261	385	588	795

注: *表示介质流向是高进低出。(Note: show the medium flow is high into low out)

铸钢截止阀 Cast Steel Globe Valve

Class 900Lb



各部件材质/Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	阀瓣 Disc	WCB+Cr13
4	阀杆 Stem	A182-F6a
5	阀座 Seat ring	A105+Cr13
6	上密封阀座 Stem backseat	A276-420
7	阀盖垫片 Bonnet gasket	SS 304+石墨(Graphite)
8	阀盖螺栓 Bonnet stud	A193-B7
9	阀盖螺母 Bonnet stud nut	A194-2H
10	填料 Packing	石墨(Graphite)
11	填料压套 Gland	A276-420
12	填料压板 Gland flange	A216-WCB
13	活结螺栓销 Eyebolt pin	碳钢(Carbon steel)
14	活结螺栓 Eyebolt	A193-B7
15	活结螺母 Eyebolt nut	A194-2H
16	阀杆螺母 Yokesleeve	A439-D2
17	手轮 Handwheel	ASEM A395

应用标准/Applicable standards

铸钢截止阀符合 BS 1873
铸钢阀门符合ASME B 16.34标准
结构长度符合ASME 16.10标准
法兰尺寸符合ASME 16.5标准
对接焊符合ASME B 16.25标准
试验与检验符合 API 598标准

Steel globe valves: BS 1873
Steel valves: ASME B 16.34
Face to face: ASME B 16.10
End flanges: ASME B16.5
Butt welding ends: ASME B16.25
Inspection and test: API 598

设计描述/Design description

直通式阀体设计
明杆支架
螺栓连接
升降式阀杆和手轮
活动性阀瓣, 旋塞/球形

Straight pattern body design
OS & Y, Outside screw and yoke
BB, Bolted bonnet
Rising stem and handwheel
Loose disc, choice of plug or ball

尺寸数据/Dimensions data

NPS DN	in mm	2 47	2-1/2 57	3 73	4* 98	6* 146	8* 190	10* 238
L-L1 (RF-BW)	in	14.50	16.50	15.00	18.00	24.00	29.00	33.00
	mm	368	419	381	457	610	737	838
L2 (RTJ)	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12
	mm	371	422	384	460	613	740	841
H (Open)	in	18.82	19.76	24.17	31.06	34.88	36.69	40.94
	mm	478	502	614	789	886	932	1040
D0	in	13.78	15.75	17.72	22.05	25.20	25.20	27.56
	mm	350	400	450	560	640	640	700
WT (Kg)	R F	100	118	131	218	452	710	870
	BW	75	94	105	185	340	630	690

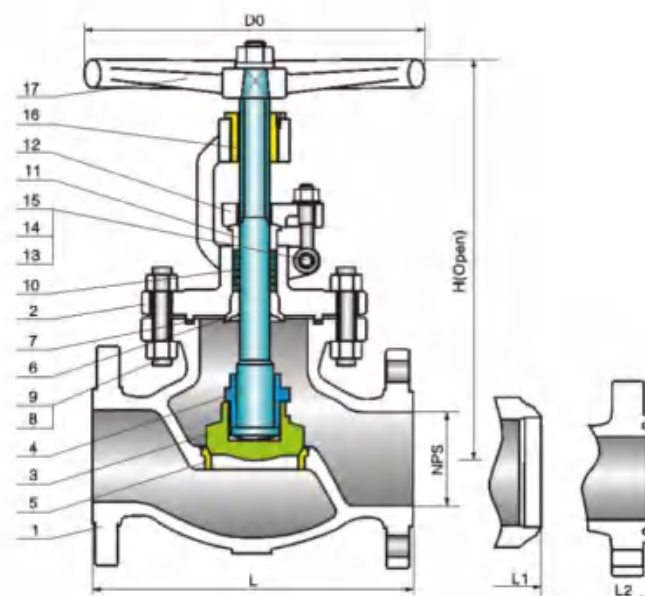
注: *表示介质流向是高进低出。(Note: show the medium flow is high into low out)

铸钢截止阀 Cast Steel Globe Valve

Class 1500Lb



凯维阀门集团
KAIWEI VALVE GROUP



各部件材质/Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	阀瓣 Disc	WCB+Cr13
4	阀杆 Stem	A182-F6a
5	阀座 Seat ring	A105+Cr13
6	上密封阀座 Stem backseat	A276-420
7	阀盖垫片 Bonnet gasket	SS 304+石墨(Graphite)
8	阀盖螺栓 Bonnet stud	A193-B7
9	阀盖螺母 Bonnet stud nut	A194-2H
10	填料 Packing	石墨(Graphite)
11	填料压套 Gland	A276-420
12	填料压板 Gland flange	A216-WCB
13	活结螺栓销 Eyebolt pin	碳钢(Carbon steel)
14	活结螺栓 Eyebolt	A193-B7
15	活结螺母 Eyebolt nut	A194-2H
16	阀杆螺母 Yokesleeve	A439-D2
17	手轮 Handwheel	ASEM A395

应用标准/Applicable standards

铸钢截止阀符合 BS 1873
铸钢阀门符合ASME B 16.34标准
结构长度符合ASME 16.10标准
法兰尺寸符合ASME 16.5标准
对接焊符合ASME B 16.25标准
试验与检验符合 API 598标准

Steel globe valves: BS 1873
Steel valves: ASME B 16.34
Face to face: ASME B 16.10
End flanges: ASME B16.5
Butt welding ends: ASME B16.25
Inspection and test: API 598

设计描述/Design description

直通式阀体设计
明杆支架
螺栓连接
升降式阀杆和手轮
活动性阀瓣, 旋塞/球形

Straight pattern body design
OS & Y, Outside screw and yoke
BB, Bolted bonnet
Rising stem and handwheel
Loose disc, choice of plug or ball

尺寸数据/Dimensions data

NPS DN	in mm	2 47	2-1/2 57	3 70	4* 92	6* 136	8* 178
L-L1 (RF-BW)	in	14.50	16.50	18.50	21.50	27.75	32.75
	mm	368	419	470	546	705	832
L2 (RTJ)	in	14.62	16.62	18.62	21.62	28.00	33.13
	mm	371	422	473	549	711	841
H (Open)	in	23.31	25.98	27.24	35.71	39.96	45.08
	mm	592	660	692	907	1015	1145
D0	in	13.78	15.75	17.72	22.05	25.20	27.56
	mm	350	400	450	560	640	700
WT (Kg)	RF	112	141	228	336	822	720
	BW	84	115	183	277	715	615

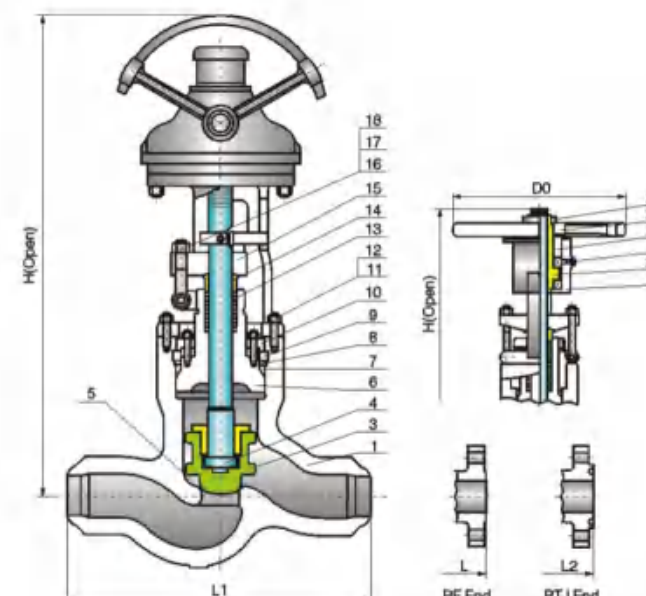
注: *表示介质流向是高进低出。(Note: show the medium flow is high into low out)

铸钢截止阀(压力自密封) Cast Steel Globe Valve (pressure seal)

Class 900Lb



凯维阀门集团
KAIWEI VALVE GROUP



各部件材质/Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	支架 Yoke	A216-WCB
3	阀瓣 Disc	A216-WCB+HF
4	阀杆 Stem	A182-F6a
5	阀座 Seat ring	A105+HF
6	阀盖 Bonnet	A105
7	密封垫"Bonnet gasket"	钢圈(Steel ring)
8	调节环 Adapter ring	碳钢(Carbon steel)
9	四开环 Retainer	2Cr13
10	压板 Yoke cap	碳钢(Carbon steel)
11	阀盖螺栓 Bonnet stud	A193-B7
12	阀盖螺母 Bonnet stud nut	A194-2H
13	填料 Packing	石墨(Graphite)
14	填料压套 Gland	A276-420
15	填料压板 Gland flange	A216-WCB
16	活结螺栓销 Eyebolt pin	碳钢(Carbon steel)
17	活结螺栓 Eyebolt	A193-B7
18	活结螺母 Eyebolt nut	A194-2H
19	油杯 Grease fitting	铜合金(Copper alloy)
20	阀杆螺母 Yokesleeve	A439-D2
21	轴承压盖 Yokesleeve jam nut	碳钢(Carbon steel)
22	手轮 Handwheel	ASEM A395
23	手轮螺母 Handwheel nut	ANSI 1025

应用标准/Applicable standards

铸钢截止阀符合 BS 1873
铸钢阀门符合ASME B 16.34标准
结构长度符合ASME 16.10标准
法兰尺寸符合ASME 16.5标准
对接焊符合ASME B 16.25标准
试验与检验符合 API 598标准

Steel globe valves: BS 1873
Steel valves: ASME B 16.34
Face to face: ASME B 16.10
End flanges: ASME B16.5
Butt welding ends: ASME B16.25
Inspection and test: API 598

设计描述/Design description

直通式阀体设计
明杆支架
压力自密封阀盖
活动性阀瓣, 旋塞/球形
法兰或对接形式
手轮或伞齿轮操作

Straight pattern body design
OS & Y, Outside screw and yoke
Choice of solid or split wedge
Loose disc, choice of plug or ball
Flanged or butt welding ends
Hand wheel or available with bevel gear operator

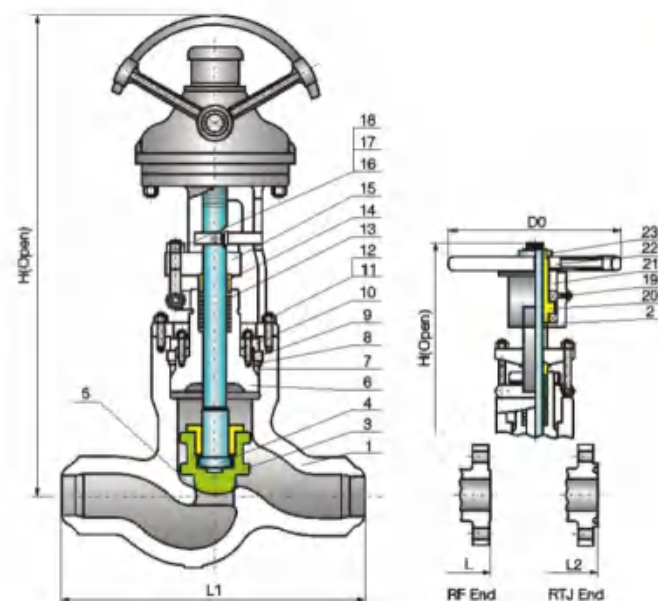
尺寸数据/Dimensions data

NPS DN	in mm	2 50	2 1/2 65	3 80	4 100	6 150	8 200	10 250	12 300
L1 (BW)	in	8.50	10.00	12.00	14.00	20.00	26.00	31.00	36.00
	mm	216	254	305	365	508	660	787	914
L (RF)	in	14.50	16.50	15.00	18.00	24.00	29.00	33.00	38.00
	mm	368	419	381	457	610	737	838	965
L2 (RTJ)	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12
	mm	371	422	384	460	613	740	841	968
H (Open)	in	22	22	22	27	36.38	43.38	50.62	57
	mm	557	557	557	685	925	1100	1285	1450
D0	in	15.75	15.75	15.75	15.75	27.56	27.56	35.40	35.40
	mm	400	400	400	400	700	700	900	900
WT (Kg)	BW	46	53	68	100	270	450	740	1150
	RF/RTJ	75	82	95	135	355	680	1050	1480

注: *表示介质流向是高进低出。(Note: show the medium flow is high into low out)

铸钢截止阀(压力自密封) Cast Steel Globe Valve (pressure Seal)

Class 1500Lb



各部件材质/Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	支架 Yoke	A216-WCB
3	阀瓣 Disc	A216-WCB+HF
4	阀杆 Stem	A182-F6a
5	阀座 Seat ring	A105+HF
6	阀盖 Bonnet	A105
7	密封垫 ¹⁾ Bonnet gasket ¹⁾	钢圈(Steel ring)
8	调节环 Adapter ring	碳钢(Carbon steel)
9	四开环 Retainer	2Cr13
10	压板 Yoke cap	碳钢(Carbon steel)
11	阀盖螺栓 Bonnet stud	A193-B7
12	阀盖螺母 Bonnet stud nut	A194-2H
13	填料 Packing	石墨(Graphite)
14	填料压套 Gland	A276-420
15	填料压板 Gland flange	A216-WCB
16	轴承压盖 Yokesleeve jam nut	碳钢(Carbon steel)
17	活结螺栓销 Eyebolt pin	A193-B7
18	活结螺栓 Eyebolt	A194-2H
19	活结螺母 Eyebolt nut	铜合金(Copper alloy)
20	油杯 Grease fitting	A439-D2
21	阀杆螺母 Yokesleeve	碳钢(Carbon steel)
22	手轮 Handwheel	ASEM A395
23	手轮螺母 Handwheel nut	ANSI 1025

应用标准/Applicable standards

铸钢截止阀符合 BS 1873
铸钢阀门符合ASME B 16.34标准
结构长度符合ASME 16.10标准
法兰尺寸符合ASME 16.5标准
对接焊符合ASME B 16.25标准
试验与检验符合 API 598标准

Steel globe valves: BS 1873
Steel valves: ASME B 16.34
Face to face: ASME B 16.10
End flanges: ASME B16.5
Butt welding ends: ASME B16.25
Inspection and test: API 598

设计描述/Design description

直通式阀体设计
明杆支架
压力自密封阀盖
活动性阀瓣, 旋塞/球形
法兰或对焊接形式
手轮或伞齿轮操作

Straight pattern body design
OS & Y, Outside screw and yoke
Choice of solid or split wedge
Loose disc, choice of plug or ball
Flanged or butt welding ends
Hand wheel or available with bevel gear operator

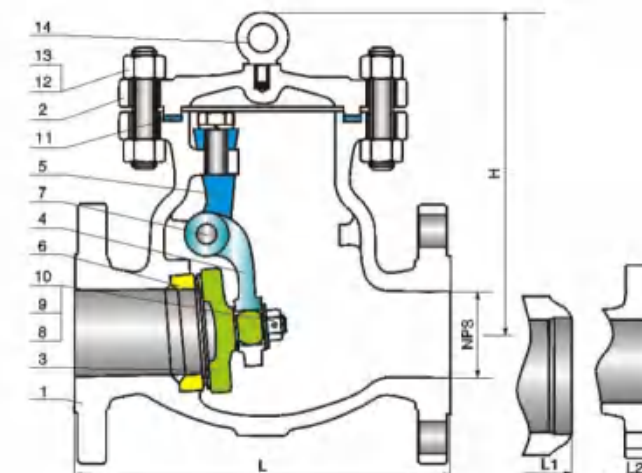
尺寸数据/Dimensions data

NPS DN	in mm	2 50	2-1/2 65	3 80	4* 100	6* 150	8* 200
L1 (BW)	in mm	8.50 216	10.00 254	12.00 305	14.00 356	20.00 508	26.00 660
L (RF)	in mm	14.50 368	16.50 419	15.00 381	18.00 457	24.00 610	29.00 737
L2 (RTJ)	in mm	14.62 371	16.62 422	15.12 384	18.12 460	24.12 613	29.12 740
H (Open)	in mm	22 557	22 557	22 557	27 685	36.38 925	43.38 1100
D0	in mm	15.75 400	15.75 400	15.75 400	15.75 400	27.56 700	27.56 700
WT (Kg)	BW RF/RTJ	46 75	53 82	68 95	100 135	270 355	450 680

注: *表示介质流向是高进低出。(Note: show the medium flow is high into low out)

铸钢止回阀 Cast Steel Check Valve

Class 150Lb



各部件材质/Materials of parts

序号 No.	零件名称Part name	碳钢 Carbon steel
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	阀瓣 Disc ¹⁾	A216-WCB+13Cr
4	摇杆 Hinge	A216-WCB
5	挂钩 Support	A216-WCB
6	阀座 Seat ring	A105+13Cr
7	销轴 Hinge pin	A276-420
8	垫片 Disc washer	13Cr
9	阀瓣螺母 Disc nut	SS 304
10	阀瓣螺栓销 Disc nut pin	SS 304
11	阀盖垫片 Bonnet gasket	SS 304+石墨(Graphite)
12	阀盖螺栓 Bonnet stud	A193-B7
13	阀盖螺母 Bonnet stud nut	A194-2H
14	吊环 Eyebolt ²⁾	碳钢(Carbon steel)

应用标准/Applicable standards

铸钢止回阀符合API 6D/BS1868标准
铸钢止回阀符合ISO 1413标准
结构长度符合ASME 16.10标准
法兰尺寸符合ASME B16.5标准
对接焊符合ASME B16.25标准
试验与检验符合 API 598/API 6D标准

Steel check valves, API 6D Bs1868
Steel check valves, ISO 14313
Face to face, ASME B 16.10
End flanges, ASME B16.5
Butt welding ends, ASME B16.25
Inspection and test, API 598/API 6D

设计描述/Design description

螺栓连接
旋启式(反向旋转阀瓣)
不可穿透性阀瓣轴
水平式或垂直式
法兰或对焊连接

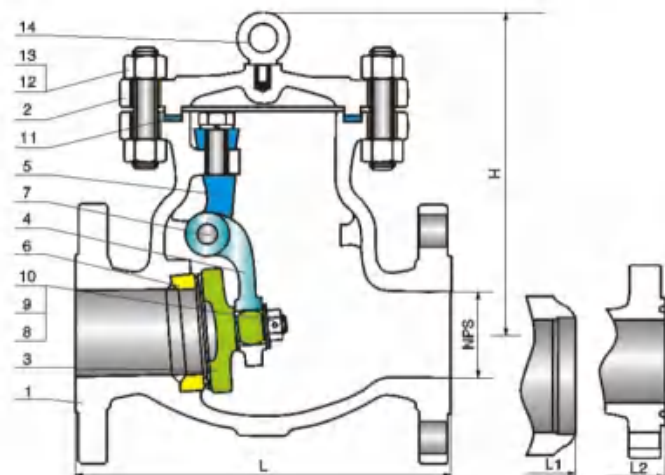
BB, Bolted bonnet, cap
Swing type, Anti-rotation disc
Non-penetrated disc shaft
Horizontal or vertical service
Flanged or butt welding ends

尺寸数据/Dimensions data

NPS DN	in mm	2 51	2-1/2 64	3 76	4 102	5 127	6 152	8 203	10 254	12 305	14 337	16 387	18 438	20 489	24 591
L-L1 (RF-BW)	in mm	8.00 203	8.50 216	9.50 241	11.50 292	13.00 330	14.00 356	19.50 495	24.50 622	27.50 698	31.00 787	34.00 864	38.50 978	38.50 978	51.00 1295
L2 (RTJ)	in mm	8.50 216	9.00 229	10.00 254	12.00 305	13.50 343	14.50 368	20.00 508	25.00 635	28.00 711	31.50 800	34.50 876	39.00 991	39.00 991	51.50 1308
H	in mm	5.31 135	6.10 155	6.61 168	9.37 235	9.80 249	10.91 277	13.35 339	15.67 398	20.67 525	21.77 553	22.99 584	26.30 688	28.03 712	29.13 740
WT (Kg)	RF BW	17 13	21 17	29 24	42 36	69 57	74 62	108 96	177 158	282 238	372 324	570 483	665 548	900 782	1359 1150

铸钢止回阀 Cast Steel Check Valve

Class 300Lb



各部件材质 Materials of parts

序号 No.	零件名称Part name	碳钢 Carbon steel
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	阀瓣 Disc ¹⁾	A216-WCB+13Cr
4	摇杆 Hinge	A216-WCB
5	挂钩 Support	A216-WCB
6	阀座 Seat ring	A105+13Cr
7	销轴 Hinge pin	A276-420
8	垫片 Disc washer	13Cr
9	阀瓣螺母 Disc nut	SS 304
10	阀瓣螺栓销 Disc nut pin	SS 304
11	阀盖垫片 Bonnet gasket	SS 304+石墨(Graphite)
12	阀盖螺栓 Bonnet stud	A 193-B7
13	阀盖螺母 Bonnet stud nut	A194-2H
14	吊环 Eyebolt ²⁾	碳钢(Carbon steel)

应用标准/Applicable standards

铸钢止回阀符合API6D/BS1868标准
铸钢止回阀符合ISO 1413标准
结构长度符合ASME 16.10标准
法兰尺寸符合ASME B16.5标准
对接焊符合ASME B16.25标准
试验与检验符合 API 598/API 6D标准

Steel check valves, API 6D Bs1868
Steel check valves, ISO 14313
Face to face, ASME B 16.10
End flanges, ASME B16.5
Butt welding ends, ASME B16.25
Inspection and test, API 598/API 6D

设计描述/Design description

螺栓连接
旋启式 (反向旋转阀瓣)
不可穿透性阀瓣轴
水平式或垂直式
法兰或对焊连接

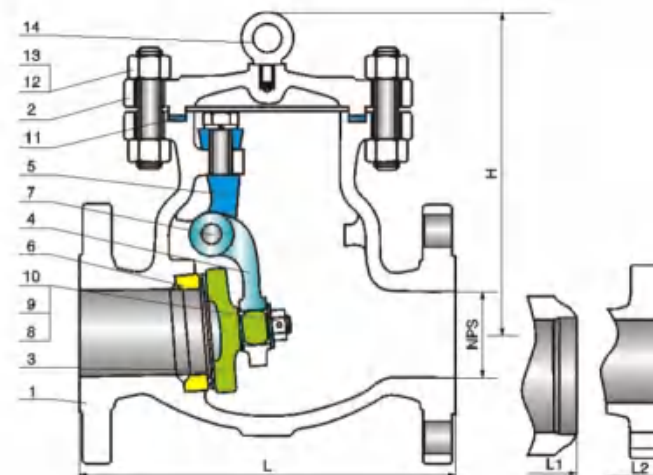
BB, Bolted bonnet, cap
Swing type, Anti-rotation disc
Non-penetrated disc shaft
Horizontal or vertical service
Flanged or butt welding ends

尺寸数据/Dimensions data

NPS DN	in	2	2-1/2	3	4	5	6	8	10	12	14	16	18	20	24
	mm	51	64	76	102	127	152	203	254	305	337	387	432	483	584
L-L1 (RF-BW)	in	10.50	11.50	12.50	14.00	15.75	17.50	21.00	24.50	28.00	33.00	34.00	38.50	40.00	53.00
	mm	267	292	318	356	400	444	533	622	711	838	864	978	1016	1346
L2 (RTJ)	in	11.12	12.12	13.12	14.62	16.37	18.12	21.62	25.12	28.62	33.62	34.62	39.12	40.75	53.88
	mm	283	308	333	371	416	460	549	638	727	854	880	994	1035	1368
H	in	6.22	6.57	7.40	10.20	11.06	12.56	15.79	19.02	21.85	23.03	24.21	25.31	26.81	27.95
	mm	158	167	188	259	281	319	401	483	555	585	615	643	681	710
WT (Kg)	R F	21	32	43	61	84	131	213	384	449	680	840	1025	1320	1960
	BW	16	24	35	44	61	105	167	272	375	560	710	828	1070	1586

铸钢止回阀 Cast Steel Check Valve

Class 600Lb



各部件材质 Materials of parts

序号 No.	零件名称Part name	碳钢 Carbon steel
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	阀瓣 Disc ¹⁾	A216-WCB+13Cr
4	摇杆 Hinge	A216-WCB
5	挂钩 Support	A216-WCB
6	阀座 Seat ring	A105+13Cr
7	销轴 Hinge pin	A276-420
8	垫片 Disc washer	13Cr
9	阀瓣螺母 Disc nut	SS 304
10	阀瓣螺栓销 Disc nut pin	SS 304
11	阀盖垫片 Bonnet gasket	SS 304+石墨(Graphite)
12	阀盖螺栓 Bonnet stud	A193-B7
13	阀盖螺母 Bonnet stud nut	A194-2H
14	吊环 Eyebolt ²⁾	碳钢(Carbon steel)

应用标准/Applicable standards

铸钢止回阀符合API6D/BS1868标准
铸钢止回阀符合ISO 1413标准
结构长度符合ASME 16.10标准
法兰尺寸符合ASME B16.5标准
对接焊符合ASME B16.25标准
试验与检验符合 API 598/API 6D标准

Steel check valves, API 6D Bs1868
Steel check valves, ISO 14313
Face to face, ASME B 16.10
End flanges, ASME B16.5
Butt welding ends, ASME B16.25
Inspection and test, API 598/API 6D

设计描述/Design description

螺栓连接
旋启式 (反向旋转阀瓣)
不可穿透性阀瓣轴
水平式或垂直式
法兰或对焊连接

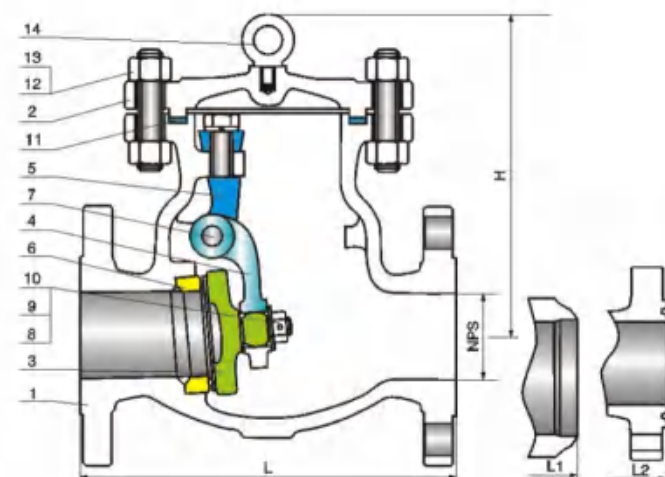
BB, Bolted bonnet, cap
Swing type, Anti-rotation disc
Non-penetrated disc shaft
Horizontal or vertical service
Flanged or butt welding ends

尺寸数据/Dimensions data

NPS DN	in	2	2-1/2	3	4	5	6	8	10	12	14	16	18	20	24
	mm	51	64	76	102	127	152	200	248	298	327	375	419	464	559
L-L1 (RF-BW)	in	11.50	13.00	14.00	17.00	20.00	22.00	26.00	31.00	33.00	35.00	39.00	43.00	47.00	55.00
	mm	292	330	356	432	508	559	660	787	838	889	991	1092	1194	1397
L2 (RTJ)	in	11.62	13.12	14.12	17.12	20.12	22.12	26.12	31.12	33.12	35.12	39.12	43.12	47.25	55.38
	mm	295	333	356	435	511	562	664	791	841	892	994	1095	1200	1407
H	in	7.76	8.15	9.09	11.06	12.56	14.25	17.20	19.39	20.79	22.52	25.98	28.35	29.37	37.80
	mm	197	207	231	281	319	362	437	490	528	572	660	720	746	960
WT (Kg)	R F	36	49	68	111	164	230	416	673	875	944	1220	1620	2120	3100
	BW	28	40	57	83	152	191	361	543	770	773	1015	1350	1750	2520

铸钢止回阀 Cast Steel Check Valve

Class 900Lb



各部件材质 Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	阀瓣 Disc ¹⁾	A216-WCB+13Cr
4	摇杆 Hinge	A216-WCB
5	挂钩 Support	A216-WCB
6	阀座 Seat ring	A105+13Cr
7	销轴 Hinge pin	A276-420
8	垫片 Disc washer	13Cr
9	阀瓣螺母 Disc nut	SS 304
10	阀瓣螺栓销 Disc nut pin	SS 304
11	阀盖垫片 Bonnet gasket	SS 304+石墨(Graphite)
12	阀盖螺栓 Bonnet stud	193-B7
13	阀盖螺母 Bonnet stud nut	A194-2H
14	吊环 Eyebolt ²⁾	碳钢(Carbon steel)

应用标准/Applicable standards

铸钢止回阀符合API6D/BS1868标准
铸钢止回阀符合ISO 1413标准
结构长度符合ASME 16.10标准
法兰尺寸符合ASME B16.5标准
对接焊符合ASME B16.25标准
试验与检验符合 API 598/API 6D标准

Steel check valves, API 6D Bs1868
Steel check valves, ISO 14313
Face to face, ASME B 16.10
End flanges, ASME B16.5
Butt welding ends, ASME B16.25
Inspection and test, API 598/API 6D

设计描述/Design description

螺栓连接
旋启式 (反向旋转阀瓣)
不可穿透性阀瓣轴
水平式或垂直式
法兰或对焊连接

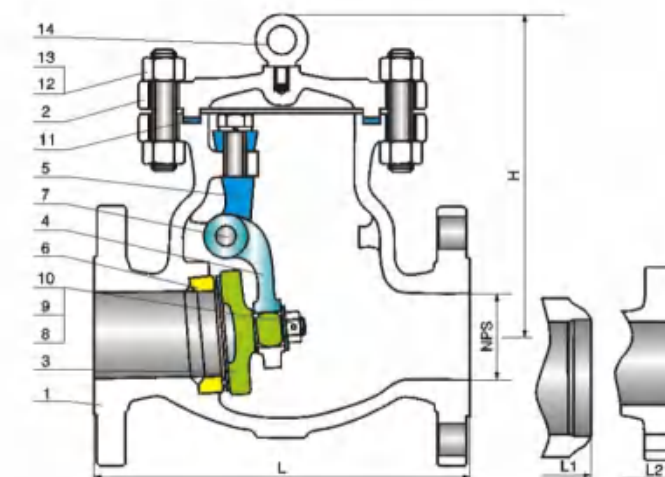
BB, Bolted bonnet, cap
Swing type, Anti-rotation disc
Non-penetrated disc shaft
Horizontal or vertical service
Flanged or butt welding ends

尺寸数据/Dimensions data

NPS DN	in	2	2-1/2	3	4	6	8	10	12	14	16
	mm	47	57	73	98	146	190	238	282	311	356
L-L1 (RF-BW)	in	14.50	16.50	15.00	18.00	24.00	29.00	33.00	38.00	40.50	44.50
	mm	368	419	381	457	610	737	838	965	1029	1130
L2 (RTJ)	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12	40.88	44.88
	mm	371	422	384	460	613	740	841	968	1038	1140
H	in	8.45	10.24	10.24	12.60	15.04	20.87	22.05	23.23	24.80	27.56
	mm	240	260	260	320	382	530	560	590	630	700
WT (Kg)	R F	69	93	91	145	259	565	900	1200	1500	2130
	BW	52	74	70	112	218	448	733	975	1240	1760

铸钢止回阀 Cast Steel Check Valve

Class 1500Lb



各部件材质 Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	阀盖 Bonnet	A216-WCB
3	阀瓣 Disc ¹⁾	A216-WCB+13Cr
4	摇杆 Hinge	A216-WCB
5	挂钩 Support	A216-WCB
6	阀座 Seat ring	A105+13Cr
7	销轴 Hinge pin	A276-420
8	垫片 Disc washer	13Cr
9	阀瓣螺母 Disc nut	SS 304
10	阀瓣螺栓销 Disc nut pin	SS 304
11	阀盖垫片 Bonnet gasket	软钢(soft iron)
12	阀盖螺栓 Bonnet stud	A193-B7
13	阀盖螺母 Bonnet stud nut	A194-2H
14	吊环 Eyebolt ²⁾	碳钢(Carbon steel)

应用标准/Applicable standards

铸钢止回阀符合API6D/BS1868标准
铸钢止回阀符合ISO 1413标准
结构长度符合ASME 16.10标准
法兰尺寸符合ASME B16.5标准
对接焊符合ASME B16.25标准
试验与检验符合 API 598/API 6D标准

Steel check valves, API 6D Bs1868
Steel check valves, ISO 14313
Face to face, ASME B 16.10
End flanges, ASME B16.5
Butt welding ends, ASME B16.25
Inspection and test, API 598/API 6D

设计描述/Design description

螺栓连接
旋启式 (反向旋转阀瓣)
不可穿透性阀瓣轴
水平式或垂直式
法兰或对焊连接

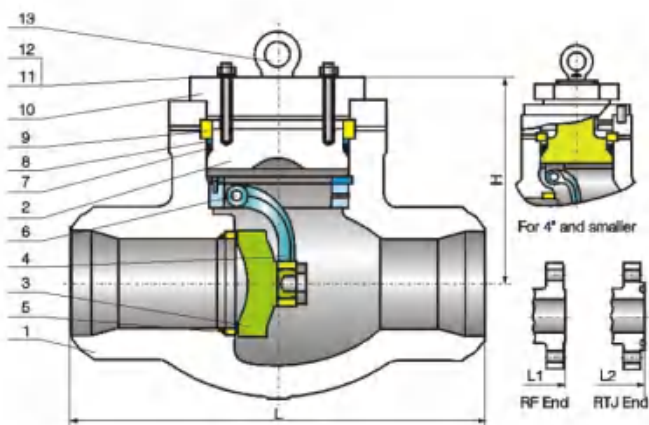
BB, Bolted bonnet, cap
Swing type, Anti-rotation disc
Non-penetrated disc shaft
Horizontal or vertical service
Flanged or butt welding ends

尺寸数据/Dimensions data

NPS DN	in	2	2-1/2	3	4	6	8	10	12
	mm	47	57	70	92	136	178	222	263
L-L1 (RF-BW)	in	14.50	16.50	18.50	21.50	27.75	32.75	39.00	44.50
	mm	268	419	470	546	705	832	991	1130
L2 (RTJ)	in	14.62	16.62	18.62	21.62	28.00	33.13	39.38	45.12
	mm	371	422	473	549	711	841	1000	1146
H	in	12.20	12.20	12.99	13.98	15.75	20.87	22.05	25.59
	mm	310	310	330	355	400	530	560	650
WT (Kg)	R F	69	93	140	232	490	990	1490	1970
	BW	49	74	111	185	375	803	1250	1625

铸钢旋启式止回阀(压力密封)
Cast Steel Swing Check Valve(Pressure seal)

Class 900Lb



各部件材质 Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	阀盖 Bonnet cap	A216-WCB
3	阀瓣 Disc	WCB+HF
4	摇杆 Hinge	A216-WCB
5	阀座 Seat ring	A105+HF
6	销轴 Hinge pin	A276-420
7	密封垫 Bonnet gasket	软钢(soft iron)
8	调节环 Adapter ring	碳钢(Carbon steel)
9	四开环 Retainer	碳钢(Carbon steel)
10	压盖 Bonnet clamp	碳钢(Carbon steel)
11	压盖螺栓 Bonnet stud	A193-B7
12	压盖螺母 Bonnet stud nut	A194-2H
13	吊环 Eyebolt	碳钢(Carbon steel)

应用标准/Applicable standards

铸钢止回阀符合API6D/BS1868标准
铸钢止回阀符合ISO 1413标准
结构长度符合ASME 16.10标准
法兰尺寸符合ASME B16.5标准
对接焊符合ASME B16.25标准
试验与检验符合 API 598/API 6D标准

Steel check valves, API 6D Bs1868
Steel check valves, ISO 14313
Face to face, ASME B 16.10
End flanges, ASME B16.5
Butt welding ends, ASME B16.25
Inspection and test, API 598/API 6D

设计描述/Design description

压力密封上盖
旋启式 (反向旋转阀瓣)
不可穿透性阀瓣轴
水平式或垂直式
法兰或对焊连接

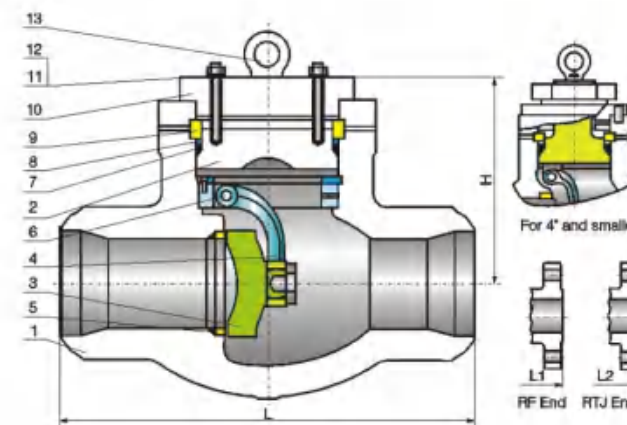
PSB, Pressure seal cover
Swing (reverse rotary valve flap)
Non-penetrating valve flap shaft
Horizontal or vertical type
Flanged or welded connections

尺寸数据/Dimensions data

NPS DN	in mm	2 50	2 1/2 65	3 80	4 100	6 150	8 200	10 250	12 300	14 350	16 400
L (BW)	in	8.50	10.00	12.00	14.00	20.00	26.00	31.00	36.00	39.00	43.00
	mm	216	254	305	365	508	660	787	914	991	1092
L1 (RF)	in	14.50	16.50	15.00	18.00	24.00	29.00	33.00	38.00	40.5	44.5
	mm	368	419	381	457	610	737	838	965	1029	1130
L2 (RTJ)	in	14.62	16.62	15.12	18.12	24.12	29.12	33.12	38.12	40.38	44.88
	mm	371	422	384	460	613	740	841	968	1038	1140
H	in	9.50	9.50	10.00	13.38	15.75	18.12	21.62	24.00	27.00	29.50
	mm	240	240	255	340	400	460	550	610	685	750
WT (Kg)	BW	22	34	38	71	176	485	761	1125	1345	1490
	RF/RTJ	44	55	61	116	255	630	940	1433	1710	1820

铸钢旋启式止回阀(压力密封)
Cast Steel Swing Check Valve(Pressure seal)

Class 1500Lb



各部件材质 Materials of parts

序号 No.	零件名称Part name	材质 Material
1	阀体 Body	A216-WCB
2	阀盖 Bonnet cap	A216-WCB
3	阀瓣 Disc	WCB+HF
4	摇杆 Hinge	A216-WCB
5	阀座 Seat ring	A105+HF
6	销轴 Hinge pin	A276-420
7	密封垫 Bonnet gasket	软钢(soft iron)
8	调节环 Adapter ring	碳钢(Carbon steel)
9	四开环 Retainer	碳钢(Carbon steel)
10	压盖 Bonnet clamp	碳钢(Carbon steel)
11	压盖螺栓 Bonnet stud	A193-B7
12	压盖螺母 Bonnet stud nut	A194-2H
13	吊环 Eyebolt	碳钢(Carbon steel)

应用标准/Applicable standards

铸钢止回阀符合API6D/BS1868标准
铸钢止回阀符合ISO 1413标准
结构长度符合ASME 16.10标准
法兰尺寸符合ASME B16.5标准
对接焊符合ASME B16.25标准
试验与检验符合 API 598/API 6D标准

Steel check valves, API 6D Bs1868
Steel check valves, ISO 14313
Face to face, ASME B 16.10
End flanges, ASME B16.5
Butt welding ends, ASME B16.25
Inspection and test, API 598/API 6D

设计描述/Design description

压力密封上盖
旋启式 (反向旋转阀瓣)
不可穿透性阀瓣轴
水平式或垂直式
法兰或对焊连接

PSB, Pressure seal cover
Swing (reverse rotary valve flap)
Non-penetrating valve flap shaft
Horizontal or vertical type
Flanged or welded connections

尺寸数据/Dimensions data

NPS DN	in mm	2 50	2 1/2 65	3 80	4 100	6 150	8 200	10 250	12 300	14 350
L (BW)	in	8.50	10.00	12.00	16.00	22.00	28.00	34.00	39.00	42.00
	mm	216	254	305	406	559	711	864	991	1067
L1 (RF)	in	14.50	16.50	18.50	21.50	27.75	32.75	39	44.5	49.5
	mm	368	419	470	546	705	832	991	1130	1257
L2 (RTJ)	in	14.62	16.62	18.62	21.62	28.00	33.12	39.38	45.12	50.25
	mm	371	422	473	549	711	842	1000	1146	1276
H	in	9.50	9.50	11.88	15.38	18.00	20.62	24.00	27.00	30.00
	mm	240	240	300	390	455	525	610	685	760
WT (Kg)	BW	22	37	45	78	245	530	815	1213	1555
	RF/RTJ	44	61	110	155	378	675	1160	1710	2315



Ball Valve Series

球阀系列

浮动球阀结构与特点 Floating Ball Valve Features

美标球阀特点/Characteristics of API ball valve

- ① 产品的设计, 制造符合美国国家标准ANSI B16.34, 美国石油学会标准API 608、API 6D要求。
 - ② 所有阀门流体阻力最小。
 - ③ 开阀速度快只旋90° 即可完成开关。
 - ④ 阀座材料采用聚四氟乙烯或增强四氟乙烯, 摩擦系数小密封可靠启闭轻松。
 - ⑤ 球体在阀座之间的运动带有擦拭作用, 故可适用带悬浮颗粒的介质。
 - ⑥ 阀杆带有上密封, 并采用倒装式结构, 可防止在介质压力作用下阀杆冲击。
 - ⑦ 根据用户需要可设有防静电, 耐火和防止误操作的锁定机构。
 - ⑧ 根据开闭力的需要球体可浮动球或固定球, 固定球阀其阀座地浮动的, 依靠介质压力在阀座上产生的活塞效应实现密封, 减轻了开闭力。
- ① Design and manufacture of product according to American state standard ANSI B16.34, American petroleum institute standard API 608 API 6D require.
② Liquid resistance smallest.
③ Speed of open valve only turn on 90 degree may finish open and close.
④ Seat material use teflon or R-teflon low friction seal logical open and close light.
⑤ To ward of ball on the middle of tow seat has wipe function so may suitable medium for suspend granule.
⑥ Stem use back seal and hyper batic structre which may prevent medium to striking on the condition of pressure.
⑦ According to need of consumer may design locked organ anti-static, fire-safe and prevent wrong operator.
⑧ Body of ball has float and trunning on ball accordance which need of strength for opening and closing, seat of trunning on ball valve is float and depend on piston seffce on the seat realize seal ease strength of open and close.

标准STD(防火、防静电、Fire-droof、electricity protect)

球阀类型 Ball valve Type	设计与制造 Design And Manufacture	结构长度 Face to face / End to end	法兰尺寸 Flange Dimension	压力-温度 Pressure Temperature Lating	试验-检验 Inspection and test
浮动式法兰球阀 Split flange ball valve 固定式法兰球阀 fixed flange ball valve 三通球阀 上装式球阀 偏心球阀	BS 5351 API 6D API 608	ANSI B16.10 API 6D	ANSI B16.5a ANSI B16.47	ANSI B16.34	API 598 API 6D

压力试验/Pressure test

公称压力 PN(Mpa)	强度试验 Shell Test		水密封试验 Water Seal Test		气密封试验 Air Seal Test	
	MPa	Lbf/in ²	MPa	Lbf/in ²	MPa	Lbf/in ²
150	3.0	425	2.2	300	0.6~1.0	80~100
300	7.5	1100	5.5	800		
600	15.00	2175	11.0	1600		

主要材料 Main material

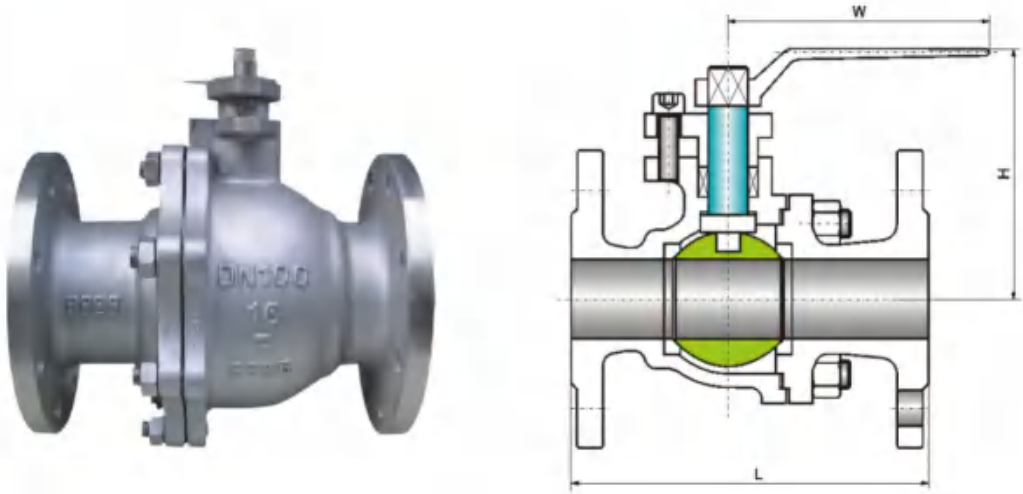
壳体材料	内件材料	密封材料	垫片、填料
WCB, LCB, CF8, CF8M	410, 420, 304, 316, 321	PTFE, RPTFE, PEEK, PPL	柔性石墨, PTFE, PPL

备注: 1. 若选用PPL阀座, 适用温度不超过300℃, 代号“F”变为“Fs”。例如: Q41Fs。
2. 要求防火结构, 设计标准参照API 607。
3. 要求设计为防静电结构。
Note: 1. If choose the PPL valve base, the suitable temperature is not over 300℃, the code F turns into Fs. For example: Q41Fs.
2. Requiring the fire-proof structure, the design standard refers to API 607.
3. Requiring the design is static electricity proof structure.

铸钢浮动球阀材质
Cast Floating Ball Valve



3 H
Q641F 型 PN1.6-10.0MPa
9 Y



主要技术规范

- 1、设计、制造按 GB12237-89,API608, API6D,SB5351
 - 2、结构长度按 GB12221-89,ANSI B16.10, API6D
 - 3、连接法兰: JB79-94, ANSI 16.5
 - 4、阀门检查和试验按 API STD.598 API598,API6D,GB/T9092
1. Design manufacture according to GB12237-89,API608, API6D,SB5351
 2. Face to face according to GB12221-89,ANSI B16.10, API6D
 3. End flange dimension according to JB79-94, ANSI 16.5
 4. Valve check and test according to API STD.598 API598,API6D,GB/T9092

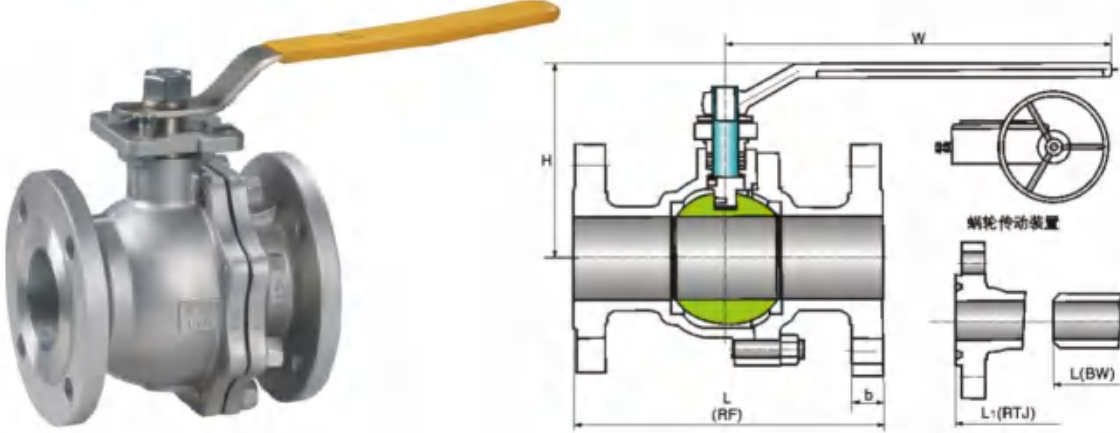
主要零件材料 Main parts and materials

序号 No.	材料标准 Material standard	材料牌号 Standard				序号 No.	材料标准 Material standard	材料牌号 Standard			
		碳钢 Carbon steel		不锈钢 Stainless steel				碳钢 Carbon steel		不锈钢 Stainless steel	
		GB	ASTM	GB	ASTM			GB	ASTM	GB	ASTM
零件名称 Parts name						零件名称 Parts name					
01	阀体 Body	WCB	A216-WCB	ZG1Cr18Ni9Ti ZG1Cr18Ni12Mo2Ti	CF8/CF8M/ CF3/CF3M	10	密封圈 gasket	PTFE			
02	阀盖 Bonnet	WCB	A216-WCB	ZG1Cr18Ni9Ti ZG1Cr18Ni12Mo2Ti	CF8/CF8M/ CF3/CF3M	11	阀杆 Stem	2Cr13	A276-420	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L
03	双头螺柱 Sutd	35CrMoA	A193-B7	1Cr17Ni2	A193-B8M	12	中道垫片	金属夹石墨 Wafer metal and graphite		PTFE	
04	螺母 Nut	45	A194-2H	0Cr18Ni	A194-8M	13	填料 pscking	石墨 Garaphite		PTFE	
05	垫圈 Gasket	金属夹石墨 Wafer metal and graphite				14	填料压环 Stuffing ring	2Cr13	A276-420	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L
06	球体 Ball	2Cr13渗氮	A276-420渗氮	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L 渗氮	15	填料压盖 Gland	WCB	A216-WCB	ZG1Cr18Ni9Ti ZG1Cr18Ni12Mo2Ti	CF8/CF8M/ CF3/CF3M
07	阀座 Seat	2Cr13渗氮	A276-420渗氮	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L 渗氮	16	螺钉 Screw nail	35CrMoA	A193-B7	1Cr17Ni2	A193-B8M
08	阀座支承圈 Seat retainer	2Cr13	A276-420	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	17	定位板 Locating piece	Q235	1025	1Cr18Ni9Ti	304
09	阀座弹簧 Seat spring	17-7PH	17-7PH	17-7PH	17-7PH						

铸钢美标浮动球阀
Cast Full-welded Underground Ball Valves



3 H
Q641F 型 150Lb~600Lb
9 Y



主要外形尺寸 Main outline size

ANSI Class 150													
尺寸 Dimension	inch	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"
	DN	15	20	25	40	50	65	80	100	125	150	200	250
L	mm	108	117	127	165	178	190	203	229	256	394	457	533
H	mm	59	63	75	97	107	142	152	178	252	272	342	345
W	mm	130	130	160	230	230	400	400	700	1100	1100	1500	1500
ANSI Class 300													
尺寸 Dimension	inch	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"
	DN	15	20	25	40	50	65	80	100	125	150	200	1250
L	mm	140	152	165	190	216	241	283	305	381	403	502	568
H	mm	59	63	75	97	107	142	152	178	252	272	342	345
W	mm	130	130	160	230	230	400	400	700	1100	1100	1500	1500
ANSI Class 600													
尺寸 Dimension	inch	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"
	DN	15	20	25	40	50	65	80	100	125	150	200	250
L	mm	165	190	216	241	292	330	356	432	508	559	660	787
H	mm	59	63	75	97	107	142	152	178	252	-	-	-
W	mm	160	160	230	400	700	700	700	1100	1100	-	-	-

PN1.6MPa 主要外形尺寸 Main connection dimensions

公称通径DN	15	20	25	32	40	50	65	80	100	125	150	200
L	130	140	150	165	180	200	220	250	280	320	360	400
H	59	63	75	85	95	107	142	152	178	252	272	342
W	130	130	160	180	230	230	400	400	650	1050	1050	1410

PN2.5MPa 主要外形尺寸 Main connection dimensions

公称通径DN	15	20	25	32	40	50	65	80	100	125	150	200
L	130	140	150	165	180	200	220	250	320	400	400	550
H	59	63	75	97	107	142	152	178	252	272	342	345
W	130	130	160	230	230	400	400	700	1100	1100	1500	1500

PN4.0MPa 主要外形尺寸 Main connection dimensions

公称通径DN	15	20	25	32	40	50	65	80	100	125	150	200
L	130	140	150	180	200	220	250	280	320	400	400	550
H	59	63	75	97	107	142	152	178	252	272	342	345
W	130	130	160	230	230	400	400	700	1100	1100	1500	1500

PN6.4MPa 主要外形尺寸 Main connection dimensions

公称通径DN	15	20	25	32	40	50	65	80	100	125	150	200
L	165	190	216	229	241	292	330	356	432	508	559	660
H	59	63	75	97	107	142	152	178	252	272	305	398
W	130	130	160	230	230	400	400	700	1000	1100	1500	1800

PN10.0MPa 主要外形尺寸 Main connection dimensions

公称通径DN	15	20	25	32	40	50	65	80	100	125	150	200
L	165	190	216	229	241	292	330	356	432	508	559	660
H	59	63	75	97	107	142	152	178	252	272	305	398
W	130	130	160	230	230	400	400	700	1000	1100	1500	1800

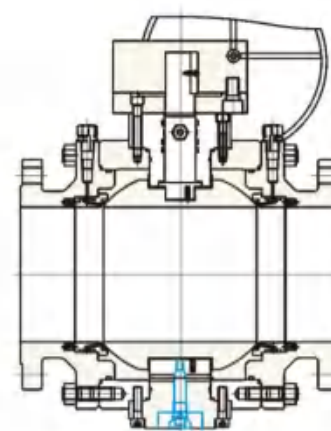
结构/功能/特点 Construction/ Function/ Features

一、全通径设计

按照客户的要求可以提供全通径或缩径阀门，全通径阀门具有与管子内径完全一致的通道直径，减少节流便于清扫管道。

One, Full bore design

According to the customer's demand, the full bore or the reduced bore can be provided. The full-bore valve has the diameter of channel completely equal to the inner diameter of pipe to facilitate to clean the pipe.

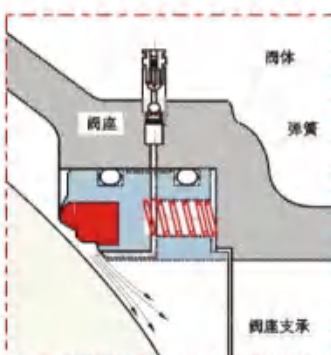


三、阻塞与排泄功能

固定球阀采用弹簧预紧，阀座密封为双活塞，利用活塞原理密封，上下游侧的阀座使流体阻断，阀体中腔装放空阀排空，阀底装有排污阀排污，便于管道清洗。

Three, Block & Bleed Function

Fixed ball valve adopts spring to pre-tighten. And seat seal is double pistons. It adopts piston principle to seal. Upstream and downstream seats make fluid stop. And the emptying valve installed on the middle cavity is used to empty and the blow down valve installed at the bottom of valve to clear off dirt to facilitate to clean the pipe.



五、自动泄压

阀门中腔停滞的介质由于温度升高而出现异常升压时，阀座出口端具有自动泄压功能，同时根据需要，阀体上可装安全阀，保证阀体具有自动泄压功能，确保管道安全。

Five, Automatic relief

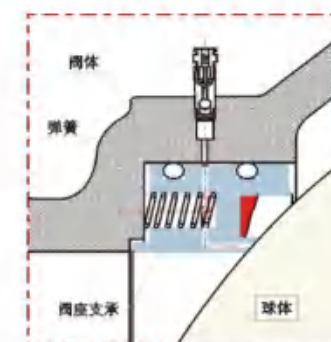
When the medium in the middle cavity unusually raises pressure for the rising of temperature, outlet of seat has automatic relief function. At the same time, according to the demands, the safety valve can be installed on the body to ensure the automatic relief function of body, so that the pipe can be safe.

二、防火结构

万一发生火灾或异常升温使PTFE软化烧损时，阀座支承圈防火密封面可以和球体接触，起到密封作用且符合API607和API6FA规范要求。

Two, Fire-proof structure

When the fire happens or the temperature unusually rises to make PTFE soften to damage, the fireproof seal surface of seat supported circle can contact with ball to have seal function. This conforms to the requirements of API 607 and API6FA.

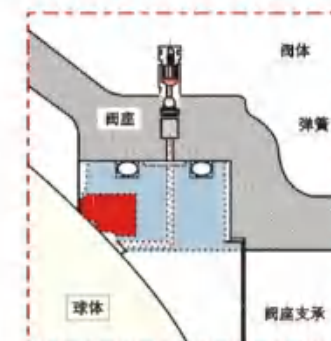


四、密封的紧急救护

由于介质中的杂质或火灾造成阀座密封意外失败，注脂阀提供了与注脂枪的快速连接，方便快捷地将密封脂注入到阀座密封部位，缓解泄漏。

Four, Urgent help of seal

Due to the dirt or fire make unusual failure of seat seal, sealant-injection valve provide the quick connection with sealant-injection gun. And it is convenient to inject seal grease into the seal part of seat to reduce leakage.

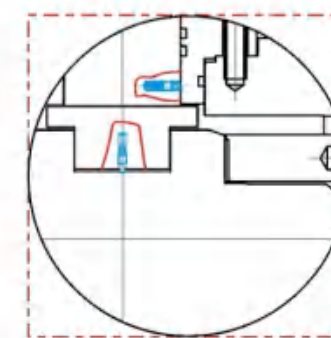


六、防静电设计

采用铬镍不锈钢的弹簧和小球使球体、阀杆和阀体之间相互导电，从而把静电完全释放。

Six, Anti-static design

Chrome and nickel stainless steel spring and small ball are adopted to make electroconductive among ball, Stem and body to completely release static.



固定球阀结构与特点
Constructions & Features Of Fixed Ball Valve



七、操作的可靠性

大口径球阀的相对连动部(阀座和阀杆轴承)由于采用了低摩擦系数小的特氟龙,因而操作扭矩小,此外,由于密封润滑脂的长期产润滑,使得操作更加灵活。

Seven、Operational Reliability

For large ball valve, the TFE is adopted for seat and stem bearing, the relative movement at bearing portion requires less operational torque force because of less friction of the TFE. In addition, the long time lubrication of the sealants makes the operation more effective.

八、阀座结构

阀座的结构有两种:单密封和双密封结构,一般具有自动泄压机能的是单密封,双密封则由阀体上附加的安全泄压。

Eight、Seat design

There are two kinds of seat design, single seal and double seal. The former normally has self relief function, the latter relieves the pressure through the safety valve on the body.

九、阀杆加长

填杆加长适于埋地及低温用,加长尺寸根据需要确定,操作方式有手动、气动、电动、气液连动等。

Nine、Extended Stem

The extended stem is designed for underground and low temperature service. The length of stem depends on the service requirement. The operation methods include manual pneumatic-hydraulic etc.

十、阀杆压盖部密封

填料压盖部密封如图所示采用了四个O型圈和密封注脂装置。

Ten、Sealing Of Stem Gland

As shown in figure, the sealing of gland is accomplished by arrangement of four o-rings and a sealant injection device.



固定球阀材质
Trunnion-mounted Ball Valve Material



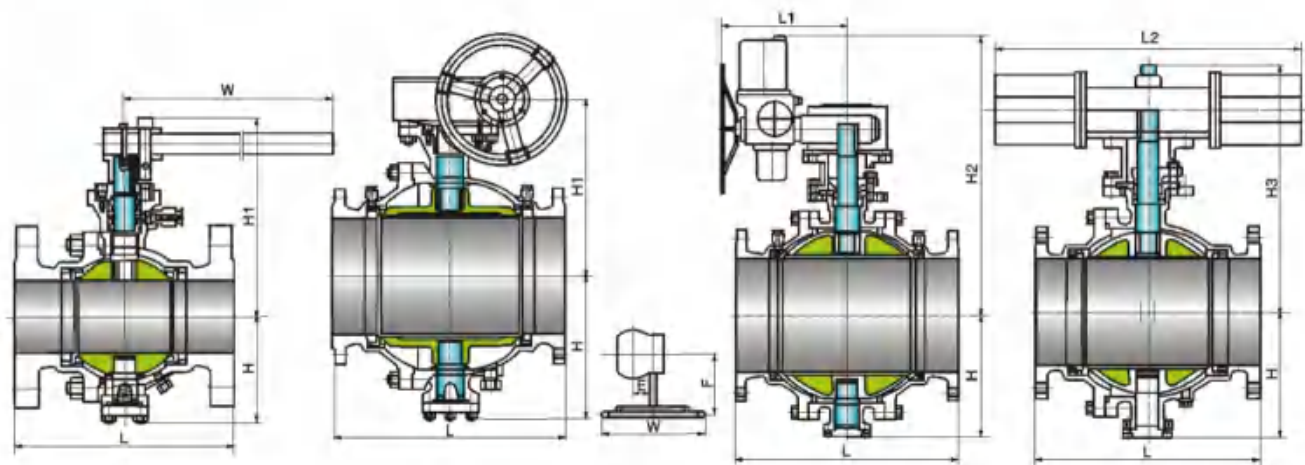
主要零件材料 Main parts and materials

序号 No.	材料标准 Material standard	材料牌号 Standard				序号 No.	材料标准 Material standard	材料牌号 Standard			
		碳钢 Carbon steel		不锈钢 Stainless steel				碳钢 Carbon steel		不锈钢 Stainless steel	
		GB	ASTM	GB	ASTM			GB	ASTM	GB	ASTM
零件名称 Parts mane						零件名称 Parts mane					
01	底盖 Lower cover	35	A105	1Cr18Ni9Ti	F304/F316/ F304L/F316L	18	上阀杆 Stem	2Cr13	A276-420	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L
02	底盖螺钉 Lower cover screw nail	25CrMoA	A193-B7	1Cr17Ni2	A193-B8M	19	上阀杆轴承 Stem beaing	金属夹 PTFE	金属夹 PTFE	金属夹 PTFE	金属夹 PTFE
03	垫圈 Gasket	氟橡胶Viton; PTFE; 金属夹石墨 Wafer metal and graphite				20	止推轴承 Thrust bearing	PTFE	PTFE	PTFE	PTFE
04	止推轴承 Thrust bearing	金属夹PTFE				21	阀座 Seat	石墨 graphite	石墨 graphite	PTFE	PTFE
05	下阀杆 Lower stem	2Cr13	A276-420	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	22	填料O形圈 Packing O-ring	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton
06	下阀杆轴承 Lower stem bearing	氟橡胶Viton; PTFE; 金属夹石墨 Wafer metal and graphite				23	阀杆填料函 Stem Packing Box	25镀铬	A105镀铬	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L
07	阀体 Body	WCB	A216-WCB	ZG1Cr18Ni9Ti ZG1Cr18Ni12Mo2Ti	CF8/CF8M/ CF3/CF3M	24	垫圈 Gasket	氟橡胶Viton; PTFE; 金属夹石墨 Wafer metal and graphite			
08	螺母 Nut	45	A194-2H	0Cr18Ni	A194-8M	25	阀杆填料 Stem pscking	石墨 Graphite			
09	双头螺栓 Sutd	35CrMoA	A193-B7	1Cr17Ni2	A193-B8M	26	双头螺栓 Sutd	35CrMoA	A193-B7	1Cr17Ni2	A193-B8M
10	垫圈 Gasket	金属夹石墨 Wafer metal and graphite、PTFE				27	螺钉 Screw nail	35CrMoA	A193-B7	1Cr17Ni2	A193-B8M
11	阀盖 Bonnet	WCB	A316-WCB	ZG1Cr18Ni9Ti ZG1Cr18Ni12Mo2Ti	CF8/CF8M/ CF3/CF3M	28	填料压盖 Gland	WCB	A216-WCB	ZG1Cr18Ni9Ti ZG1Cr18Ni12Mo2Ti	CF8/CF8M/ CF3/CF3M
12	阀座O形圈 Seat O-ring	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton	29	螺母 Nut	45	A194-2H	0Cr18Ni	A194-8M
13	阀座弹簧 Seat spring	17-7PH	17-7PH	17-7PH	17-7PH	30	支架 Yoke	WCB	WCB	WCB	WCB
14	密封圈 gasket	PTFE,PPL	PTFE,PPL	PTFE,PPL	PTFE,PPL	31	键 Key	40Cr	40Cr	1Cr17Ni2	1Cr17Ni2
15	阀座支承圈 Seat retainer	25镀铬	A105镀铬	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	32	垫圈 Gasket	氟橡胶Viton; PTFE; 金属夹石墨 Wafer metal and graphite			
16	球体 Ball	1Cr18Ni9	304	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	33	排污塞 Drain plug	2Cr13	A276-420	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L
17	球体键 Ball key	40Cr	40Cr	1Cr17Ni2	1Cr17Ni2						

国标铸钢固定球阀
Forged Dteel Trunnion-mounted Ball Valve



3 H
Q647F 型 PN1.6-10.0MPa
9 Y



主要技术规范

1. 设计、制造按 GB/T12237
 2. 结构长度按 GB/T12221
 3. 连接法兰 JB/T79.1~79.4 GB/T9113.1~9113.4
 4. 阀门检查和试验按 GB/T13927
1. Design manufacture according to GB/T12237
 2. Face to face according to GB/T12221
 3. End flange dimension according to JB/T79.1~79.4 GB/T9113.1~9113.4
 4. Valve check and test according to GB/T13927

PN1.6MPa主要外形尺寸 Main outline size

公称通径DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700
d1	25	32	40	50	65	80	100	125	150	200	250	300	337	387	438	489	591	686
L	165	180	190	216	241	283	305	356	394	457	533	610	686	762	864	914	1067	1245
H	50	55	80	102	114	127	152	184	219	273	360	395	430	470	550	580	700	800
手动 Manual operated	H1	75	85	95	107	125	152	178	300	330	398	495	580	625	670	698	840	1050
	E	-	-	-	-	-	-	-	-	-	116	116	171	171	257	257	150	83
	F	-	-	-	-	-	-	-	-	-	350	350	400	420	400	420	410	650
	W	160	160	230	230	400	400	650	1050	1050	600	600	800	800	800	800	800	800
电动 Electromotor operated	H2	-	-	-	-	-	-	-	-	-	554	600	652	760	770	830	-	940
	L1	-	-	-	-	-	-	-	-	-	235	235	235	259	400	400	-	410
气动 Pneumatic operated	H3	215	240	264	274	379	389	479	552	666	736	926	1059	1127	1393	1468	1538	1450
	L2	200	270	270	270	405	405	576	576	776	776	1060	1060	1360	1360	1360	1360	2840

PN2.5MPa主要外形尺寸 Main outline size

公称通径DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700
d1	25	32	40	50	65	80	100	125	150	200	250	300	337	387	438	489	591	686
L	165	180	190	216	241	283	305	381	403	502	568	648	762	838	914	991	1143	1346
H	50	55	80	102	114	127	152	184	219	273	360	395	430	470	550	580	700	800
手动 Manual operated	H1	75	85	95	107	125	152	178	300	330	398	495	580	625	670	698	840	1050
	E	-	-	-	-	-	-	-	-	-	116	116	171	171	257	257	150	83
	F	-	-	-	-	-	-	-	-	-	350	350	420	420	400	400	410	650
	W	160	160	230	230	400	400	650	1050	1050	600	600	800	800	800	800	800	800
电动 Electromotor operated	H2	-	-	-	-	-	-	-	-	-	235	235	400	400	410	410	-	420
	L1	-	-	-	-	-	-	-	-	-	74	350	350	420	420	400	-	410
气动 Pneumatic operated	H3	215	240	264	340	379	452	479	646	666	814	1002	1059	1150	1205	1250	1295	1390
	L2	200	270	270	405	405	574	574	756	756	1060	1060	1360	1360	2840	2840	3300	3300

国标铸钢固定球阀
Forged Dteel Trunnion-mounted Ball Valve



PN4.0MPa 主要外形尺寸及重量 Main connection dimensions and weights

公称通径 DN	25	32	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	700
d1	25	32	40	50	65	80	100	125	150	200	250	300	337	387	438	489	591	686
L	165	180	190	216	241	283	305	381	403	502	568	648	762	838	914	991	1143	1346
H	50	55	80	102	114	127	152	184	219	273	360	395	430	470	550	580	700	800
手动 Hand- operated	H1	75	85	95	107	125	152	178	300	330	398	495	580	625	670	698	840	1050
	E	-	-	-	-	-	-	-	-	-	116	116	171	171	257	257	150	83
	F	-	-	-	-	-	-	-	-	-	350	350	420	420	400	400	410	650
	W	160	160	230	230	400	400	650	1050	1050	600	600	800	800	800	800	800	800
电动 Electricactuated	Wt(Kg)	9	13	16	19	24	30	55	87	118	255	370	533	640	1030	1524	2100	5300
	H2	-	-	-	-	-	-	-	-	235	235	400	400	410	410	-	420	690
气动 Airopertating	L1	-	-	-	-	-	-	-	-	74	350	350	420	420	400	-	400	650
	H3	215	240	264	340	379	452	479	646	666	814	1002	1059	1150	1205	1250	1295	1390
	L2	200	270	270	405	405	574	574	756	756	1060	1060	1360	1360	2840	2840	3300	3300

PN6.4MPa 主要外形尺寸及重量 Main connection dimensions and weights

公称通径 DN	50	65	80	100	150	200	250	300	350	400	500	600	700
d1	50	65	80	100	150	200	250	300	337	387	489	591	686
L	292	330	356	406	495	597	673	762	826	902	1054	1232	1397
H	114	124	133	159	250	294	395	445	500	530	660	800	900
手动 Hand- operated	H1	108	155	197	235	300	374	445	512	550	615	810	1010
	E	116	116	116	116	116	171	171	257	257	257	150	83
	F	350	350	350	350	350	420	420	400	400	400	410	650
	W	600	600	600	600	600	800	800	800	800	800	800	800
电动 Electricactuated	Wt(Kg)	23	35	49	91	192	355	640	880	1100	1540	2800	5700
	H2	-	-	-	-	554	574	731	771	867	805	979	1085
气动 Airopertating	L1	-	-	-	-	235	235	400	400	410	410	420	690
	H3	340	-	-	479	666	895	1002	1059	1160	1250	1320	1470
	L2	405	-	-	576	756	1060	1060	1360	1360	2840	2840	3300

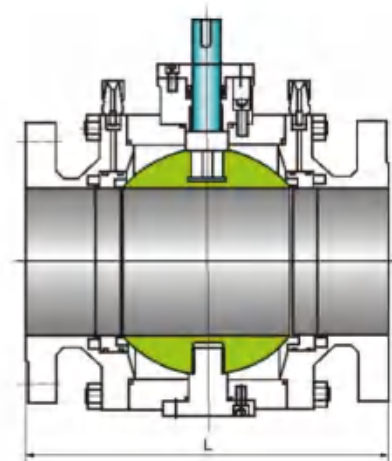
PN10.0MPa 主要外形尺寸及重量 Main connection dimensions and weights

公称通径 DN	50	65	80	100	150	200	250	300	350	400	500	600	700
d1	50	65	80	100	150	200	250	300	337	387	489	591	686
L	292	330	356	406	559	660	787	838	889	991	1194	1397	1549
H	114	124	133	159	250	294	395	445	500	530	660	800	900
手动 Hand- operated	H1	108	155	197	235	300	374	445	512	550	615	810	1010
	E	116	116	116	116	116	171	171	257	257	257	150	83
	F	350	350	350	350	350	420	420	400	400	400	410	650
	W	600	600	600	600	600	800	800	800	800	800	800	800
电动 Electricactuated	Wt(Kg)	35	38	55	102	232	390	710	960	1700	1970	3250	6700
	H2	-	-	-	-	569	658	694	765	825	917	998	1098
气动 Airopertating	L1	-	-	-	-	235	259	400	410	410	420	690	690
	H3	340	-	-	479	666	895	1002	1059	1160	1250	1320	1470
	L2	405	-	-	576	756	1060	1060	1360	1360	2840	2840	3300

锻钢固定式球阀材质 Forged Steel Ball Valve



3 H
Q647 F 型
9 Y



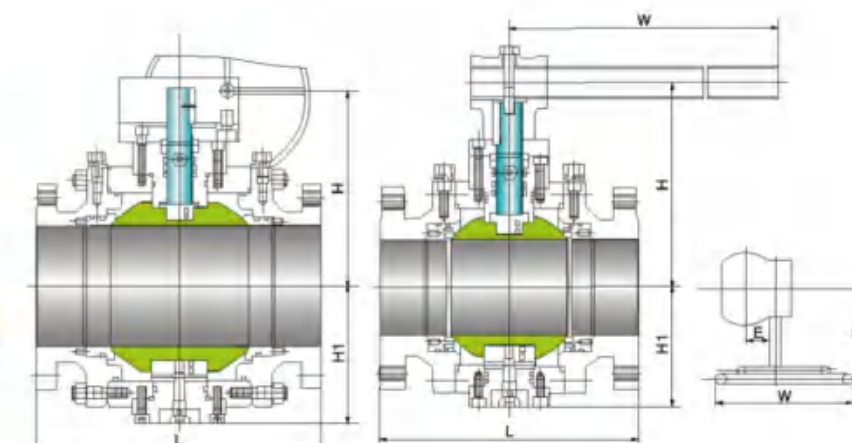
主要零件材料 Main parts and materials

序号 No.	材料标准 Material standard	材料牌号 Standard				序号 No.	材料标准 Material standard	材料牌号 standard			
		碳钢 Carbon steel		不锈钢 Stainless steel				碳钢 Carbon steel		不锈钢 Stainless steel	
		零件名称 Parts mane	GB	ASTM	GB			ASTM	零件名称 Parts mane	GB	ASTM
01	内六角螺钉	25	A105	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	16	球体 Ball	25镀锌磷	A105镀锌磷	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	304/F316/ 304L/F316L
02	固定轴螺钉 fixed haulm bolt	35CrMoA	A193-B7	1Cr17Ni2	A193-B8M	17	阀杆 Stem	2Cr13	A276-420	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L
03	排污塞 Drain plug	2Cr13	A276-420	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	18	上阀杆轴承 Stem bearing	金属夹PTFE Metal backed PTFE	金属夹PTFE Metal backed PTFE	金属夹PTFE Metal backed PTFE	金属夹PTFE Metal backed PTFE
04	垫圈 Gasket	氟橡胶; PTFE; 金属夹石墨 VITON; PTFE; metal backed graphite				19	止推轴承 Thrust bearing	PTFE	PTFE	PTFE	PTFE
05	O型圈 O-ring	氟橡胶 VITON	氟橡胶 VITON	氟橡胶 VITON	氟橡胶 VITON	20	压盖 Gland	25	A105	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L
06	阀体 Body	25	A105	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	21	压盖O形圈 Gland O' ring	氟橡胶 VITON	氟橡胶 VITON	氟橡胶 VITON	氟橡胶 VITON
07	螺母 Nut	45	A194-2H	0Cr18Ni	A194-B8M	22	垫圈 Gasket	氟橡胶; PTFE; 金属夹石墨 VITON; PTFE; metal backed graphite			
08	双头螺栓柱 Stud	35CrMoA	A193-B7	1Cr17Ni2	A193-B8M	23	注脂阀	25镀锌 plating	A105镀锌 plating	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L
09	阀盖 Body cap	25	A105	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	24	阀杆O形圈 Stem O' ring	氟橡胶 VITON	氟橡胶 VITON	氟橡胶 VITON	氟橡胶 VITON
10	垫圈 Gasket	氟橡胶; PTFE; 金属夹石墨 VITON; PTFE; metal backed graphite				25	垫圈 Gasket	35CrMoA	A193-B7	1Cr17Ni2	A193-B8M
11	固定轴轴承 Fixed haulm bearing	金属夹PTFE Metal backed PTFE	金属夹PTFE Metal backed PTFE	金属夹PTFE Metal backed PTFE	金属夹PTFE Metal backed PTFE	26	阀杆填料 Stem packing	石墨 GRAPHITE			
12	阀座O形圈 Seat O' ring	氟橡胶 VITON	氟橡胶 VITON	氟橡胶 VITON	氟橡胶 VITON	27	填料压环 Packing ring	25	A105	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L
13	弹簧 Spring	17-7PH	17-7PH	17-7PH	17-7PH	28	连接板 Connect set	25	A105	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L
14	阀座 Seat	PTFE/PPL	PTFE/PPL	PTFE/PPL	PTFE/PPL	29	销 Pin	40Cr	40Cr	1Cr17Ni2	1Cr17Ni2
15	阀座支承圈 Seat retainer	25镀锌 25HRC	A105镀锌 A105HRC	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	30	键 Key	40Cr	40Cr	1Cr17Ni2	1Cr17Ni2

美标锻钢固定球阀 API Forged Trunnion-mounted Ball Valve



3 H
Q647 F 型 150Lb~1500Lb
9 Y



主要技术规范

1. 设计、制造按 API 6D
2. 结构长度按 ANSI B16.10.
3. 连接法兰 ANSI B16.5 MSS-SP44
2. 阀门检查和试验按 API STD.598

1. Design manufacture according to API 6D
2. Face to face according to ANSI B16.10.
3. End flange dimension according to ANSI B16.5 MSS-SP44
4. Valve check and test according to API 598

Class150主要外形尺寸 Main connection dimensions

公称 口径	NPS	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"
	DN	50	80	100	150	200	250	300	350	400	450	500
d1		51	76	102	152	203	254	305	337	387	438	489
L	RF	178	203	229	394	457	533	610	686	762	864	914
	BW	216	283	305	457	521	559	635	762	838	914	991
H1		100	110	130	175	210	274	305	340	395	440	470
H		165	90	200	270	300	380	420	450	530	560	605
W		400	700	850	600	600	600	800	800	800	800	800
E					116	116	116	171	171	257	257	257
F					350	350	350	420	420	500	500	500

Class300主要外形尺寸 Main connection dimensions

公称 口径	NPS	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"
	DN	50	80	100	150	200	250	300	350	400	450	500
d1		51	76	102	152	203	254	305	337	387	438	489
L	RF	216	283	305	403	502	568	648	762	838	914	991
	BW	216	283	305	457	521	559	635	762	838	914	991
H1		100	110	130	175	210	274	305	340	395	440	470
H		165	190	200	270	300	380	420	450	530	560	605
W		400	700	850	600	600	600	800	800	800	800	800
E					116	116	116	171	171	257	257	257
F					350	350	350	420	420	500	500	500

美标锻钢固定球阀
API Forged Trunnion-mounted Ball Valve



Class400主要外形尺寸 Main connection dimensions

公称 口径	NPS	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"
DN	50	80	100	150	200	250	300	350	400	450	500	
d1		51	76	102	152	203	254	305	337	387	438	489
L	RF&BW	292	356	406	495	597	673	762	826	902	978	1054
	RTJ	295	359	410	498	600	676	765	829	905	981	1060
H1		110	120	140	185	220	270	310	345	410	440	480
H		180	200	210	290	320	380	430	450	550	580	630
W		400	700	850	600	600	600	800	800	800	800	800
E					116	116	116	171	171	257	257	257
F					350	350	350	420	420	500	500	500

Class600主要外形尺寸 Main connection dimensions

公称 口径	NPS	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"
DN	50	80	100	150	200	250	300	350	400	450	500	
d1		51	76	102	152	203	254	305	337	387	438	489
L	RF&BW	292	356	432	559	660	787	838	889	991	1092	1194
	RTJ	295	359	435	562	664	791	841	892	994	1095	1200
H1		110	120	140	185	220	270	310	345	410	440	480
H		180	200	210	290	320	380	430	450	550	580	630
W		400	850	1000	600	600	800	800	800	800	800	800
E		-	-	-	116	116	171	171	171	150	83	123
F		-	-	-	350	350	500	420	420	580	650	735

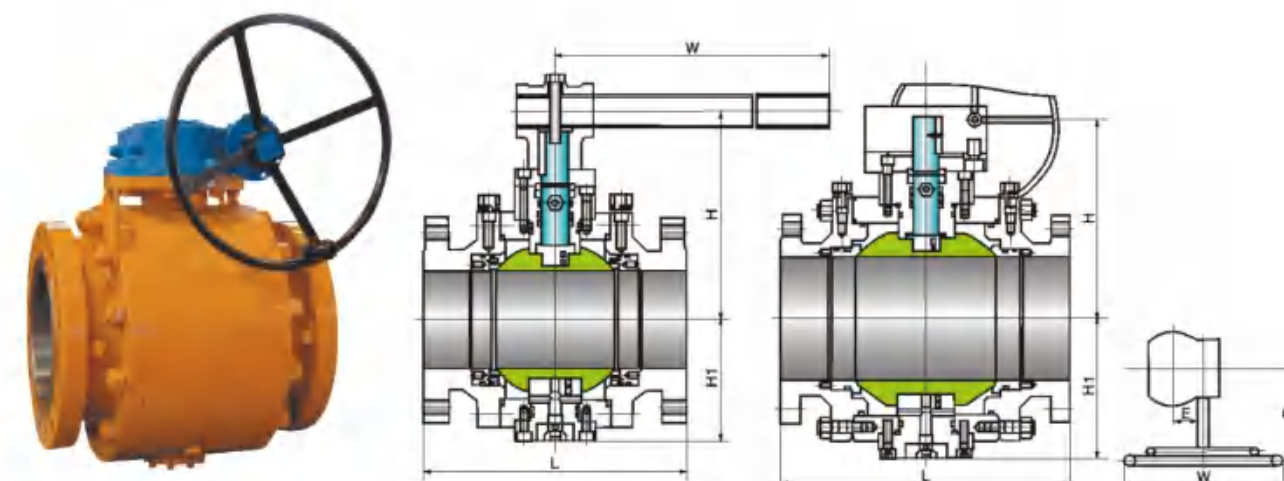
Class900主要外形尺寸 Main connection dimensions

公称 口径	NPS	2"	3"	4"	6"	8"	10"	12"	14"	16"	18"	20"
DN	50	80	100	150	200	250	300	350	400	450	500	
d1		51	76	102	152	203	254	305	324	375	425	473
L	RF&BW	368	381	457	610	737	838	965	1029	1130	1219	1321
	RTJ	371	384	460	613	740	841	968	1038	1140	1232	1334
H1		135	158	190	200	250	285	350	400	480	530	580
H		190	200	230	300	375	420	460	530	600	640	700
W		600	600	600	600	800	800	800	800	800	800	800
E		116	116	116	171	171	83	83	123	123	180	180
F		350	350	350	420	420	650	650	735	735	735	735

Class1500主要外形尺寸 Main connection dimensions

公称 口径	NPS	2"	3"	4"	6"	8"	10"	12"	14"	16"	20"
DN	50	80	100	150	200	250	300	350	400	450	500
d1		51	76	102	146	194	241	289	318	362	440
L	RF&BW	368	470	546	705	832	991	1130	1257	1384	1664
	RTJ	371	473	549	711	841	1000	1146	1276	1407	1686
H1		140	160	200	210	260	300	365	420	500	600
H		200	220	250	320	400	450	490	560	640	790
W		600	600	600	600	800	800	800	800	800	800
E		116	116	171	171	83	83	123	123	180	220
F		350	350	420	420	650	650	735	735	735	735

国标锻钢固定球阀
GB Forged Steel Ball Valve



主要技术规范

1. 设计、制造按 GB12237-89
2. 结构长度按 GB12221-89
3. 连接法兰 JB79-94
2. 阀门检查和试验按 GB13927-89

1. Design manufacture according to GB12237-89
2. Face to face according to GB12221-89
3. End flange dimension according to JB79-94
4. Valve check and test according to GB13927-89

PN1.6MPa主要外形尺寸 Main connection dimensions

公称口径DN		50	80	100	150	200	250	300	350	400	450	500
L	RF	216	283	305	394	457	533	610	686	762	864	914
	BW	216	283	305	457	521	559	635	762	838	914	991
H1		100	110	130	175	210	274	305	340	395	440	470
H		165	90	200	270	300	380	420	450	530	560	605
W		400	700	850	600	600	600	800	800	800	800	800
E					116	116	116	171	171	257	257	257
F					350	350	350	420	420	500	500	500

PN2.5MPa主要外形尺寸 Main connection dimensions

公称通径DN		50	80	100	150	200	250	300	350	400	450	500
L	RF	216	283	305	403	502	568	648	762	838	914	991
	BW	216	283	305	457	521	559	635	762	838	914	991
H1		100	110	130	175	210	274	305	340	395	440	470
H		165	190	200	270	300	380	420	450	530	560	605
W		400	700	850	600	600	600	800	800	800	800	800
E					116	116	116	171	171	257	257	257
F					350	350	350	420	420	500	500	500

PN4.0MPa主要外形尺寸 Main connection dimensions

公称口径DN		50	80	100	150	200	250	300	350	400	450	500
L	RF	216	283	305	403	502	568	648	762	838	914	991
	BW	216	283	305	457	521	559	635	762	838	914	991
H1		100	110	130	175	210	274	305	340	395	440	470
H		165	190	200	270	300	380	420	450	530	560	605
W		400	700	850	600	600	600	800	800	800	800	800
E					116	116	116	171	171	257	257	257
F					350	350	350	420	420	500	500	500

国标锻钢固定球阀
GB Forged Steel Ball Valve



PN6.4MPa主要外形尺寸 Main connection dimensions

公称通径DN		50	80	100	150	200	250	300	350	400	450	500
L	RF	292	356	406	495	597	673	762	826	902	978	1054
	BW	292	356	406	495	597	673	762	826	902	978	1054
H1		110	120	140	185	220	270	310	345	410	440	480
H		180	200	210	290	320	380	430	450	550	580	630
W		400	700	850	600	600	600	800	800	800	800	800
E					116	116	116	171	171	257	257	257
F					350	350	350	420	420	500	500	500

PN10.0MPa主要外形尺寸 Main connection dimensions

公称通径DN		50	80	100	150	200	250	300	350	400	450	500
L	FR	292	356	432	559	660	787	838	889	991	1092	1194
	BW	295	359	435	562	664	791	841	892	994	1095	1200
	RTJ	292	356	432	559	660	787	838	889	991	1092	1194
H1		110	120	140	185	220	270	310	345	410	440	480
H		180	200	210	290	320	380	430	450	550	580	630
W		400	850	1000	600	600	800	800	800	800	800	800
E		-	-	-	116	116	171	171	171	150	83	123
F		-	-	-	350	350	500	420	420	580	650	735

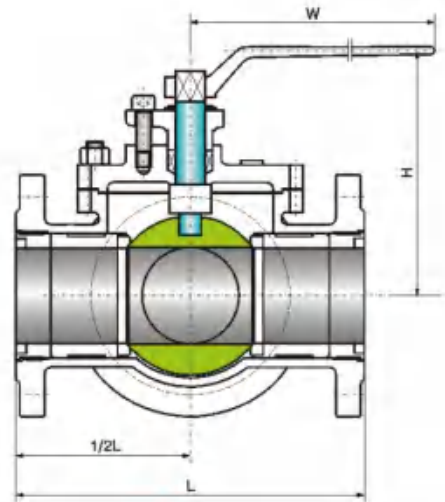
PN16.0MPa主要外形尺寸 Main connection dimensions

公称通径DN		50	80	100	150	200	250	300	350	400	450	500
L	RF&BW	368	381	457	610	737	838	965	1029	1130	1219	1334
	RTJ	371	384	460	613	740	841	968	1038	1140	1219	1334
H1		135	158	190	200	250	285	350	400	480	530	580
H		190	200	230	300	375	420	460	530	600	640	700
W		600	600	600	600	800	800	800	800	800	800	800
E		116	116	116	171	171	83	83	123	123	180	180
F		350	350	350	420	420	650	650	735	735	735	735

PN25.0MPa主要外形尺寸 Main connection dimensions

公称通径DN		50	80	100	150	200	256	300
L	RF&BW	368	470	546	705	832	991	1130
	RTJ	371	473	549	711	841	1000	1146
H1		140	160	200	210	260	300	365
H		200	220	250	320	400	450	490
W		600	600	600	600	800	800	800
E		116	116	171	171	83	83	123
F		350	350	420	420	650	650	735

三通四密封球阀材质
Three Way Type Ball Valve Material



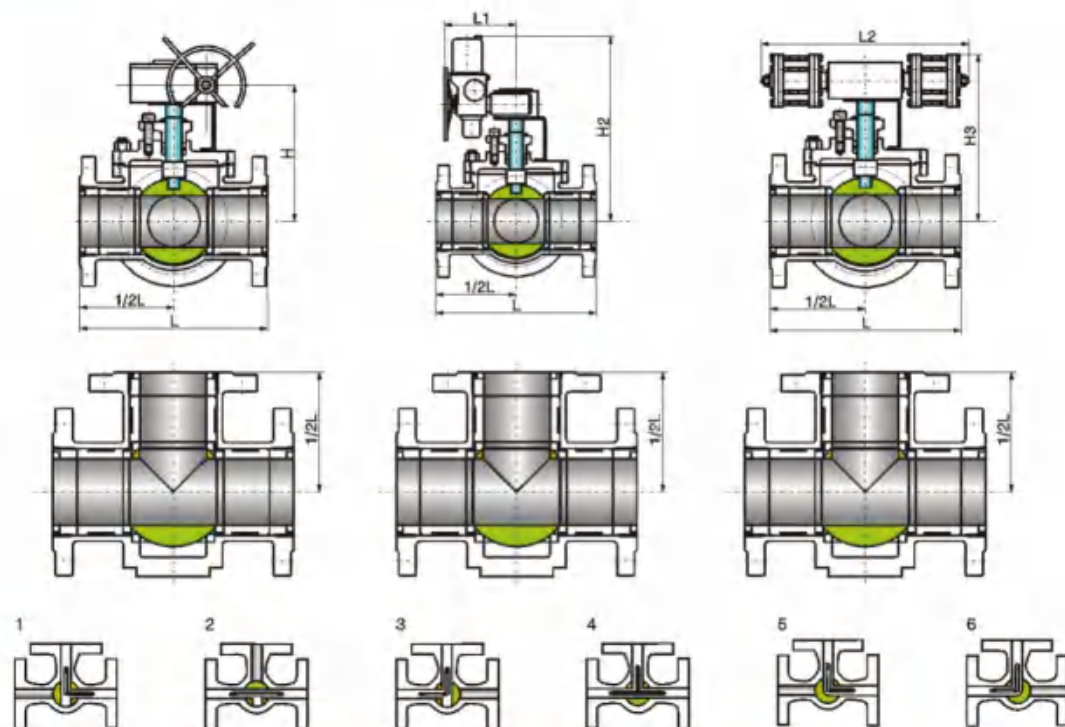
主要零件材料 Main parts and materials

序号 No.	材料标准 Material standard	材料牌号 Standard				序号 No.	材料标准 Material standard	材料牌号 Standard			
		碳钢 Carbon steel		不锈钢 Stainless steel				碳钢 Carbon steel		不锈钢 Stainless steel	
		GB	ASTM	GB	ASTM			GB	ASTM	GB	ASTM
零件名称 Parts name						零件名称 Parts name					
01	排污塞 Drain plug	2Cr13	A276—420	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	14	垫圈 Gasket	氟橡胶Viton; PTFE; 金属夹石墨 Wafer metal and graphite			
02	阀体 Body	WCB	A216—WCB	ZG1Cr18Ni9Ti ZG1Cr18Ni12Mo2Ti	CF8/CF8M/ CF3/CF3M	15	阀盖 Bonnet	WCB	A216—WCB	ZG1Cr18Ni9Ti ZG1Cr18Ni12Mo2Ti	CF8/CF8M/ CF3/CF3M
03	阀座O形圈 Seat O-ring	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton	16	止推轴承 Thrust bearing	PTFE	PTFE	PTFE	PTFE
04	阀座弹簧 Seat spring	17—7PH	17—7PH	17—7PH	17—7PH	17	压环 Pressure Ring	25镀铬 25HRC	A105镀铬 A105HRC	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L
05	密封圈 gasket	PTFE/PPL	PTFE/PPL	PTFE/PPL	PTFE/PPL	18	填料函O形圈 Packing Box O-ring	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton
06	阀座支承圈 Seat retainer	25镀铬 25HRC	A105镀铬 A105HRC	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	19	阀杆O形圈 Stem O-ring	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton
07	球体 Ball	1Cr18Ni9Ti	304	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	304/316/ 304L/316L	20	阀杆填料 Stem packing	石墨 Graphite			
08	球体键 Ball key	40Cr	40Cr	1Cr17Ni2	1Cr17Ni2	21	填料压盖 Gland	25镀铬 25HRC	A105镀铬 A105HRC	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L
09	上阀杆 Stem	2Cr13	A276—410	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	22	螺钉 Screw nail	35CrMoA	A193—B7	1Cr17Ni2	A193—B8M
10	侧盖 Side Cover	WCB	A216—WCB	ZG1Cr18Ni9Ti ZG1Cr18Ni12Mo2Ti	CF8/CF8M/ CF3/CF3M	23	支架 Yoke	WCB	WCB	WCB	WCB
11	垫圈 Gasket	氟橡胶Viton; PTFE; 金属夹石墨 Wafer metal and graphite				24	键 Key	40Cr	40Cr	1Cr17Ni2	1Cr17Ni2
12	螺母 Nut	45	A194—2H	0Cr18Ni	A194—8M	25	盲板 Blank cover	WCB	A216—WCB	ZG1Cr18Ni9Ti ZG1Cr18Ni12Mo2Ti	CF8/CF8M/ CF3/CF3M
13	双头螺柱 Stud	35CrMoA	A193—B7	1Cr17Ni2	A193—B8M						

三通四密封球阀 Three Way Type Ball Valve



3 H
Q 647 F 型 PN1.6MPa
9 Y



标准 Material

1. 设计、制造按 API 600 API 6D
2. 结构长度按 ZMV-2002
3. 法兰尺寸按 ANSI B16.5
4. 试验和检验按 API 598 API 6D

1. Design and Manufacture to API 600 API 6D
2. Face to face/End to end to ZMV-2002
3. Flange Dimension to ANSI B16.5
4. Inspection and Test to API 598 API 6D

应用规范 Application norm

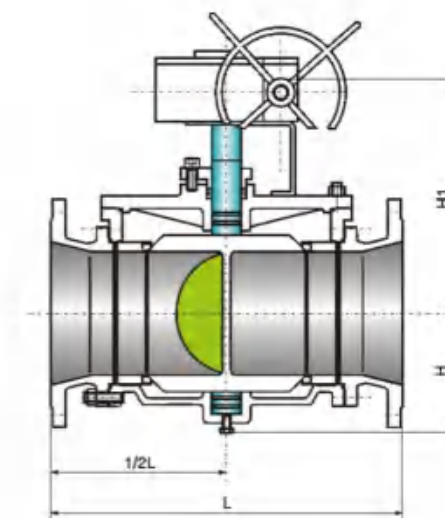
1. 设计、制造按 GB12237-89
2. 结构长度按 ZMV-2002
3. 连接法兰 JB79-94
4. 阀门检查和试验按 GB13927-89

1. Design manufacture according to GB12237-89
2. Face to face according to ZMV-2002
3. End flange dimension according to JB79-94
4. Valve check and test according to GB13927-89

主要外形尺寸 Main outline size

150Lb-300Lb														
尺寸 Dimension	inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"
DN		15	20	25	40	50	65	80	100	125	150	200	250	300
L	mm	140	160	180	200	220	240	260	280	320	380	440	540	-
H	mm	90	95	105	115	135	140	155	185	210	275	305	335	-
W	mm	140	140	155	250	250	350	350	420	700	1000	1300	1800	-
1/2(L)	mm	70	80	90	100	110	120	130	140	160	190	220	270	-
1.6MPa-4.0MPa														
尺寸 Dimension	inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"
DN		15	20	25	40	50	65	80	100	125	150	200	250	300
L	mm	140	160	180	200	220	240	260	280	320	380	440	540	-
H	mm	90	95	105	115	135	140	155	185	210	275	305	335	-
W	mm	140	140	155	250	250	350	350	420	700	1000	1300	1800	-
1/2(L)	mm	70	80	90	100	110	120	130	140	160	190	220	270	-

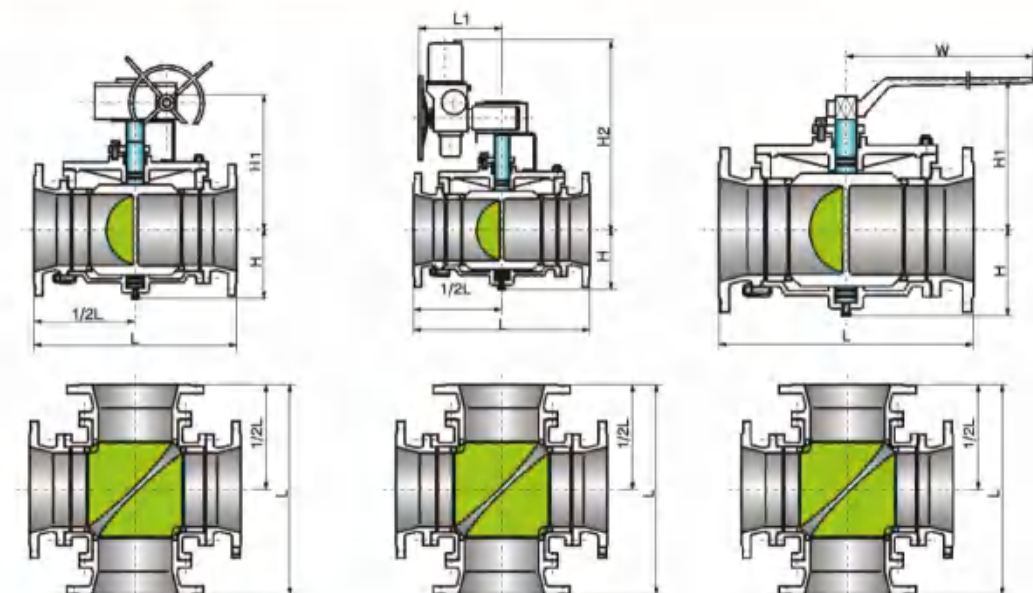
四通四密封球阀材质 Materials Of Four-way Four-seal Ball Valve



主要零件材料 Main parts and materials

序号 No.	材料标准 Material standard	材料牌号 Standard				序号 No.	材料标准 Material standard	材料牌号 Standard			
		碳钢 Carbon steel		不锈钢 Stainless steel				碳钢 Carbon steel		不锈钢 Stainless steel	
		零件名称 Parts name	GB	ASTM	GB			ASTM	零件名称 Parts name	GB	ASTM
01	底盖 Lower cover	25	A105	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	16	侧盖 Side cover	WCB	A216-WCB	ZG1Cr18Ni9Ti ZG1Cr18Ni12Mo2Ti	CF8/CF8M/ CF3/CF3M
02	底盖螺钉 Lower cover screw nail	35CrMoA	A193-B7	1Cr17Ni2	A193-B8M	17	垫圈 Gasket	氟橡胶Viton; PTFE; 金属夹石墨 Wafer metal and graphite			
03	垫圈 Gasket	氟橡胶Viton; PTFE; 金属夹石墨 Wafer metal and graphite				18	螺母 Nut	.45	A194-2H	0Cr18Ni	A194-8M
04	止推轴承 Thrust bearing	金属夹PTFE				19	双头螺栓 Stud	35CrMoA	A193-B7	1Cr17Ni2	A193-B8M
05	下阀杆 Lower stem	2Cr13	A276-420	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	20	垫圈 Gasket	氟橡胶Viton; PTFE; 金属夹石墨 Wafer metal and graphite			
06	下阀杆轴承 Lower stem bearing	金属夹PTFE				21	阀盖 Bonnet	WCB	A216-WCB	ZG1Cr18Ni9Ti ZG1Cr18Ni12Mo2Ti	CF8/CF8M/ CF3/CF3M
07	排污塞 Drain plug	2Cr13	A276-420	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	22	止推轴承 Thrust bearing	PTFE	PTFE	PTFE	PTFE
08	阀体 Body	WCB	A216-WCB	ZG1Cr18Ni9Ti ZG1Cr18Ni12Mo2Ti	CF8/CF8M/ CF3/CF3M	23	压环 Pressure ring	25 镀铬 25HRC	A105 镀铬 A105HRC	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L
09	阀座O形圈 Seat O-ring	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton	24	填料函O形圈 Packing box O-ring	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton
10	阀座弹簧 Seat spring	17-7PH	17-7PH	17-7PH	17-7PH	25	阀杆O形圈 Stem O-ring	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton	氟橡胶Viton
11	阀座 Seat	PTFE,PPL	PTFE,PPL	PTFE,PPL	PTFE,PPL	26	阀杆填料 Stem packing	石墨 Graphite			
12	阀座支承圈 Seat retainer	25 镀铬 25HRC	A105 镀铬 A105HRC	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	27	填料压盖 Gland	WCB	A216-WCB	ZG1Cr18Ni9Ti ZG1Cr18Ni12Mo2Ti	CF8/CF8M/ CF3/CF3M
13	球体 Ball	1Cr18Ni9Ti	304	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	28	螺钉 Screw nail	35CrMoA	A193-B7	1Cr17Ni2	A193-B8M
14	球体键 Ball key	40Cr	40Cr	1Cr17Ni2	1Cr17Ni2	29	支架 Yoke	WCB	WCB	WCB	WCB
15	上阀杆 Stem	2Cr13	A276-420	1Cr18Ni9Ti 1Cr18Ni12Mo2Ti	F304/F316/ F304L/F316L	30	键 Key	40Cr	40Cr	1Cr17Ni2	1Cr17Ni2

四通四密封球阀 Four-way Four-seal Ball Valve

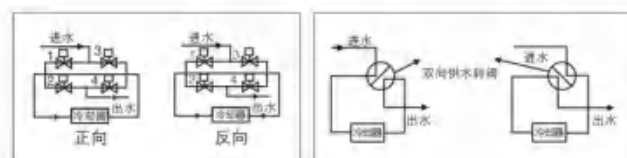


标准 Material

1. 设计、制造按 API 600 API 6D
 2. 结构长度按 ZMV-2002
 3. 法兰尺寸按 ANSI B16.5
 4. 试验和检验按 API 598 API 6D
1. Design and Manufacture to API 600 API 6D
 2. Face to face/End to end to ZMV-2002
 3. Flange Dimension to ANSI B16.5
 4. Inspection and Test to API 598 API 6D

应用规范 Application norm

1. 设计、制造按 GB12237-89
 2. 结构长度按 ZMV-2002
 3. 连接法兰: JB79-94
 4. 阀门检查和试验按 GB13927-89
1. Design manufacture according to GB12237-89
 2. Face to face according to ZMV-2002
 3. End flange dimension according to JB79-94
 4. Valve check and test according to GB13927-89



该四通球阀，一阀实现正反供水切换，每转90°，供水方式切换一次，以前需四个阀门，供水时阀1、4开启，阀2、3关闭；反向供水时阀2、3开启，阀1、4关闭，现用一台四通球阀替代，操作方便。

This four-way ball valve realizes the positive & reverse switch, and the supply way is switched a time when turn every other 90°. It would need 4 valves before, when supply the water, the valve 1,4 are open, and the valve 2,3 are closed, reversely, the valve 2,3 are open, and the valve 1,4 are closed, however nowadays, a four-way ball valve replaces them, which is very convenient to operate.

主要外形尺寸 Main outline size

150Lb-300Lb															
尺寸 Dimension	inch DN	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
L	mm	160	180	200	230	250	260	320	320	370	400	440	500	-	712
H	mm	100	115	125	125	135	145	155	176	180	-	-	-	-	-
W	mm	140	140	155	250	250	350	350	420	700	1000	1300	1800	-	-
1/2(L)	mm	70	80	90	100	110	120	130	140	160	190	220	270	-	356

1.6MPa-4.0MPa															
尺寸 Dimension	inch DN	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
L	mm	160	180	200	230	250	260	320	320	370	400	440	500	-	712
H	mm	100	115	125	125	135	145	155	176	180	-	-	-	-	-
W	mm	140	140	155	250	250	350	350	420	700	1000	1300	1800	-	-
1/2(L)	mm	70	80	90	100	110	120	130	140	160	190	220	270	-	356

低温球阀 Low Temperature Ball Valve



用途 Applicability

系列低温球阀主要适用于乙烯、液化天然气等化工装置上，输出的液态低温介质如乙烯、液氧、液氢等。这类介质不但易燃易爆，而且在升温时要气化，气化时，体积膨胀数百倍。而且这些介质渗透力强，易泄漏，加工制造比较困难。

Low temperature ball valves are mainly used in the chemical equipment of ethylene and LNG etc. to handle low temperature liquid medium like ethylene, liquid oxygen, liquid hydrogen and so on. These types of inflammable and explosive medium can be volumetrically expanded by several hundred times when being gasified under temperature rise, and are difficult to manufacture due to their highly penetrative and leaky properties.

结构特性 Structural Properties

1. 承压件的材料能承受介质温度的变化而引起的膨胀、收缩、密封部位的结 构在温度变化时不会产生永久的变形。用于-100℃以下工况时，阀门零件在精加工前应进行深冷处理，即将零件浸放在液氮箱中进行冷却，当零件温度达到-196℃时，开始保温1~2h，然后取出箱外自然处理到常温，重复循环2次。
2. 阀盖采用长颈结构，其目的保护填料函的功能，是填料函处于离低温较远的位置，保证填料的密封效果。同时还可以缠绕保冷材料，防止冷能损失。长颈的颈长（H，见图）可根据使用温度和保冷材料的厚度来选择不同的长度。当填料密封效果降低时，可以从填料函中间（见组合填料结构）加入润滑脂形成油封层，降低填料函的压差，提高密封性能。
3. 使用温度-46℃~196℃时，阀杆材料经过镀铬或氮化处理，提高阀杆表面硬度，提高填料的可靠性。
4. 低温球阀具有防止异常升压结构，由于低温阀门介质气化后，其体积急剧膨胀，压力会异常升高，当阀门中腔压力升高时，阀门中腔和进口侧连通，或在阀门进口端安置泄压阀，保证阀门安全使用。
5. 低温球阀用的垫片具有在常温下、低温状态及温度变化下能可靠密封性和复原性。

1. The materials of compression parts can endure the expansion and shrinkage resulted from the temperature variation of medium, and seal structure is away from permanent deformation under temperature changes. To work under the conditions below -100℃, the parts of valve shall be subject to deep cooling treatment before precision machining. Namely, have the parts cooled in liquid nitrogen box, when the temperature of parts reaches -196℃, keep the temperature for 1~2h, then take them out to have them to the normal temperature naturally, and do in this way twice.

2. Bonnet is shaped long-necked for the purpose to protect the function of packing box, making packing box somewhat away from low temperature to ensure good seal of packing. Besides, it can be wound with cold insulating materials to prevent loss of cold energy. The length of neck (H, see the drawing depends on service temperature and the thickness of cold insulating material. When the effect of packing seal turns lower, fill in grease to form up oil seal layer from the middle of packing box (see combined packing structure) to lower the differential pressure of packing box and enhance the dependability of seal.

3. To serve a temperature -46℃~196℃, the material of valve stem shall be treated with chromeplating or nitriding to enhance the surface hardness of valve stem and the sealing dependability of packing.

4. Low temperature ball valve takes a structure to avoid abnormal pressure rise. As the medium in low temperature valve is gasified and rapidly expanded in volume, the pressure will goes extremely high. When the pressure in the middle cavity of valve rises, the middle cavity and the inlet side can be communicated, or a relief can be mounted at the inlet side of valve, thus to ensure the safe use of valves.

5. The gaskets used on low temperature ball valves may function dependable seal and restoration under normal and low temperature or under the conditions of temperature changes.

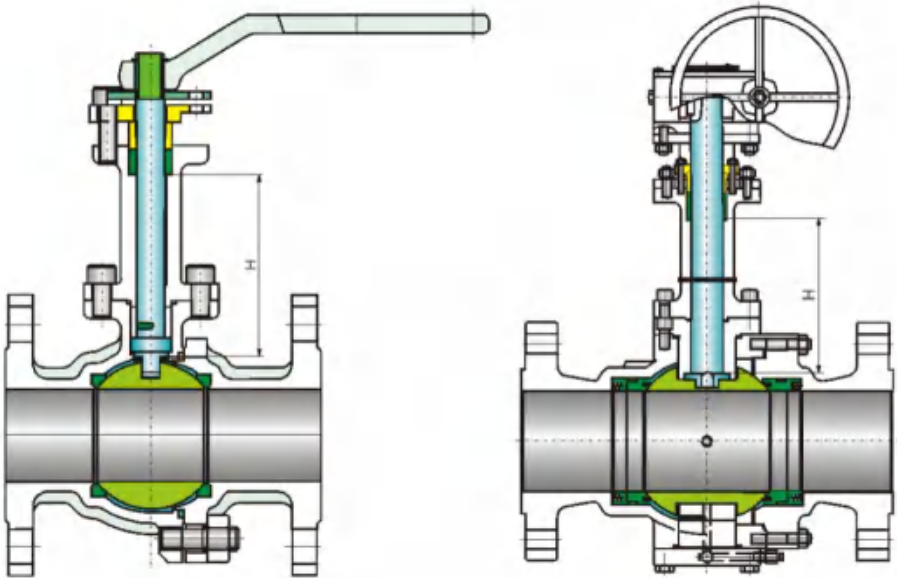
低温球阀制造规范

标准Standard	API系列	GB系列
基本设计规范Design codes	ANSI B16.34、JB/T7749	
压力温度等级 Pressure-Temperature Rating	ANSI B16.34	GB/T12224
结构长度Face to face	ASME B16.10	
连接法兰Flange ends	ASME B16.5	GB/T9113/HG20596
检验与实验Inspection & test	API598*	JB/T9092*

*低温球阀在常温压力试验合格后，还需进行低温压力试验，其原理见低温阀门型式图。

Low temperature ball valves shall be subject to pressure test under low temperature after the pressure test under normal temperature, with its principle referred to the type drawing of low temperature ball valves.

低温球阀
Low Temperature Ball Valve



主要材料 Main material

序号 NO	零件名称 Part name	材料 Material
		-46℃ -196℃ -101℃
1	左阀体 Left Body	A352-LCB, LCC, LC3, A351-CF8, CF8M
2	阀座 Seat	PTFE, RPTFE, PEEK, PPL, POM, KARBATE, NYLON, MOLON, DEVLON
3	密封圈 Seat gasket	A182-F304, F316
4	O型圈 O-Ring	VITON
5	垫片 Gasket	Flexible Graphite+304, Flexible Graphite+316, PTFE
6	螺栓 Bolt	A320-L7, A193-B8, B8M
7	螺母 Nut	A194-4, 8, 8M
8	右阀体 Right Body	A352-LCB, LCC, LC3, A351-CF8, CF8M
9	小弹簧 Small Spring	SS304, SS316
10	小钢球 Small Ball	F316
11	止推垫片 Thrust Washer	A182-F6, F314, F316
12	阀杆 Stem	Flexible Graphite, PTFE
13	垫片 Gasket	A182-F6, F304, F316
14	填料 Packing	A352-LCB, A351-CF8
15	填料压套 Gland	1025, stainless steel
16	填料压盖 Gland-Flange	A216-WCB
17	定位板 Limited Plate	1025
18	杠杆 Lever	1035, stainless steel
19	紧定螺钉 Screw	A352-LCB, LCC, LC3, A351-CF8, CF8M
20	紧定螺钉 Screw	1035, stainless steel
21	Extend bonnet	A352-LCB, LCC, LC3, A351-CF8, CF8M
22	螺钉 Screw	1035, stainless steel
23	套管 Bushing	A182-F6, F304, F316

低温球阀
Low Temperature Ball Valve



低温球阀阀盖加长颈部长度的参考
The low temperature ball valve valve cover lengthens strength minister a degree(reference)

公称通径 Nominal pressure		颈部长度的参考 Strength department length H(mm)			公称通径 Nominal pressure		压力等级 class
DN	in	≥ -60℃	≥ -100℃	< -100℃	DN	in	150Lb, 300Lb, PN1.6~10.0MPa
15	1/2	90	110	130	15	1/2	△/●
20	3/4	100	110	140	20	3/4	△/●
25	1	100	120	150	25	1	△/●
32	1 1/4	110	120	150	32	1 1/4	△/●
40	1 1/2	110	130	160	40	1 1/2	△/●
50	2	110	130	170	50	2	△/★/●
65	2 1/2	120	140	180	65	2 1/2	△/★/●
80	3	120	150	190	80	3	△/★/●
100	4	130	160	200	100	4	△/★/●
125	5	130	160	200	125	5	△/★/●
150	6	140	170	220	150	6	△/★/●
200	8	140	170	220	200	8	△/★/●
250	10	150	180	240	250	10	△/★/●
300	12	150	180	240	300	12	△/★/●
350	14	160	190	250	350	14	△/★/●
400	16	160	190	250	400	16	△/★/●

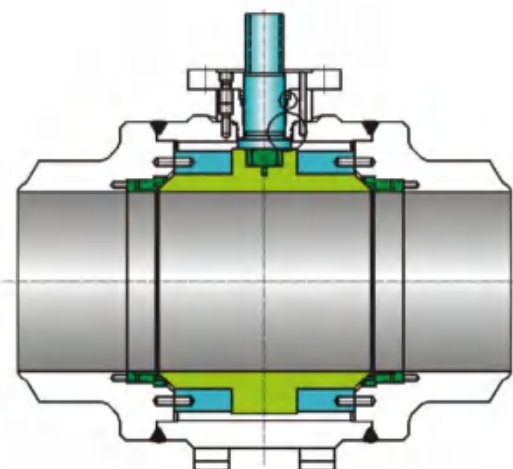
注: ★表示电动操作阀门; 表示气动操作阀门;
●表示手柄操作阀门; —表示没有此选项, 表中未涉及的可按用户的要求制造。
Note: ★stands for electrically operated valves; stands for air operated valves;
●stands for handle operated valves; —stands for no option of this. Those not covered in the table can be custom made to users' requirements

球阀阀体低温材料最低使用温度 The material lowest usage temperature of the ball valve valve body low temperature

锻件 Forged		铸件 Steel	
标准:材料牌号 Standard:material card number	最低温度 Lowest temperature	标准:材料牌号 Standard:material card number	最低温度 Lowest temperature
ASTMA350LF2	-45.6℃	ASTM A352 LCB, LCC	-46℃
ASTMA350LF2	-59.4℃	ASTM A352 LC1	-59℃
ASTMA350LF9	-73.3℃	ASTM A352LC2	-73℃
ASTMA350LF3	-101.1℃	ASTM A352 LC3	-101℃
ASTMA182F304	-254℃	ASTM A351 CF8	-254℃
ASTMA182F316	-254℃	ASTM A351 CF8M	-254℃
ASTMA182F304L	-254℃	ASTM A351 CF3	-254℃
ASTM A182F316L	-254℃	ASTM A351 CF3M	-254℃

锻钢全焊接固定球阀
Full-welded Underground Ball Valves

Class 150~300Lb



应用规范/Applicable standards

- | | |
|---------------------------------------|--|
| 1、压力—温度等级：ASME B16.34 | Pressure temperature rating, ASME B16.34 |
| 2、壳体壁厚：BS5351、API6D | Shell thickness, ASME B16.34、API6D |
| 3、孔口尺寸：API 6D | Pore hole dimension, API 6D、BS5351 |
| 4、结构长度：ASME B16.10、API 6D | Face to face, ASME B16.10 |
| 5、连接尺寸：ASME B16.25、BS1560 | Connection dimension, ASME B16.5、API598 |
| 6、试验和检查：API 6D、API598 | Test and inspection conform to, API 6D、BS5146 |
| 7、主体材料：A105、LF2、F304、F316、F304L、F316L | Main materials, A105、LF2、F304、F316、F304L、F316L |

主要材料/Main materials

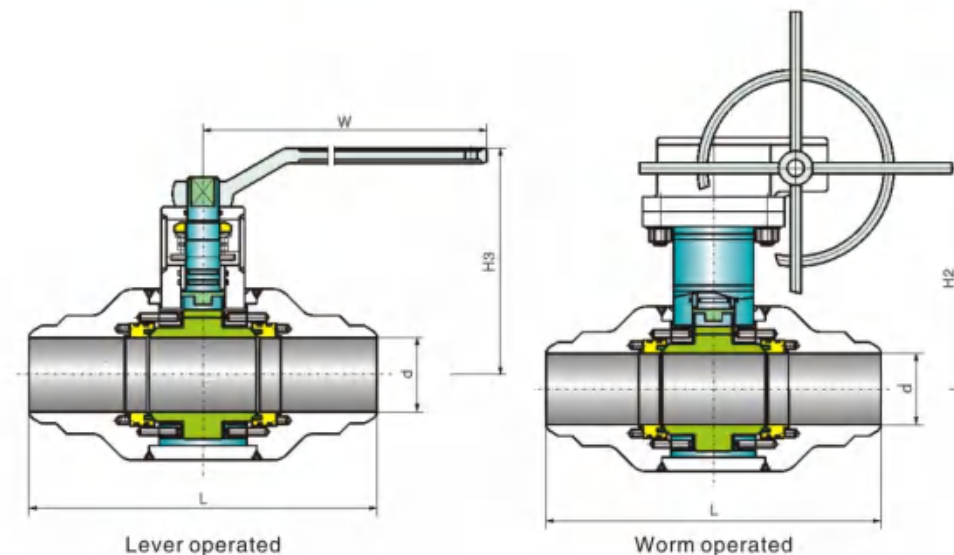
壳体材料	内件材料	密封材料	垫片、填料
A105,304,316,321	410,420,304,316,321	PTFE,RPTFE,PEEK,PPL	柔性石墨, PTFE,PPL

尺寸表 Dimensions data

Class 150/300Lb	Size	in	2	3	4	6	8	10	12	14	16	18	20	24
		mm	50	80	100	150	200	250	300	350	400	450	500	600
	d	in	2	3	4	6	8	10	12	13.25	15.25	17.25	19.25	23.25
		mm	50	76.2	101.6	152	203	254	305	337	387	438	489	591
	L	in	8.5	11.125	12	18	20.5	22	25	30	33	36	39	45
		mm	216	283	305	457	521	559	635	762	838	914	991	1143
	H1	in	7.08	7.87	8.86	11.42	12.40	12.99	16.93	18.30	19.49	23.03	24.01	25
		mm	180	200	225	285	315	330	430	465	495	585	610	635
	H2	in	7.48	8.27	8.66	11.42	12.80	16.14	17.13	18.90	19.88	23.81	24.06	25.98
		mm	190	210	220	290	325	410	435	480	505	605	625	660
	H3	in	7.68	8.27	8.46	-	-	-	-	-	-	-	-	-
		mm	195	210	215	-	-	-	-	-	-	-	-	-
	W	in	13.78	15.75	19.69	-	-	-	-	-	-	-	-	-
		mm	350	400	500	-	-	-	-	-	-	-	-	-

锻钢全焊接固定球阀
Full-welded Underground Ball Valves

Class 600Lb



主要材料/Main materials

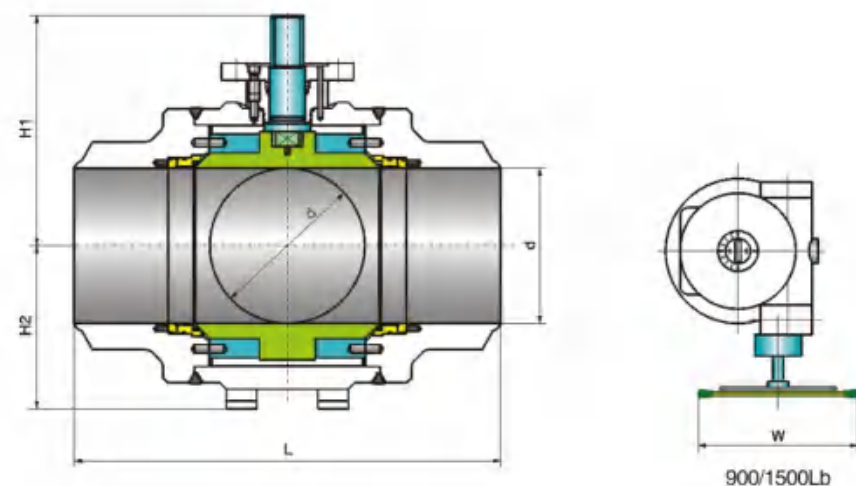
壳体材料	内件材料	密封材料	垫片、填料
A105,304,316,321	410,420,304,316,321	PTFE,RPTFE,PEEK,PPL	柔性石墨, PTFE,PPL

尺寸表 Dimensions data

Class 600Lb	Size	in	2	3	4	6	8	10	12	14	16	18	20	24
		mm	50	80	100	150	200	250	300	350	400	450	500	600
	d	in	2	3	4	6	8	10	12	13.25	15.25	17.25	19.25	23.25
		mm	50	76.2	101.6	152	203	254	305	337	387	438	489	591
	L	in	11.5	14	17	22	26	31	33	35	39	43	47	55
		mm	292	356	432	559	660	787	838	889	991	1092	1194	1397
	H1	in	7.08	7.87	8.86	11.22	12.40	12.99	16.93	18.30	19.49	23.03	24.01	25
		mm	180	200	225	285	315	330	430	465	495	585	610	635
	H2	in	7.48	8.27	8.66	11.42	12.80	16.14	17.13	18.90	19.88	23.81	24.06	25.98
		mm	190	210	220	290	325	410	435	480	505	605	625	660
	H3	in	7.68	8.27	8.46	-	-	-	-	-	-	-	-	-
		mm	195	210	215	-	-	-	-	-	-	-	-	-
	W	in	23.62	39.37	59.05	-	-	-	-	-	-	-	-	-
		mm	600	1000	1500	-	-	-	-	-	-	-	-	-

锻钢全焊接固定球阀 Forged Steel Ball Valve

Class 900/1500Lb



尺寸表 Dimensions data

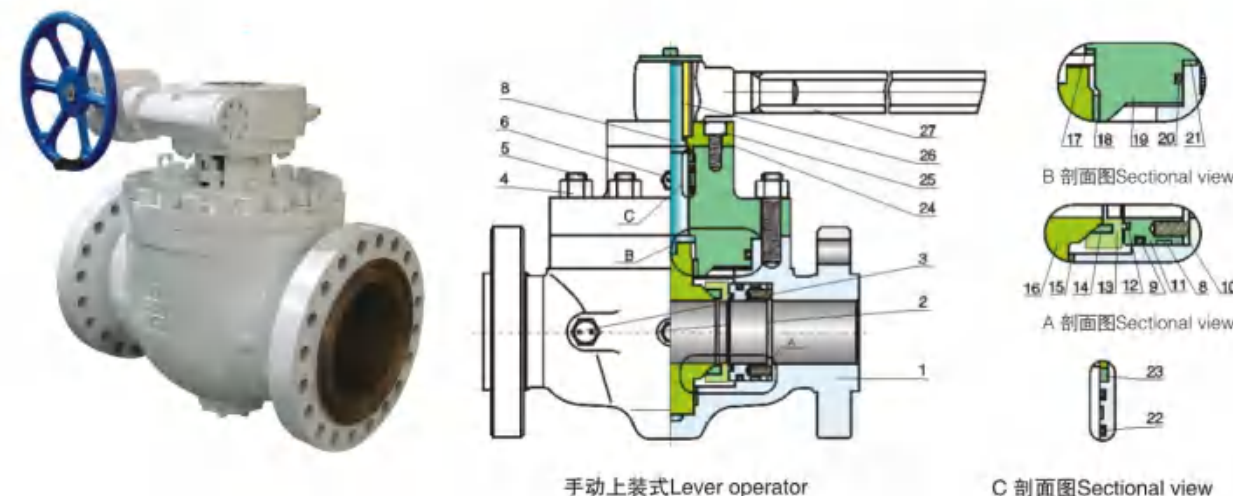
Size	in	2	3	4	6	8	10	12	14	16	18	20	24
	mm				150	200	250	300	350	400	450	500	600
d	in				6	8	10	12	12.75	14.75	16.75	18.625	22.5
	mm				152	203	254	305	324	375	425.5	473	571.5
L	in				24	29	33	38	40.5	44.5	48	52	61
	mm				610	737	838	965	1029	1130	1219	1321	1549
H1	in				12	15.6	16.93	18.3	21.45	24.21	26.97	29.52	35.23
	mm				305	395	430	465	545	615	685	750	895
H2	in				11.81	15.74	16.93	17.91	24.45	24.21	23.39	26.97	30.51
	mm				300	400	430	455	545	615	645	685	775
W	in				27.8	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
	mm				705	800	800	800	800	800	800	800	800
重量WT(Kg)					330	595	935	1485	1955	2975	4010	4710	8285

Size	in	2	3	4	6	8	10	12	14	16	-	-	-
	mm				150	200	250	300	350	400	-	-	-
d	in				5.75	7.625	9.5	11.375	12.5	14.25	-	-	-
	mm				146	194	241	289	317.5	362	-	-	-
L	in				27.75	32.75	39	44.5	49.5	54.5	-	-	-
	mm				705	832	991	1130	1257	1384	-	-	-
H1	in				14.96	19.29	20.07	22.05	25	26.97	-	-	-
	mm				380	490	510	560	635	685	-	-	-
H2	in				11.81	15.75	16.93	18.11	21.65	24.40	-	-	-
	mm				300	400	430	460	550	620	-	-	-
W	in				31.5	31.5	31.5	31.5	31.5	31.5	-	-	-
	mm				800	800	800	800	800	800	-	-	-
重量WT(Kg)					503	795	1615	1945	3350	4615	-	-	-

上装式球阀 Top Entry Ball Valve



阀门结构示意图(手动上装式球阀)/Structural drawing (lever operator)



结构特点/Structueal features

上装式球阀是我厂消化吸收国外先进技术,并综合我公司多年的设计制造经验研制开发出来的新产品,技术水平达到国内一流,产品可与国际同行一相媲美。它除了具有侧装固定球阀的特点外(见固定球阀),还有以下几个特点:

- 1、整体式阀设计,上装式耳轴固定支持,法兰或对接焊结构。
- 2、因科镍波纹弹簧使密封的金属阀座向球移动,具有进口和出口双向密封功能。
- 3、采用独特的阀座可缩回技术,在线可更换内件。
- 4、便于维修,安装方便,使用寿命长。阀门无需从管线上拆下来,即可实现在线维修和更换内件,延长了使用寿命。
- 5、力矩小,密封可靠,球形结构的阀座与普通球阀不一样,可以自动调整密封位置。
- 6、预置驱动装置平台及螺孔,并符合ISO5211的要求,根据用户不同的要求,随时可装配驱动装置。
- 7、阀门具有DBB双阻塞泄放功能。
- 8、手动上装式球阀采用高强度整体式球杆结构,确保了球体的精确定位。
- 9、阀杆采用防吹出保护结构,提高阀门操作的安全性。

Top entry ball valves are new products developed upon the advanced technology abroad and through many years of the designing and manufacturing experience of ours. With technology up to domestic leading level, these products can compete with international counterparts. Besides the features borne by the side entry fixed ball valve (see fixed ball valve), they are also given the features below:

1. One-piece valve body, top entry trunnion to fix and support, flanged or butt welded structure.
2. Inconel bellows spring makes the sealed metal seat moving toward the ball, providing the two way seal function of inlet and out let.
3. Adopting distinctive technology of retractable valve seat, on side replace stem, valve stem sealing ring, metal seat and bellow spring, and torque down to the minimum for the ease of operation.
4. Easy to repair and install, long performance life. Access for repair and replacement of trims can be done without removing the valve from the pipeline, thus to lengthen the service life.
5. Low torque, reliable sealing, and spherical seat different from ordinary ball valves, which can automatically adjust the position of seal.
6. Preset platform and bolt holes for drive device, and to ISO5211. Drive device can be installed according to users' different requirements.
7. DBB (double block and bleed) function.
8. Hand operated top entry ball valve adopts high strength one-piece stem structure to ensure the precise positioning of the ball.
9. Anti-blowout protective structure of valve stem to enhance the operational safety of the valve.

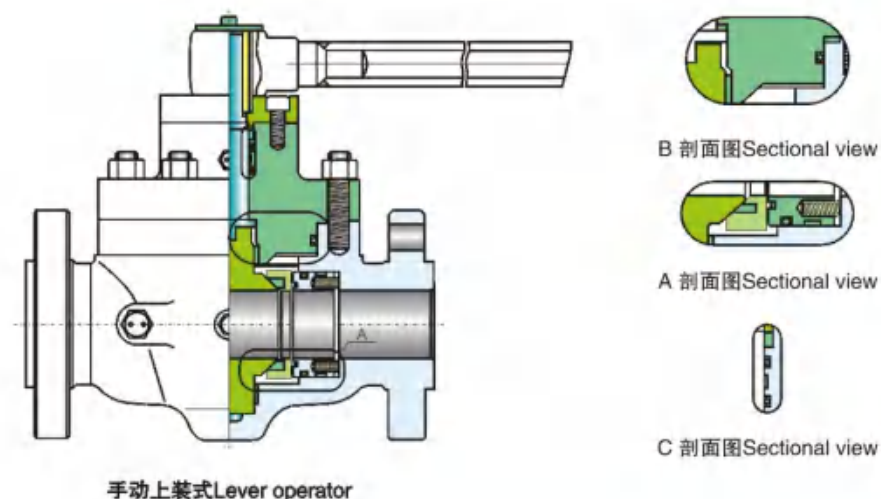
球阀技术规范/Ball valve technical specifications

技术规范 Technical specification	API系列 Series
设计标准 Design codes	API6D、API608、BS5351
压力温度等级 Pressure/Temperature rating	ASME B16.34
结构长度 Face to face dimension	ASME B16.10
法兰连接 Flange ends	ASME B16.5、ASME B16.47
对焊端连接 Butt weld ends	ASME B16.25
检验与试验 Inspection and test	API598/API6D
防火试验 Firesafe test	API 607
铸钢件质量检验 Inspection of castings quality	MSS-SP-55

上装式球阀 Top Entry Ball Valve



阀门结构示意图(手动上装式球阀)/Structural drawing (lever operator)



产品性能规范/Product function specification

性能规范Function specification		CLASS						
		150	300	400	600	900	1500	2500
试验压力 Test pressure (MPa)	强度试验Shell test	3.0	7.5	10.2	150	22.5	39.0	63.0
	密封试验Seat test	2.2	5.5	7.0	11	17.6	27.5	46.2
	气压试验Air test	0.6MPa						
适用温度Applicable temperature		-196℃~550℃ (注: 不同工况温度, 选用不同的材质) -196℃~550℃(Note: Choosing a suitable material based on different working temperature in service)						
适用介质 Applicable medium		水、蒸汽、石油、液化气、天然气等 Water, Steam, Petroleum, LPG, Natural gas etc.						
尺寸范围Size range		DN50~1200 (NP2 "48") 。可根据客户的要求制造DN50~1200(NP2"-48") Design and manufacture on customer's requirements						
主体/内体材料Body/Trim material		碳钢、不锈钢、双相不锈钢、镍合金、钛材Carbon steel, Stainless steel, Duplex SS, Nickel alloy, Titanium alloy						
端部连接Ends connection		法兰连接、对接焊连接 Flange ends, Butt weld ends						
驱动装置Operator		手动、蜗轮蜗杆传动、电动、气动 Lever, Gear, Electric, Pneumatic						

主要材料/Main materials

壳体材料	内件材料	密封材料	垫片、填料
WCB,LCB,CF8,CF8M	410,420,304,316,321	PTFE,RPTFE,PEEK,PPL	柔性石墨, PTFE,PPL

上装式球阀 Top Entry Ball Valve



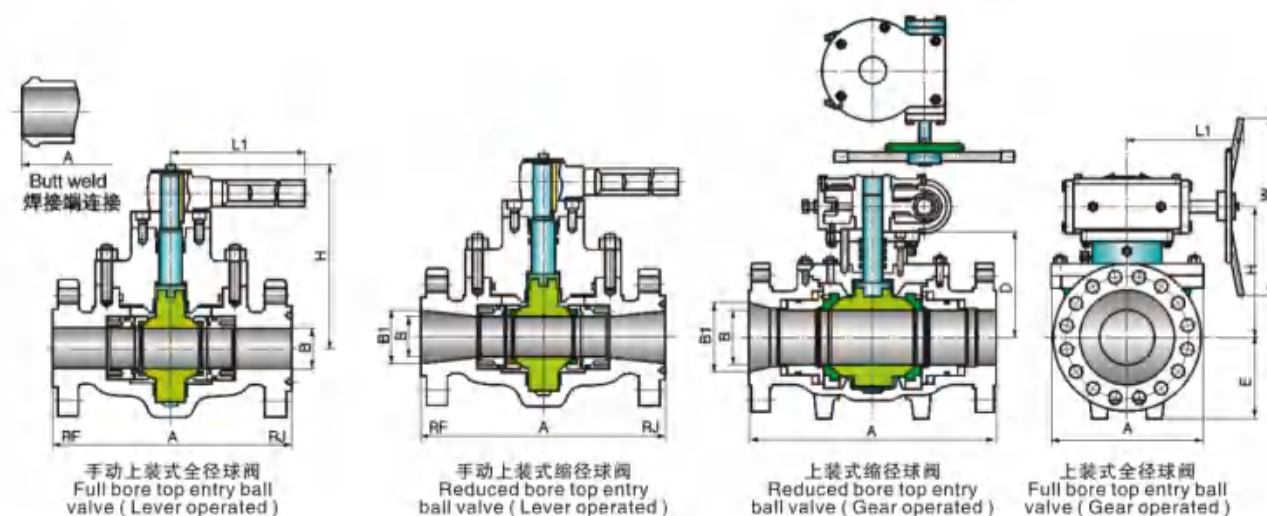
力矩表(N.M)/Torque table

下表所列的扭矩值供选择驱动装置时参考,介质的特性,内件及阀门的开启频率尚需作额外因素考虑。使用防腐内件,用于清洁润滑介质的阀门,扭矩可降低20%。而对苛刻介质,如料浆、颗粒性介质,以及用于氧气,扭矩可能要增加50%。对于缩径阀门的操作扭矩按其缩口所对应的通径的阀门操作扭矩选用。(具体选择按实际为准)。

The torque figure listed below are for the reference to choose a drive device. The properties of medium, trims and valve open frequency shall be considered as extra factors. For instance, valves with corrosion-resistant trims to deal with clean lubricating mediums, their torque may be lowered by 20%. However, to deal with stringent mediums like slurry, granular medium and oxygen, the torque may be increased by 50%. The operating torque for reduced bore valves is subject to the corresponding full bore valve diameter. (Specific options as per the actual).

通径 Nominal		CLASS						
DN	in	150	300	400	600	900	1500	2500
50 × 40	11/2	61	81	85	102	149	/	/
50	2	68	108	97	136	203	333	562
80 × 50	3 × 2	68	108	97	136	203	333	562
80	3	149	244	204	305	422	811	1460
100 × 80	4 × 3	149	244	204	305	422	811	1460
100	4	244	407	422	453	583	1505	1923
150 × 100	6 × 4	244	407	422	453	583	1505	5840
150	6	323	544	647	1006	1299	2940	5840
200 × 150	8 × 6	323	544	647	1006	1299	2940	12181
200	8	647	955	1157	2532	2766	6489	12181
250 × 200	10 × 8	647	955	1157	2532	2766	6489	15281
250	10	882	1822	2178	3941	5446	12181	15281
300 × 250	12 × 10	882	1822	2178	3941	5446	12181	15281
350 × 250	14 × 10	882	1822	2178	3941	5446	12181	19834
300	12	1577	2591	3064	6893	7909	15564	/
350 × 300	14 × 12	1577	2591	3064	6893	7909	15564	/
400 × 300	16 × 12	1577	2591	3064	6893	7909	15564	/
350	14	1873	3224	3853	3205	10948	23512	/
400 × 350	16 × 14	1873	3224	3853	3205	10948	23512	/
400	16	3050	5447	6529	8817	13682	27039	/
450 × 400	18 × 16	3050	5447	6529	8817	13682	27039	/
500 × 400	20 × 16	3050	5447	6529	8817	13682	27039	/
450	18	3819	6197	7461	11231	17705	37085	/
500	20	4508	7830	9348	14919	29866	40309	/
550	22	5490	9453	11302	16058	39324	/	/
600 × 500	24 × 20	4508	7830	9348	15140	29866	40309	/
600	24	6723	11457	15535	21840	40810	64671	/
650	26	9289	15139	17869	24889	51322	/	/
700	28	11647	18067	21063	28767	53515	/	/
750 × 600	30 × 24	6723	11457	15535	21840	40810	/	/
750	30	13558	19207	24966	34398	57057	/	/
800	32	15224	24095	28235	38880	61123	/	/
850	34	17846	30249	33291	41789	70277	/	/
900 × 750	36 × 30	13558	19207	24966	34398	57057	/	/
900	36	22032	33331	36277	51521	81349	/	/
1000	40	25972	36490	45269	60368	/	/	/
1050	42	27034	40425	53515	70277	/	/	/
1200	48	42606	64985	79311	112293	/	/	/

上装式球阀 Top Entry Ball Valve

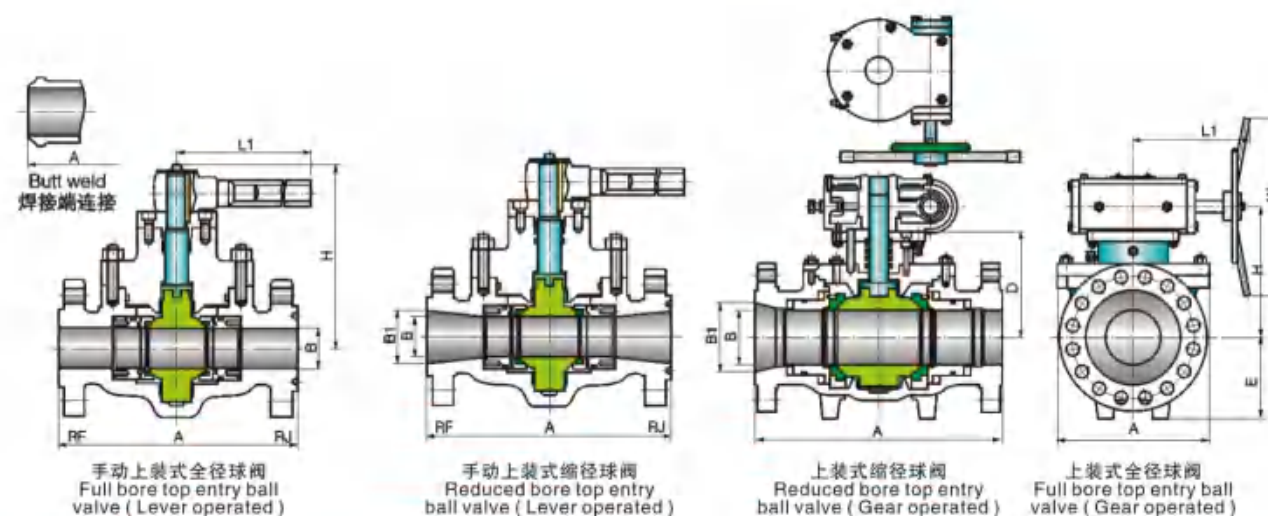


主要外型尺寸/Main appearance and connection size

CLASS150

DN	NPS	RF	A RJ	BW	B	B1	D	E	F	H	L1	W	重量 Weight kg/RF
50 × 40	2 × 1 1/2	292	295	292	38	51	/	85	180	212	450	/	25
50	2	292	295	295	51	51	/	85	180	212	450	/	28
80 × 50	3 × 2	356	395	356	51	77	/	85	180	212	450	/	37
80	3	356	395	356	77	77	/	112	230	228	600	/	55
100 × 80	4 × 3	432	435	432	77	102	/	112	230	228	600	/	75
100	4	432	435	432	102	102	/	145	283	272	600	/	105
150 × 100	6 × 4	559	562	559	102	152	/	145	283	272	600	/	140
150	6	559	562	559	152	152	281	220	325	333	297	350	235
200 × 150	8 × 6	660	664	660	152	203	281	220	325	333	297	350	265
200	8	660	664	660	203	203	320	260	405	384	360	500	430
250 × 200	10 × 8	787	791	787	203	254	320	260	405	384	360	500	480
250	10	787	791	787	254	254	360	311	490	424	360	500	475
300 × 250	12 × 10	838	841	838	254	305	360	311	490	424	360	500	510
350 × 250	14 × 10	889	892	889	254	337	360	311	490	424	360	500	690
300	12	838	841	838	305	305	403	366	570	467	340	700	610
350 × 300	14 × 12	889	892	889	305	337	403	366	570	467	340	700	820
400 × 300	16 × 12	991	994	991	305	387	403	366	570	467	340	700	970
350	14	889	892	889	337	337	453	428	660	517	340	700	795
400 × 350	16 × 14	991	994	991	387	337	453	428	660	517	340	700	955
400	16	991	994	991	387	387	459	450	700	549	545	700	1160
450 × 400	18 × 16	1092	1095	1092	387	438	450	450	700	549	545	700	1295
500 × 400	20 × 16	1194	1200	1194	387	489	459	450	700	549	545	700	1590
450	18	1092	1095	1092	438	438	502	473	755	577	575	700	1570
500 × 450	20 × 18	1194	1200	1194	438	489	502	473	755	577	575	700	1800
500	20	1194	1200	1194	489	489	551	580	870	626	575	700	2000
600 × 500	24 × 20	1397	1406	1397	489	591	551	580	870	626	575	700	2440
550	22	1295	1305	1295	540	540	578	590	955	653	575	700	2830
600	24	1397	1406	1397	591	591	606	600	1030	696	579	700	3300
750 × 600	30 × 24	1651	1664	1651	591	736	606	600	1030	696	579	700	4100
650	26	1448	1460	1448	635	635	675	635	1075	765	570	700	3970
700	28	1549	1562	1549	686	686	735	700	1165	825	579	700	4755
750	30	1651	1664	1651	736	736	795	775	1250	865	579	700	5820
900 × 750	36 × 30	2083	2098	2083	736	876	795	775	1250	865	579	700	7200
800	32	1778	1794	1778	781	781	840	825	1325	1012	605	620	7240
850	34	1930	1946	1930	832	832	875	880	1410	1047	605	620	7960
900	36	2083	2098	2083	876	876	931	930	1475	1103	605	620	9300
1000	40	2337	2337	2337	978	978	1015	1025	1640	1170	950	1400	12950
1050	42	2437	2437	2437	1022	1022	1065	1080	1710	1220	950	1400	15200
1200	48	2540	2540	2540	1168	1168	1180	1225	1940	1335	950	1400	22750

上装式球阀 Top Entry Ball Valve

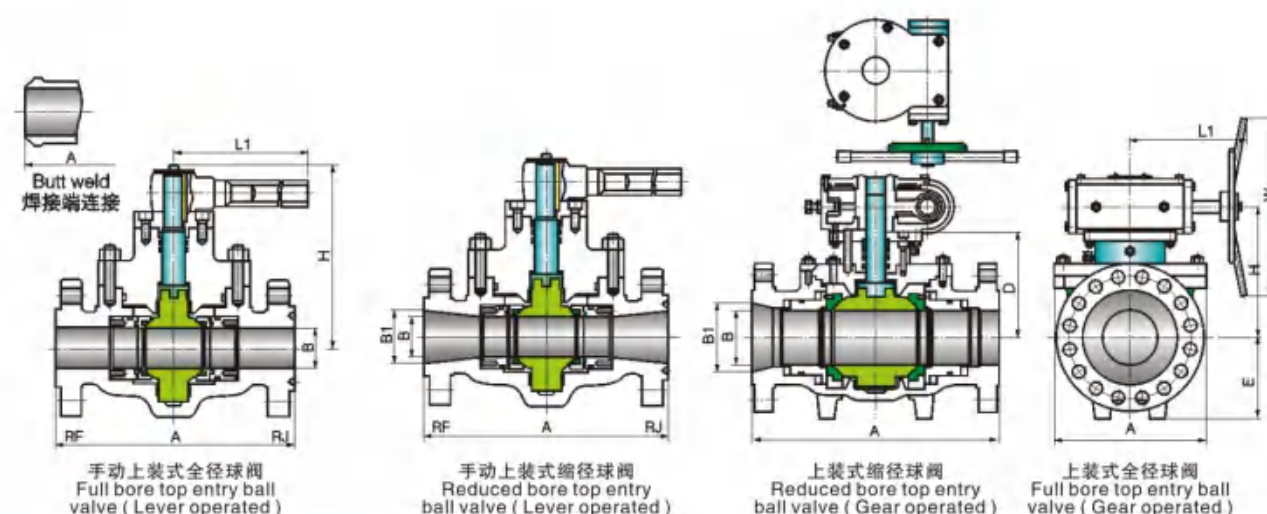


主要外型尺寸/Main appearance and connection size

CLASS300

DN	NPS	RF	A RTJ	BW	B	B1	D	E	F	H	L1	W	重量 Weight kg/RF
50 × 40	2 × 1 1/2	292	295	292	38	51	/	85	180	212	450	/	29
50	2	292	295	292	51	51	/	85	180	212	450	/	33
80 × 50	3 × 2	356	359	356	51	77	/	85	180	212	450	/	43
80	3	356	359	356	77	77	/	112	230	228	600	/	64
100 × 80	4 × 3	432	435	432	77	102	/	112	230	228	600	/	88
100	4	432	435	432	102	102	/	145	283	272	1000	/	123
150 × 100	6 × 4	559	562	559	102	152	/	145	283	272	1000	/	164
150	6	559	562	559	152	152	281	220	325	345	360	500	275
200 × 150	8 × 6	660	664	660	152	203	281	220	325	345	360	500	311
200	8	660	664	660	203	203	330	260	405	385	340	700	505
250 × 200	10 × 8	787	791	787	203	254	330	260	405	385	340	700	563
250	10	787	791	787	254	254	371	311	490	426	340	700	557
300 × 250	12 × 10	838	841	838	254	305	371	311	490	426	340	700	598
350 × 250	14 × 10	889	892	889	254	337	371	311	490	426	340	700	809
300	12	838	841	838	305	305	418	366	570	473	340	700	715
350 × 300	14 × 12	889	892	889	305	337	418	366	570	473	340	700	9630
400 × 300	16 × 12	991	994	991	305	387	418	366	570	473	340	700	1135
350	14	889	892	889	337	337	470	428	660	530	545	700	932
400 × 350	16 × 14	991	994	991	387	337	470	428	660	530	545	700	1120
400	16	991	994	991	387	387	477	450	700	537	545	700	1360
450 × 400	18 × 16	1092	1095	1092	387	438	477	450	700	537	545	700	1518
500 × 400	20 × 16	1194	1200	1194	387	489	477	450	700	537	545	700	1865
450	18	1092	1095	1092	438	438	522	473	755	597	575	700	1840
500 × 450	20 × 18	1194	1200	1194	438	489	522	473	755	597	575	700	2110
500	20	1194	1200	1194	489	489	573	580	880	663	579	700	2340
600 × 500	24 × 20	1397	1406	1397	489	591	573	580	880	663	579	700	2860
550	22	1295	1305	1295	540	540	600	590	965	690	579	700	3320
600	24	1397	1406	1397	591	591	631	600	1040	721	579	700	3870
750 × 600	30 × 24	1651	1664	1651	591	736	631	600	1040	721	579	700	4810
650	26	1448	1460	1448	635	635	702	635	1085	874	605	620	4655
700	28	1549	1562	1549	686	686	764	700	1175	919	950	1400	5575
750	30	1651	1664	1651	736	736	827	775	1265	982	950	1400	6825
900 × 750	36 × 30	2083	2098	2083	736	876	827	775	1265	982	950	1400	8440
800	32	1778	1794	1778	781	781	874	825	1340	1029	950	1400	8490
850	34	1930	1946	1930	832	832	910	880	1425	1065	950	1400	9335
900	36	2083	2098	2083	876	876	968	930	1490	1123	950	1400	10900
1000	40	2337	2337	2337	978	978	1056	1025	1655	1211	950	1400	15185
1050	42	2437	2437	2437	1022	1022	1107	1080	1725	1262	950	1400	17820
1200	48	2540	2540	2540	1168	1168	1228	1225	1960	1499	1045	1400	26675

上装式球阀 Top Entry Ball Valve



主要外型尺寸/Main appearance and connection size

CLASS600

DN	NPS	RF	A RJ	BW	B	B1	D	E	F	H	L1	W	重量 Weight kg/RF
50 × 40	2 × 1 1/2	292	295	292	38	51	/	85	180	212	450	/	33
50	2	292	295	295	51	51	/	85	180	212	600	/	37
80 × 50	3 × 2	356	395	356	51	77	/	85	180	212	600	/	48
80	3	356	395	356	77	77	/	112	230	228	1000	/	72
100 × 80	4 × 3	432	435	432	77	102	/	112	230	228	1000	/	97
100	4	432	435	432	102	102	/	145	283	250	1000	/	137
150 × 100	6 × 4	559	562	559	102	152	/	145	283	250	1000	/	181
150	6	559	562	559	152	152	281	220	325	336	340	700	302
200 × 150	8 × 6	660	664	660	152	203	281	220	325	336	340	700	340
200	8	660	664	660	203	203	340	260	425	395	340	700	560
250 × 200	10 × 8	787	791	787	203	254	340	260	425	395	340	700	625
250	10	787	791	787	254	254	355	311	505	415	545	700	710
300 × 250	12 × 10	838	841	838	254	305	355	311	505	415	545	700	760
350 × 250	14 × 10	889	892	889	254	337	355	311	505	415	545	700	1030
300	12	838	841	838	305	305	401	366	585	461	545	700	910
350 × 300	14 × 12	889	892	889	305	337	401	366	585	461	545	700	1230
400 × 300	16 × 12	991	994	991	305	387	401	366	585	461	545	700	1450
350	14	889	892	889	337	337	451	428	680	526	575	700	1190
400 × 350	16 × 14	991	994	991	387	337	451	428	680	526	575	700	1430
400	16	991	994	991	387	387	493	450	730	568	575	700	1735
450 × 400	18 × 16	1092	1095	1092	387	438	493	450	730	568	575	700	1940
500 × 400	20 × 16	1194	1200	1194	387	489	493	450	730	568	575	700	2380
450	18	1092	1095	1092	438	438	539	473	784	629	579	700	2350
500 × 450	20 × 18	1194	1200	1194	438	489	539	473	784	629	579	700	2700
500	20	1194	1200	1194	489	489	592	580	900	682	579	700	3000
600 × 500	24 × 20	1397	1406	1397	489	591	592	580	900	682	579	700	3660
550	22	1295	1305	1295	540	540	621	590	890	711	579	700	4240
600	24	1397	1406	1397	591	591	653	600	1070	808	950	1400	4950
750 × 600	30 × 24	1651	1664	1651	591	736	653	600	1070	808	950	1400	6150
650	26	1448	1460	1448	635	635	725	635	1115	880	950	1400	5950
700	28	1549	1562	1549	686	686	790	700	1210	945	950	1400	7130
750	30	1651	1664	1651	736	736	850	775	1300	1005	950	1400	8730
900 × 750	36 × 30	2083	2098	2083	736	876	850	775	1300	1005	950	1400	10800
800	32	1778	1794	1778	781	781	900	825	1380	1055	950	1400	10850
850	34	1930	1946	1930	832	832	940	880	1460	1095	950	1400	11930
900	36	2083	2098	2083	876	876	1000	930	1535	1155	950	1400	13950
1000	40	2337	2337	2337	978	978	1090	1025	1700	1360	1045	1400	19420
1050	42	2437	2437	2437	1022	1022	1140	1080	1775	1410	1045	1400	22350
1200	48	2540	2540	2540	1168	1168	1270	1225	2015	1570	1080	1400	32340



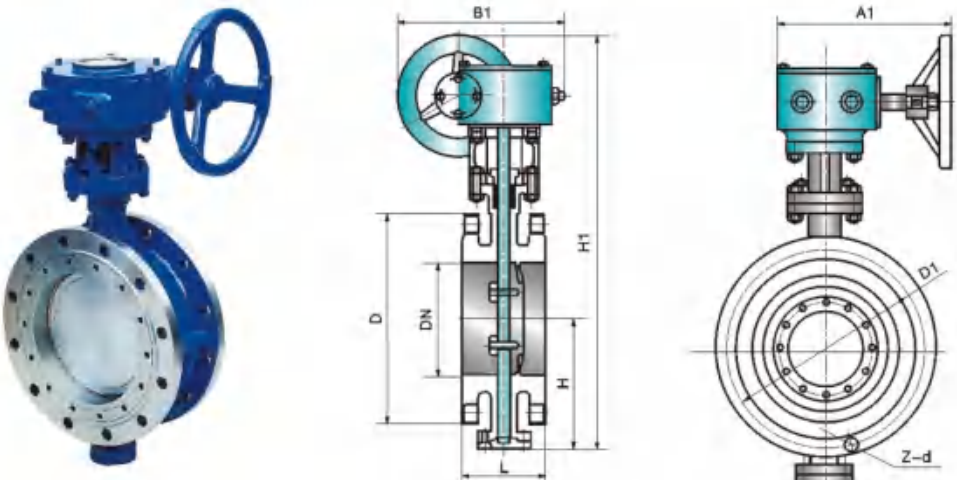
Butterfly Valve Series 蝶阀系列



追求更完美的质量!
Seeking for more perfect quality!

合理的结构, 完美的设计, 对于品质的追求我们总是比别人做的更好!
Reasonable structure and perfect design. We are always better than others in the pursuit toward quality.

硬密封蝶阀
Metal-seal Butterfly Valve



D343H

产品执行标准 Production enforce standard

产品规范 Product Specification	设计规范 Design Spec.	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test & Check	产品标识 Marking	供货规范 Supply
	GB/T 12238	GB/T 12221	JB/T 78, JB/T 79	GB/T 13927	GB/T 12220	JB/T 7928

产品性能规范 Chief property and specification

1、试验压力 Test pressure

公称压力(Lb) Nominal Pressure	试验压力(MPa) Test pressure	
	壳体强度试验 Shell strength test	密封试验 Seal test
0.6	0.9	0.66
1.0	1.5	1.1
1.6	2.4	1.8
2.5	3.8	2.8
4.0	6.0	4.4

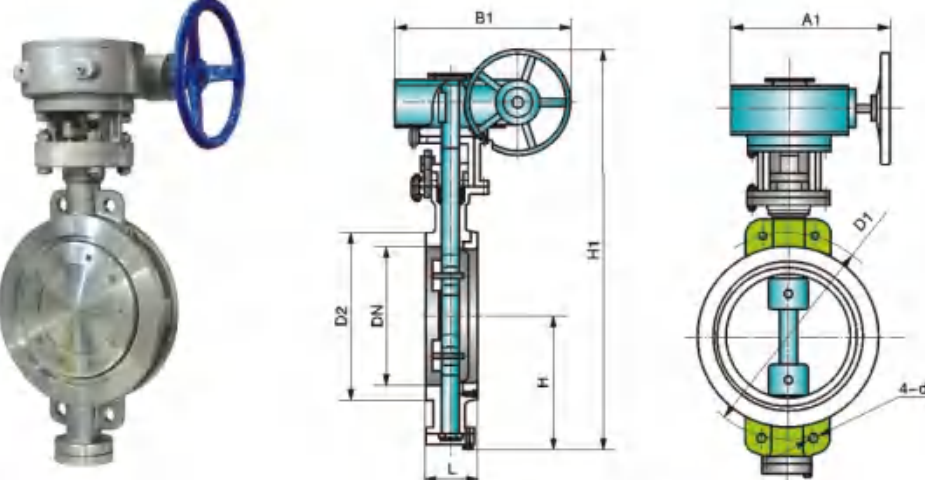
2、适用介质及适用温度 Applicable medium & applicable temperature

产品类型 Product type	适用介质 Applicable medium	适用温度(°C) Applicable temperature
碳钢型(C) Carbon steel type	水、水蒸汽、油、蒸汽 Water, Steam, oil goods, Air	≤300
合金钢型(I) Alloy steel type	油品、蒸汽 oil goods, steam	≤650
不锈钢高温型(II) Stainless steel type	蒸汽、油品、酸类、海水 Steam, Oil goods, Acid and the like, Sea-water	≤900

主要零件材料 Material for main parts

阀体 Body		蝶板 Disc		转轴 Stem		衬套 Bushing		阀座 Seat	
材料名称 Material	代号 Code	材料名称 Material	代号 Code	材料名称 Material	材料名称 Material	材料名称 Material	代号 Code	材料名称 Material	适用温度°C Applicable temperature
灰铸铁 Cast Iron	Z	电镀球墨铸铁 Plated Ductile Iron	B1	不锈钢 Stainless Steel	天然胶 NR		X1	-20~+85 -29~+135	
球墨铸铁 Ductile Iron	Q	铜合金 Copper Alloy	B2	耐腐蚀镍 Anti-corrosion Nickel	海伯伦 Hypalon		X2	短时 Intermittent -35~+149 -46~+121	
铜合金 Copper Alloy	L	不锈钢 Stainless Steel	B3	润滑青铜 Lubricated Bronze	乙丙橡胶 EPDM		X3	短时 Intermittent -50~+150 -29~+99	
不锈钢 Stainless Steel	P	工业纯钛 (Industrial Pure Titanium)	B4	镍铜合金 Nickel-copper Alloy	氯丁橡胶 Neoprene		X4	短时 Intermittent -35~+113 -23~+82	
碳钢 Carbon Steel	C	特种耐腐蚀钢 Special Anticorrosion Steel	B5	碳钢 Carbon Steel	丁腈橡胶 NBR		X5	短时 Intermittent -35~+113 -23~+82	
					耐磨橡胶 Wear-resistant Rubber		X6	短时 Intermittent -23~+93 -10~+50 -23~+150	
					氟化橡胶 Viton		X7		
					耐热乙丙橡胶 Heat-resistant EPDM		X9	-20~+150	
					聚四氟乙烯塑料 PTFE		F4	-10~+150	

对夹式硬密封蝶阀
Wafer Metal Butterfly Valve



D373H

对夹式弹性金属硬密封蝶阀 Wafer type elastic metallic hard sealing butterfly valve

单位 Unit: mm

公称通径 DN Nominal diameter		结构长度(标准值) Structure length (standard)	外形尺寸(参考值) External dimension (consult)										连接尺寸(标准值) Connection dimension (standard)			
			D373H		D673H		D973H		PN0.6MPa		PN1.0MPa					
毫米 mm	英寸 inch	L	H	H1	A1	B1	H2	A2	B2	H3	A3	B3	D1	Z-d	D1	Z-d
50	2	43	112	350	180	200	625	245	72	530	250	255	110	4-14	125	4-18
65	2 1/2	46	115	370	180	200	625	245	72	530	250	255	130	4-14	145	4-18
80	3	49	120	380	180	200	645	245	72	565	250	255	150	4-18	160	8-18
100	4	56	138	420	180	200	675	355	92	600	250	255	170	4-18	180	8-18
125	5	64	164	460	180	200	715	355	92	640	250	255	200	8-18	210	8-18
150	6	70	175	555	270	280	800	355	92	705	300	315	225	8-18	240	8-22
200	8	71	208	605	270	280	850	250	170	775	300	315	280	8-18	295	8-22
250	10	76	243	680	270	280	925	250	170	945	300	315	335	12-18	350	12-22
300	12	83	283	800	380	420	1035	450	220	1070	300	315	395	12-22	400	12-22
350	14	92	310	835	380	420	1070	450	220	1140	300	315	445	12-22	460	16-22
400	16	102	340	915	450	470	1190	450	220	1210	300	315	495	16-22	515	16-26
450	18	114	380	960	480	490	1250	650	280	1335	575	714	550	16-22	565	20-26
500	20	127	410	1020	480	490	1290	650	280	1415	575	714	600	20-22	620	20-26
600	24	154	470	1225	480	490	1455	850	380	1605	656	810	705	20-26	725	20-30
700	28	165	550	1355	640	660	1585	850	380	1844	656	810	810	24-26	840	24-30
800	32	190	640	1470	640	660	1700	1250	380	2040	656	810	920	24-30	950	24-33
900	36	203	710	1545	750	860	1965	1250	380	2255	785	863	1020	24-30	1050	28-33
1000	40	216	770	1795	850	900	2015	1250	380	2380	785	863	1120	28-30	1160	28-36
1200	48	254	890	1965	850	900	2250	1250	380	2640	785	863	1340	32-33	1380	32-39

对夹式硬密封蝶阀
Wafer Metal Butterfly Valve



D73/373/673/973H-6-16(C/P/R)

对夹式弹性金属硬密封蝶阀 Wafer type elastic metallic hard sealing butterfly valve 单位Unit: mm

公称通径DN Nominal diameter		结构长度(标准值) Structure length (standard)	外形尺寸(参考值) External dimension(consult)										连接尺寸(标准值) Connection dimension(standard)			
			H	D373H			D673H			D973H		PN1.6MPa		PN2.5MPa		
				H1	A1	B1	H2	A2	B2	H3	A3	B3	D1	Z-d	D1	Z-d
毫米mm	英寸inch	L														
50	2	43	112	350	180	200	625	245	72	530	250	255	125	4-14	125	4-18
65	2 1/2	46	115	370	180	200	625	245	72	530	250	255	145	4-14	145	8-18
80	3	49	120	380	180	200	645	245	72	565	250	255	160	8-18	160	8-18
100	4	56	138	420	180	200	675	355	92	600	250	255	180	8-18	190	8-22
125	5	64	164	460	180	200	715	355	92	640	250	255	210	8-18	220	8-26
150	6	70	175	555	270	280	800	355	92	705	300	315	240	8-22	250	8-26
200	8	71	208	605	270	280	850	250	170	775	300	315	295	12-22	310	12-26
250	10	76	243	680	270	280	925	250	170	945	300	315	355	12-26	370	12-30
300	12	83	283	825	380	420	1035	450	220	1070	300	315	410	12-26	430	16-30
350	14	92	310	900	380	420	1070	450	220	1140	300	315	470	16-26	490	16-33
400	16	102	340	980	450	470	1190	450	220	1210	300	315	525	16-30	550	16-36
450	18	114	380	1030	480	490	1250	650	280	1335	575	714	585	20-30	600	20-36
500	20	127	410	1105	480	490	1290	650	280	1415	575	714	650	20-33	660	20-36
600	24	154	470	1310	480	490	1455	850	380	1605	656	810	770	20-36	770	20-39
700	28	165	550	1435	640	660	1585	850	380	1844	656	810	840	24-36	875	24-42
800	32	190	640	1605	640	660	1700	1250	380	2040	656	810	950	24-39	990	24-48
900	36	203	710	1745	750	860	1865	1250	380	2255	785	863	1050	28-39	1090	28-48
1000	40	216	770	1885	850	900	2015	1250	380	2380	785	863	1170	28-42	1210	28-56
1200	48	254	890	2105	850	900	2250	1250	380	2640	785	863	1390	32-48	1420	32-56

用户注意: 表中H1、H2、H3、L尺寸均可根据用户需要调整, 若需特殊材料定货时提出。
User's attention: Dimension of H1, H2, H3 in form can lengthen (long stem butterfly valve) according to customer's requirements, if need long series or special material should be mentioned while ordering.

对夹式弹性金属硬密封蝶阀 Wafer type elastic metallic hard sealing butterfly valve 单位Unit: mm

公称通径DN Nominal diameter		结构长度(标准值) Structure length (standard)		外形尺寸(参考值) External dimension(consult)										连接尺寸(标准值) Connection dimension(standard)			
				H		D373H			D673H			D973H		PN4.0MPa			
						H1	A1	B1	H2	A2	B2	H3	A3	B3	D1	Z-d	
毫米mm	英寸inch	L															
50	2	43	112	350	180	200	625	250	170	530	250	255	125	4-18			
65	2 1/2	46	115	370	270	280	625	250	170	530	250	255	145	8-18			
80	3	49	120	380	270	280	645	250	170	565	250	255	160	8-18			
100	4	56	138	420	270	280	675	250	170	600	250	255	190	8-22			
125	5	64	164	460	380	420	715	450	220	640	250	255	220	8-26			
150	6	70	175	555	380	420	800	450	220	705	300	315	250	8-26			
200	8	71	208	605	450	470	850	450	220	775	300	315	320	12-30			
250	10	76	243	680	450	470	925	450	280	945	300	315	385	12-33			
300	12	83	283	825	450	470	1035	650	280	1070	300	315	450	16-33			
350	14	92	310	900	480	490	1070	650	280	1140	300	315	510	16-36			
400	16	102	340	980	480	490	1190	650	280	1210	300	315	585	16-39			
450	18	114	380	1030	640	660				1335	575	714	610	20-39			
500	20	127	410	1105	640	660				1415	575	714	670	20-42			

用户注意: 表中H1、H2、H3、L尺寸均可根据用户需要调整, 若需特殊材料定货时提出。
User's attention: Dimension of H1, H2, H3 in form can lengthen (long stem butterfly valve) according to customer's requirements, if need long series or special material should be mentioned while ordering.

法兰硬密封蝶阀
Flanged Metal-seal Butterfly Valve



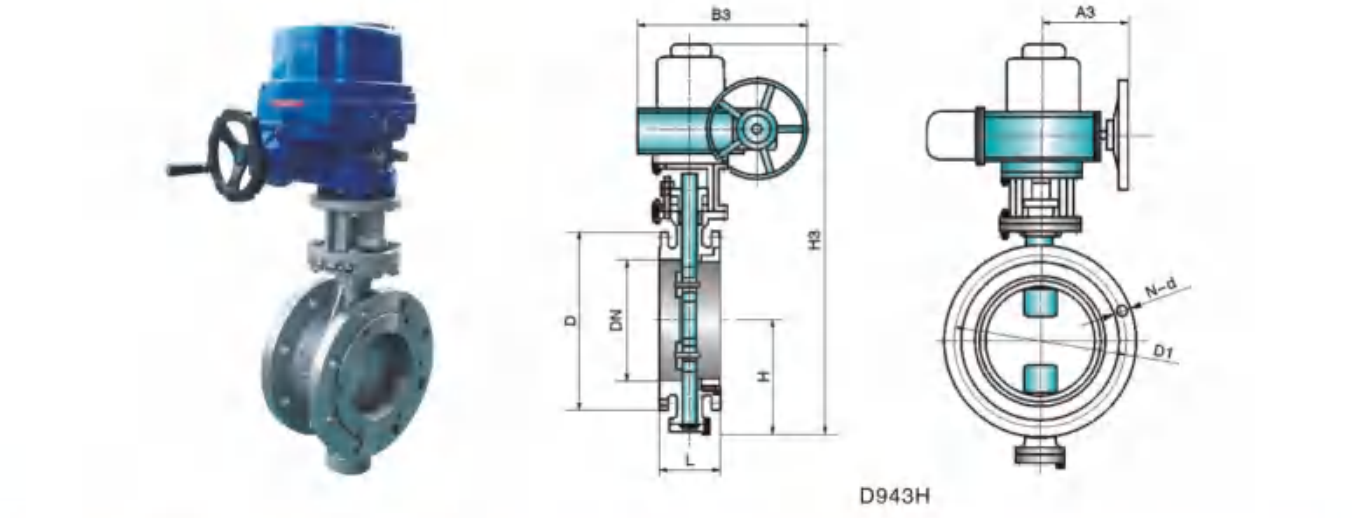
D343/643/943H-6-40(C/P/R)

法兰式弹性金属硬密封蝶阀 Flange type elastic metallic hard sealing butterfly valve 单位Unit: mm

D943H

法兰式弹性金属硬密封蝶阀 Flange type elastic metallic hard sealing butterfly valve 单位Unit: mm

公称通径DN Nominal diameter		结构长度 (标准值) Structure length (standard)		外形尺寸(参考值) External dimension(consult)										连接尺寸(标准值) Connection dimension(standard)						
				L	H	D343H			D643H			D943H		PN0.6MPa		PN1.0MPa				
						H1	A1	B1	H2	A2	B2	H3	A3	B3	D	D1	Z-d	D	D1	Z-d
毫米 mm	英寸 inch	短 Brief	长 Long																	
50	2	108	150	112	350	180	200	625	245	72	530	250	255	140	110	4-14	165	125	4-18	
65	2 1/2	112	170	115	370	180	200	625	245	72	530	250	255	160	130	4-14	185	145	4-18	
80	3	114	180	120	380	180	200	645	245	72	565	250	255	190	150	4-18	200	160	8-18	
100	4	127	190	138	420	180	200	675	355	92	600	250	255	210	170	4-18	220	180	8-18	
125	5	140	200	164	460	180	200	715	355	92	640	250	255	240	200	8-18	250	210	8-18	
150	6	140	210	175	555	270	280	800	355	92	705	300	315	265	225	8-18	285	240	8-22	
200	8	152	230	208	605	270	280	850	250	170	775	300	315	320	280	8-18	340	295	8-22	
250	10	165	250	243	680	270	280	925	250	170	945	300	315	375	335	12-18	395	350	12-22	
300	12	178	270	283	800	380	420	1035	450	220	1070	300	315	440	395	12-22	445	400	12-22	
350	14	190	290	310	835	380	420	1070	450	220	1140	300	315	490	445	12-22	505	460	16-22	
400	16	216	310	340	915	450	470	1190	450	220	1210	300	315	540	495	16-22	565	515	16-26	
450	18	222	330	380	960	480	490	1250	650	280	1335	575	714	595	550	16-22	615	565	20-26	
500	20	229	350	410	1020	480	490	1290	650	280	1415	575	714	645	600	20-22	670	620	20-26	
600	24	267	390	470	1225	480	490	1455	850	380	1605	656	810	755	705	20-26	780	725	20-30	
700	28	292	430	550	1355	640	660	1585	850	380	1844	656	810	860	810	24-26	895	840	24-30	
800	32	318	470	640	1470	640	660	1700	1250	380	2040	656	810	975	920	24-30	1015	950	24-33	
900	36	330	510	710	1545	750	860	1865	1250	380	2255	785	863	1075	1020	24-30	1115	1050	28-33	
1000	40	410	550	770	1795	850	900	2015	1500	580	2380	785	863	1175	1120	28-30	1230	1160	28-36	
1200	48	470	630	890	1965	850	900	2226	1500	580	2640	785	863	1405	1340	32-33	1455	1380	32-39	



法兰式弹性金属硬密封蝶阀 Flange type elastic metallic hard sealing butterfly valve 单位Unit: mm

公称通径DN Nominal diameter		结构长度 (标准值) Structure length (standard)		外形尺寸(参考值) External dimension(consult)												连接尺寸(标准值) Connection dimension(standard)					
				L	H	D343H			D643H			D943H			PN0.6MPa			PN1.0MPa			
		毫米 mm	英寸 inch			短 Brief	长 Long	H1	A1	B1	H2	A2	B2	H3	A3	B3	D	D1	Z-d	D	D1
50	2	108	150	112	350	180	200	625	245	72	530	250	255	140	110	4-14	165	125	4-18		
65	2 1/2	112	170	115	370	180	200	625	245	72	530	250	255	160	130	4-14	185	145	4-18		
80	3	114	180	120	380	180	200	645	245	72	565	250	255	190	150	4-18	200	160	8-18		
100	4	127	190	138	420	180	200	675	355	92	600	250	255	210	170	4-18	220	180	8-18		
125	5	140	200	164	460	180	200	715	355	92	640	250	255	240	200	8-18	250	210	8-18		
150	6	140	210	175	555	270	280	800	355	92	705	300	315	265	225	8-18	285	240	8-22		
200	8	152	230	208	605	270	280	850	250	170	775	300	315	320	280	8-18	340	295	8-22		
250	10	165	250	243	680	270	280	925	250	170	945	300	315	375	335	12-18	395	350	12-22		
300	12	178	270	283	800	380	420	1035	450	220	1070	300	315	440	395	12-22	445	400	12-22		
350	14	190	290	310	835	380	420	1070	450	220	1140	300	315	490	445	12-22	505	460	16-22		
400	16	216	310	340	915	450	470	1190	450	220	1210	300	315	540	495	16-22	565	515	16-26		
450	18	222	330	380	960	480	490	1250	650	280	1335	575	714	595	550	16-22	615	565	20-26		
500	20	229	350	410	1020	480	490	1290	650	280	1415	575	714	645	600	20-22	670	620	20-26		
600	24	267	390	470	1225	480	490	1455	850	380	1605	656	810	755	705	20-26	780	725	20-30		
700	28	292	430	550	1355	640	660	1585	850	380	1844	656	810	860	810	24-26	895	840	24-30		
800	32	318	470	640	1470	640	660	1700	1250	380	2040	656	810	975	920	24-30	1015	950	24-33		
900	36	330	510	710	1545	750	860	1865	1250	380	2255	785	863	1075	1020	24-30	1115	1050	28-33		
1000	40	410	550	770	1795	850	900	2015	1500	580	2380	785	863	1175	1120	28-30	1230	1160	28-36		
1200	48	470	630	890	1965	850	900	2226	1500	580	2640	785	863	1405	1340	32-33	1455	1380	32-39		

法兰硬密封蝶阀
Flanged Metal-seal Butterfly Valve



D343/643/943H-6-40(C/P/R)

法兰式弹性金属硬密封蝶阀 Flange type elastic metallic hard sealing butterfly valve 单位Unit: mm

公称通径DN Nominal diameter		结构长度(标准值) Structure length (standard)		外形尺寸(参考值) External dimension(consult)											连接尺寸(标准值) Connection dimension (standard)					
				D343H				D643H				D943H			PN1.6MPa			PN2.5MPa		
		H	H1	A1	B1	H2	A2	B2	H3	A3	B3	D	D1	Z-d	D	D1	Z-d			
毫米mm	英寸inch	短Brief	长Long																	
50	2	108	150	112	350	180	200	605	245	72	530	250	255	165	125	4-18	165	125	4-18	
65	2 1/2	112	170	115	370	180	200	625	245	72	530	250	255	185	145	4-18	185	145	8-18	
80	3	114	180	120	380	180	200	645	355	92	565	250	255	200	160	8-18	200	160	8-18	
100	4	127	190	138	420	180	200	675	355	92	600	250	255	220	180	8-18	235	190	8-22	
125	5	140	200	164	460	180	200	715	355	92	640	250	255	250	210	8-18	270	220	8-26	
150	6	140	210	175	555	270	280	800	250	138	705	300	315	285	240	8-22	300	250	8-26	
200	8	152	230	208	605	270	280	850	250	170	775	300	315	340	295	12-22	360	310	12-26	
250	10	165	250	243	680	270	280	925	250	170	945	300	315	405	355	12-26	425	370	12-30	
300	12	178	270	283	800	380	420	1035	450	220	1070	300	315	460	410	12-26	485	430	16-30	
350	14	190	290	310	835	380	420	1070	450	220	1140	300	315	520	470	16-26	555	490	16-33	
400	16	216	310	340	915	450	470	1190	650	220	1210	300	315	580	525	16-30	620	550	16-36	
450	18	222	330	380	960	450	470	1250	650	280	1335	575	714	640	585	20-30	670	600	20-36	
500	20	229	350	410	1020	480	490	1290	850	280	1415	575	714	715	650	20-33	730	660	20-36	
600	24	267	390	470	1225	640	660	1455	850	380	1605	656	714	840	770	20-36	845	770	20-39	
700	28	292	430	550	1355	640	660	1585	1250	380	1844	656	810	910	840	24-36	960	875	24-42	
800	32	318	470	640	1470	640	660	1700	1250	280	2040	656	810	1025	950	24-39	1085	990	24-48	
900	36	330	510	710	1545	650	900	1865	1250	280	2255	785	863	1125	1050	28-39	1185	1090	28-48	
1000	40	410	550	770	1795	650	900	2015	1250	380	2380	785	863	1255	1170	28-42	1320	1210	28-56	
1200	48	470	630	890	1965	650	900	2226	1500	380	2640	785	863	1485	1390	32-48	1530	1420	32-56	

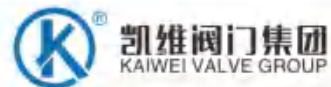
用户注意: 表中H1、H2、H3、L尺寸均可根据用户需要调整, 本产品一般按短系列, 若需长系列或特殊材料定货时提出。
User's attention: Dimension of H1, H2, H3 in form can lengthen (long stem butterfly valve) according to customer's requirements, this product according to short series generally, if need, long series or special material should be mentioned while ordering.

法兰式弹性金属硬密封蝶阀 Flange type elastic metallic hard sealing butterfly valve 单位Unit: mm

公称通径DN Nominal diameter		结构长度(标准值) Structure length (standard)			外形尺寸(参考值) External dimension(consult)									连接尺寸(标准值) Connection dimension(standard)		
					D343H			D643H			D943H					
		L		D		H		A		B		H		A		B
毫米mm	英寸inch	短Brief	长Long	H	H1	A1	B1	H2	A2	B2	H3	A3	B3	D	D1	Z-d
50	2	108	150	112	350	180	200				530	250	255	165	125	4-18
65	2 1/2	112	170	115	370	180	200	625	355	92	550	250	255	185	145	8-18
80	3	114	180	120	380	180	200	625	355	92	565	250	255	200	160	8-18
100	4	127	190	138	420	180	200	645	355	92	600	250	255	235	190	8-22
125	5	140	200	164	460	180	200	675	350	138	640	250	255	270	220	8-26
150	6	140	210	175	555	270	280	715	350	138	705	300	315	300	250	8-26
200	8	152	230	208	605	270	280	800	350	138	775	300	315	375	320	12-30
250	10	165	250	243	680	270	280	850	350	138	945	300	315	450	385	12-33
300	12	178	270	283	800	380	420	925	450	220	1070	300	315	515	450	16-33
350	14	190	290	310	830	380	420	1035	450	220	1140	300	315	580	510	16-36
400	16	216	310	350	915	450	470	1070	650	280	1210	300	315	660	585	16-39
450	18	222	330	380	960	480	490	1190	650	280	1335	575	714	685	610	20-39
500	20	229	350	410	1020	480	490				1415	575	714	755	670	20-42

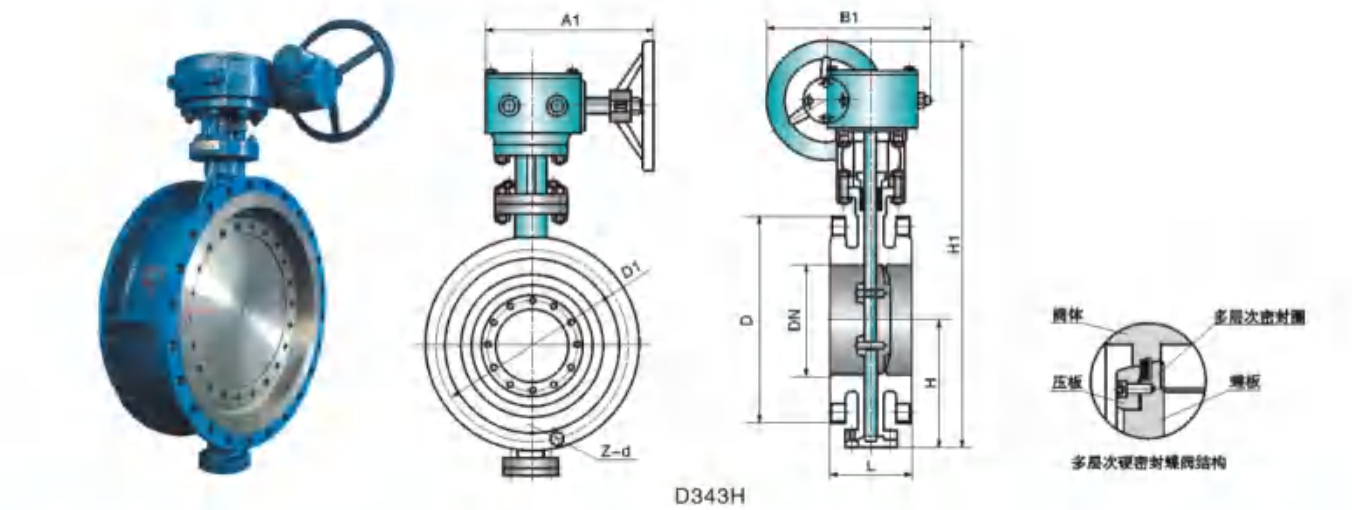
注: 法兰标准 Flange standard: GB/T9113.1-2000 GB/T9113.2-2000 GB/T9115.1-2000 GB/T9115.2-2000
用户注意: 表中H1、H2、H3、L尺寸均可根据用户需要调整, 本产品一般按短系列, 若需长系列或特殊材料定货时提出。
User's attention: Dimension of H1, H2, H3 in form can lengthen (long stem butterfly valve) according to customer's requirements, this product according to short series generally, if need, long series or special material should be mentioned while ordering.

多层次硬密封蝶阀
Laminated Metal-seal Butterfly Valve



D343/643/943H-6-40(C/P/R)

法兰式多层次金属硬密封蝶阀 Flange type multiple layers metallic hard sealing butterfly valve 单位Unit: mm



法兰式多层次金属硬密封蝶阀 Flange type multiple layers metallic hard sealing butterfly valve 单位Unit: mm

公称通径DN Nominal diameter		结构长度(标准值) Structure length (standard)		外形尺寸(参考值) External dimension(consult)											连接尺寸(标准值) Connection dimension(standard)						
				L		H	D343H			D643H			D943H			PN0.6MPa			PN1.0MPa		
							H1	A1	B1	H2	A2	B2	H3	A3	B3	D	D1	Z-d	D	D1	Z-d
毫米 mm	英寸 inch	短 Brief	长 Long																		
50	2	108	150	112	350	180	200	625	245	72	530	250	255	140	110	4-14	165	125	4-18		
65	2 1/2	112	170	115	370	180	200	625	245	72	530	250	255	160	130	4-14	185	145	4-18		
80	3	114	180	120	380	180	200	645	245	72	565	250	255	190	150	4-18	200	160	8-18		
100	4	127	190	138	420	180	200	675	355	92	600	250	255	210	170	4-18	220	180	8-18		
125	5	140	200	164	460	180	200	715	355	92	640	250	255	240	200	8-18	250	210	8-18		
150	6	140	210	175	555	270	280	800	355	92	705	300	315	265	225	8-18	285	240	8-22		
200	8	152	230	200	760	400	425	850	250	170	775	300	315	320	280	8-18	340	295	8-22		
250	10	165	250	243	830	400	425	925	250	170	945	300	315	375	335	12-18	395	350	12-22		
300	12	178	270	250	895	450	560	1035	450	220	1070	300	315	440	395	12-22	445	400	12-22		
350	14	190	290	280	950	450	560	1070	450	220	1140	300	315	490	445	12-22	505	460	16-22		
400	16	216	310	305	1190	535	580	1190	450	220	1210	300	315	540	495	16-22	565	515	16-26		
450	18	222	330	350	1255	535	580	1250	650	280	1335	575	714	595	550	16-22	615	565	20-26		
500	20	229	350	380	1305	535	580	1290	650	280	1415	575	714	645	600	20-22	670	620	20-26		
600	24	267	390	445	1340	570	660	1455	850	380	1605	656	810	755	705	20-26	780	725	20-30		
700	28	292	430	480	1520	750	550	1585	850	380	1844	656	810	860	810	24-26	895	840	24-30		
800	32	318	470	530	1710	750	550	1700	1250	380	2040	656	810	975	920	24-30	1015	950	24-33		
900	36	330	510	580	1810	750	550	1965	1250	380	2255	785	863	1075	1020	24-30	1115	1050	28-33		
1000	40	410	550	650	1960	900	750	2015	1250	380	2380	785	863	1175	1120	28-30	1230	1160	28-36		
1200	48	470	630	760	2250	1000	925	2250	1250	380	2640	785	863	1405	1340	32-33	1455	1380	32-39		
1400	56	530	710	850	2435	1000	925				2886			1630	1560	36-36	1675	1590	36-42		
1600	64	600	790	1030	2780	1000	925				3156			1830	1760	40-36	1915	1820	40-48		
1800	72	670	870	1230	3020	1100	980				3421			2045	1970	44-39	2115	2020	44-48		
2000	80	760	950	1350	3270	1100	980				3685			2265	2180	48-42	2325	2230	48-48		

多层次硬密封蝶阀
Laminated Metal-seal Butterfly Valve



D343/643/943H-6-40(C/R)

法兰式多层次金属硬密封蝶阀 Flange type multiple layers metallic hard sealing butterfly valve 单位Unit: mm

公称通径DN Nominal diameter		结构长度(标准值) Structure length (standard)		外形尺寸(参考值) External dimension(consult)										连接尺寸(标准值) Connection dimension(standard)					
				L		H	D343H			D643H			D943H			PN1.6MPa			PN2.5MPa
		短Brief	长Long				H1	A1	B1	H2	A2	B2	H3	A3	B3	D	D1	Z-d	D
50	2	108	150	112	350	180	200	625	245	72	530	250	255	165	125	4-18	165	125	4-18
65	2 1/2	112	170	115	370	180	200	625	245	72	530	250	255	185	145	4-18	185	145	8-18
80	3	114	180	120	380	180	200	645	245	72	565	250	255	200	160	8-18	200	160	8-18
100	4	127	190	138	420	180	200	675	355	92	600	250	255	220	180	8-18	235	190	8-22
125	5	140	200	164	460	180	200	715	355	92	640	250	255	250	210	8-18	270	220	8-26
150	6	140	210	175	555	270	280	800	355	92	705	300	315	285	240	8-22	300	250	8-26
200	8	152	230	200	760	400	425	850	250	170	775	300	315	340	295	12-22	360	310	12-26
250	10	165	250	243	830	400	425	925	250	170	945	300	315	405	355	12-26	425	370	12-30
300	12	178	270	250	895	450	560	1035	450	220	1070	300	315	460	410	12-26	485	430	16-30
350	14	190	290	280	950	450	560	1070	450	220	1140	300	315	520	470	16-26	555	490	16-33
400	16	216	310	305	1190	535	580	1190	450	220	1210	300	315	580	525	16-30	620	550	16-36
450	18	222	330	350	1255	535	580	1250	650	280	1335	575	714	640	585	20-30	670	600	20-36
500	20	229	350	380	1305	535	580	1290	650	280	1415	575	714	715	650	20-33	730	660	20-36
600	24	267	390	445	1340	570	660	1455	850	380	1605	656	810	840	770	20-36	845	770	20-39
700	28	292	430	480	1520	750	550	1585	850	380	1844	656	810	910	840	24-36	960	875	24-42
800	32	318	470	530	1710	750	550	1700	1250	380	2040	656	810	1025	950	24-39	1085	990	24-48
900	36	330	510	580	1810	750	550	1865	1250	380	2255	785	863	1125	1050	28-39	1185	1090	28-48
1000	40	410	550	650	1960	900	750	2015	1250	380	2380	785	863	1255	1170	28-42	1320	1210	28-56
1200	48	470	630	760	2250	1000	925	2250	1250	380	2640	785	863	1485	1390	32-48	1530	1420	32-56
1400	56	530	710	850	2435	1000	925				2886			1685	1590	36-48	1755	1640	36-62
1600	64	600	790	1030	2780	1000	925				3156			1930	1820	40-56	1975	1860	40-62
1800	72	670	870	1230	3020	1100	980				3421			2130	2020	44-56	2195	2070	44-70
2000	80	760	950	1350	3270	1100	980				3685			2345	2230	48-62	2425	2300	48-70

法兰式多层次金属硬密封蝶阀 Flange type multiple layers metallic hard sealing butterfly valve 单位Unit: mm

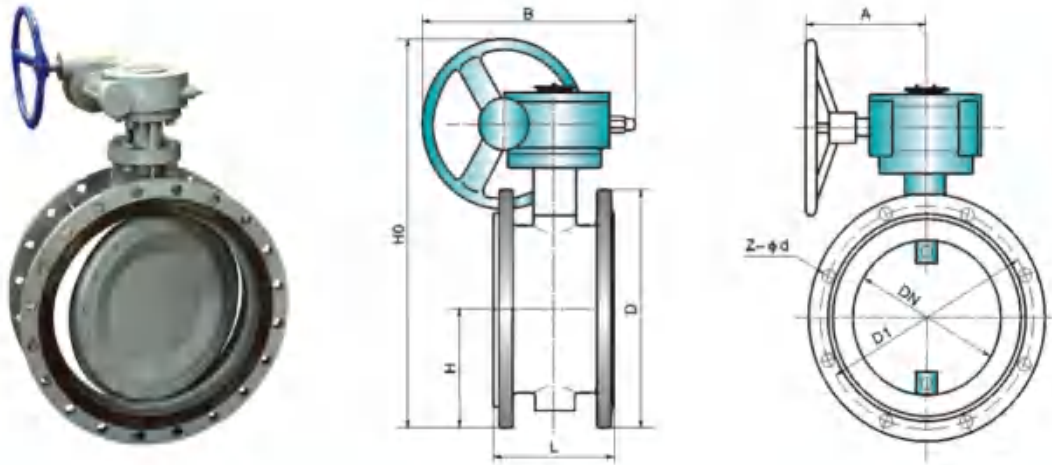
公称通径DN Nominal diameter	结构长度(标准值) Structure length (standard)	外形尺寸(参考值) External dimension(consult)										连接尺寸(标准值) Connection dimension(standard)					
		L		H	D373H			D673H			D973H			PN4.0MPa			
		短Brief	长Long		H1	A1	B1	H2	A2	B2	H3	A3	B3	D	D1	Z-d	
50	2	108	150	112	350	180	200	625	250	170	530	250	255	165	125	4-18	
65	2 1/2	112	170	115	370	270	280	625	250	170	530	250	255	185	145	8-18	
80	3	114	180	120	380	270	280	645	250	170	565	250	255	200	160	8-18	
100	4	127	190	138	420	270	280	675	250	170	600	250	255	235	190	8-22	
125	5	140	200	164	460	380	420	715	450	220	640	250	255	270	220	8-26	
150	6	140	210	175	555	380	420	800	450	220	705	300	315	300	250	8-26	
200	8	152	230	200	760	400	425	850	450	220	775	300	315	375	320	12-30	
250	10	165	250	243	830	400	425	925	450	280	945	300	315	450	385	12-33	
300	12	178	270	250	895	450	560	1035	650	280	1070	300	315	515	450	16-33	
350	14	190	290	280	950	450	560	1070	650	280	1140	300	315	580	510	16-36	
400	16	216	310	305	1190	535	580	1190	650	280	1210	300	315	660	585	16-39	
450	18	222	330	350	1255	535	580				1335	575	714	685	610	20-39	
500	20	229	350	380	1305	535	580				1415	575	714	755	670	20-42	

用户注意: 表中H1、H2、H3、L尺寸均可根据用户需要调整, 本产品一般按短系列。若需长系列或特殊材料定货时提出。
User's attention: Dimension of H1, H2, H3 in form can lengthen (long stem butterfly valve) according to customer's requirements, this product according to short series generally, if need, long series or special material should be mentioned while ordering.

软密封蝶阀
Soft-seal Butterfly Valve



D41/341/641/941H-6-16C



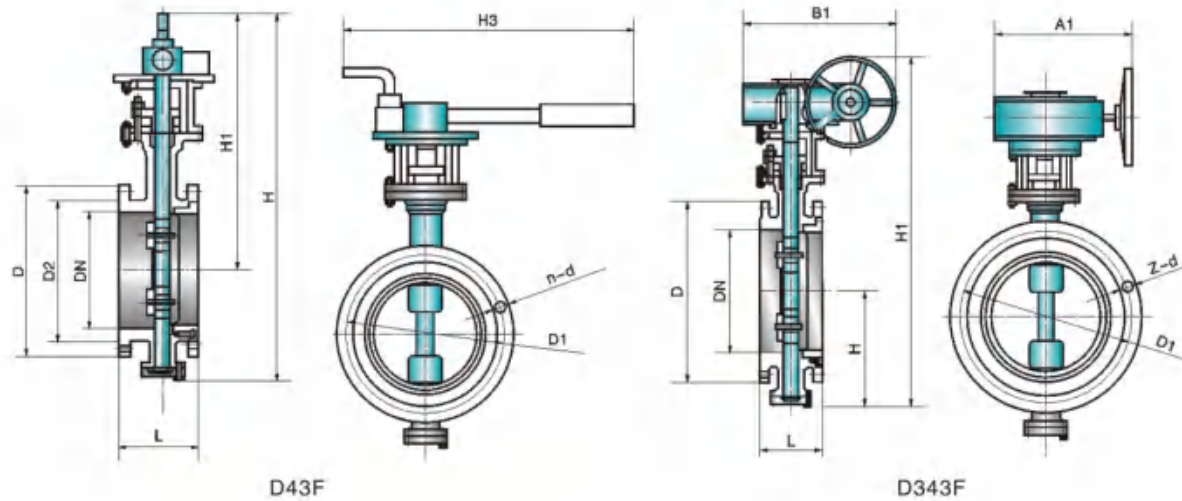
连接尺寸 Series connection dimensions 单位Unit: mm

公称通径 DN Nominal diameter	结构长度 (标准值) Structure length (standard)	外形尺寸(参考值) External dimension(consult)					连接尺寸(标准值) Connection dimension(standard)											
		L	H	H0	A	B	0.6MPa				1.0MPa				1.6MPa			
							D	D1	D2	n-d	D	D1	D2	n-d	D	D1	D2	n-d
50	2	108	82.5	338	180	65	140	110	88	4-14	165	125	99	4-18	165	125	99	4-18
65	2 1/2	112	92.5	358	180	65	160	130	108	4-14	185	145	118	4-18	185	145	118	4-18
80	3	114	100	413	245	72	190	150	124	4-18	200	160	132	8-18	200	160	132	8-18
100	4	127	110	428	240	72	210	170	144	4-18	220	180	156	8-18	220	180	156	8-18
125	5	140	125	444	240	72	240	200	174	8-18	250	210	184	8-18	250	210	184	8-18
150	6	140	142.5	553	350	93	265	225	199	8-18	285	240	211	8-22	285	240	211	8-22
200	8	152	170	678	350	93	320	280	254	8-18	340	295	266	8-22	340	295	266	12-22
250	10	165	197.5	742	550	350	375	335	309	12-18	395	350	319	12-22	405	355	319	12-26
300	12	178	222.5	803	600	350	440	395	363	12-22	445	400	370	12-22	460	410	370	12-26
350	14	190	252.5	866	600	350	490	445	413	12-22	505	460	429	16-22	520	470	429	16-26
400	16	216	282.5	940	600	350	540	495	463	16-22	565	515	480	16-26	580	525	480	16-30
450	18	222	307.5	995	750	380	595	550	518	16-22	615	565	530	20-26	640	585	548	20-30
500	20	229	335	1058	750	380	645	600	568	20-22	670	620	582	20-26	715	650	609	20-33
600	24	267	390	1163	750	380	755	705	667	20-26	780	725	682	20-30	840	770	720	20-36
700	28	430	447.5	1283	750	380	860	810	772	24-26	895	840	794	24-30	910	840	794	24-36
800	32	470	507.5	1398	750	380	975	920	878	24-30	1015	950	901	24-33	1025	950	901	24-39
900	36	510	557.5	1498	1250	380	1075	1020	978	24-30	1115	1050	1001	28-33	1125	1050	1001	28-39
1000	40	550	615	1608	1500	580	1175	1120	1078	28-30	1230	1160	1112	28-36	1255	1170	1112	28-42
1200	48	630	727.5	1876	1500	580	1405	1340	1295	32-33	1455	1380	1328	32-39	1485	1390	1328	32-48

注: 若用户需用钢板衬橡胶等特殊要求, 订货时请注明。
Notice: If the customer has any special requirements such as disc with rubber lining etc. please specify while ordering.

氟密封蝶阀
Teflon-seal Butterfly Valve

D43/343/643/943F-6~16C/P/R



D71X/J连接尺寸 Series connection dimensions

单位Unit: mm

公称通径DN Nominal diameter		结构长度(标准值) Structure length (standard)	外形尺寸(参考值) External dimension(consult)				连接尺寸(标准值) Connection dimension(standard)					
							0.6MPa					
							1.0MPa					
毫米mm	英寸inch	L	H	H0	A	B	D0	n-d	D0	n-d	D0	n-d
50	2	43	63	235	270	65	110	4-14	125	4-18	125	4-18
65	2 1/2	46	70	250	270	65	130	4-14	145	4-18	145	4-18
80	3	46	83	275	270	65	150	4-18	160	8-18	160	8-18
100	4	52	105	316	270	65	170	4-18	180	8-18	180	8-18
125	5	56	115	340	310	65	200	8-18	210	8-18	210	8-18
150	6	56	137	376	310	65	225	8-18	240	8-22	240	8-22

D371X/J连接尺寸 Series connection dimensions

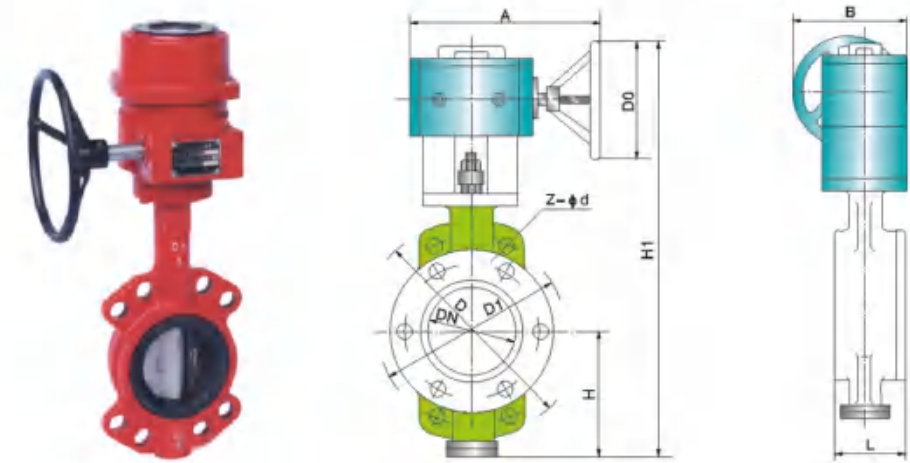
单位Unit: mm

公称通径DN Nominal diameter		结构长度(标准值) Structure length (standard)	外形尺寸(参考值) External dimension(consult)				连接尺寸(标准值) Connection dimension(standard)					
							0.6MPa					
							1.0MPa					
毫米mm	英寸inch	L	H	H0	A	B	D0	n-d	D0	n-d	D0	n-d
50	2	43	63	306	180	200	110	4-14	125	4-18	125	4-18
65	2 1/2	46	70	321	180	200	130	4-14	145	4-18	145	4-18
80	3	46	83	346	180	200	150	4-18	160	8-18	160	8-18
100	4	52	105	387	180	200	170	4-18	180	8-18	180	8-18
125	5	56	115	411	180	200	200	8-18	210	8-18	210	8-18
150	6	56	137	447	270	280	225	8-18	240	8-22	240	8-22
200	8	60	164	572	270	280	280	8-18	295	8-22	295	12-22
250	10	68	206	646	270	280	335	12-18	350	12-22	355	12-26
300	12	78	230	738	380	420	395	12-22	400	12-22	410	12-26
350	14	78	248	761	380	420	445	12-22	460	16-22	470	16-26
400	16	102	289	877	450	470	495	16-22	515	16-26	525	16-30
450	18	114	320	938	480	490	550	16-22	565	20-26	585	20-30
500	20	127	343	993	480	490	600	20-22	620	20-26	650	20-33
600	24	154	413	1131	48	490	705	20-26	725	20-30	770	20-36
700	28	165	478	1476	640	660	810	24-26	840	24-30	840	24-36
800	32	190	525	1533	640	660	920	24-30	950	24-33	950	24-39
900	36	203	585	1655	750	860	1020	24-30	1050	28-33	1050	28-39
1000	40	216	640	1765	850	900	1120		1160		1170	28-42
1200	48	254	755	1995	850	900	1340	38-38	1380	38-38	1390	32-48
1400	56	279	910	2310	1000	925	1560	36-36	1590	36-42	1590	36-48
1600	64	318	1030	2595	1000	925	1760	40-36	1820	40-48	1820	40-56
1800	72	356	1140	2810	1100	980	1970	44-39	2020	44-48	2020	44-56
2000	80	406	1250	3100	1100	980	2180	48-42	2230	48-48	2230	48-62

注:若用户需用阀板衬橡胶等特殊要求,订货时请注明。
Notice: If the customer has any special requirements such as disc with rubber lining etc. please specify while ordering.

信号蝶阀
Signal Butterfly Valve

XD71/371K-10~16C



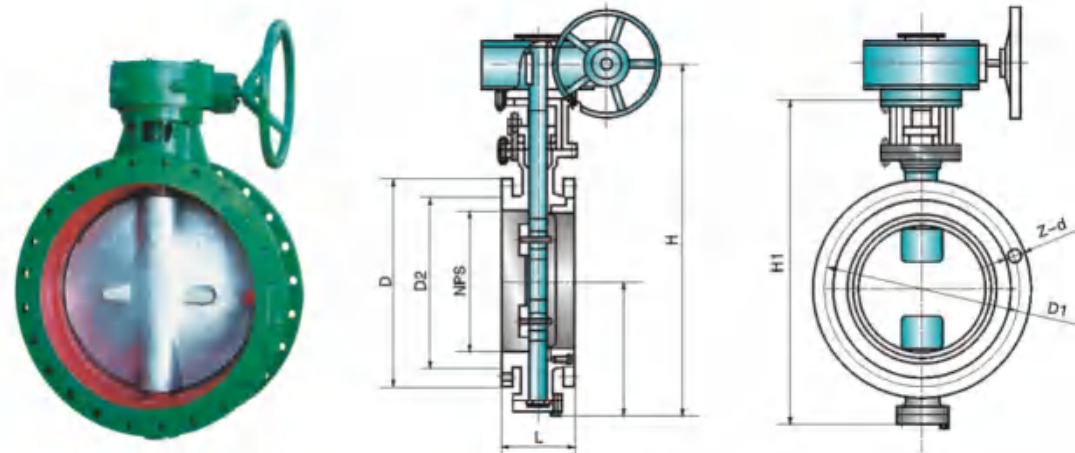
主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

公称通径DN Nominal diameter	L	D	PN1.0MPa			PN1.6MPa			H	H1	WT (Kg)
			D1	b	4-φd	D1	b	4-φd			
XD71X-10 XD71X-16 XD71X-16C XD371X-10 XD371X-16 XD371X-16C											
50	43	160	125	20	4-φ18	125	20	4-φ18	160	80	7.5
65	46	180	145	20	4-φ18	145	20	4-φ18	175	88	8.5
80	46	195	160	22	4-φ18	160	22	4-φ18	180	96	9
100	52	215	180	22	4-φ18	180	24	4-φ18	200	115	11
125	56	245	210	24	4-φ18	210	26	4-φ18	213	128	12
150	56	280	240	24	4-φ23	240	28	4-φ23	225	140	15
200	60	335	295	26	4-φ23	295	30	4-φ23	260	175	32
250	68	390	350	28	4-φ23	355	32	4-φ25	290	202	40
300	78	440	400	28	4-φ23	410	34	4-φ25	330	242	52
350	78	500	460	30	4-φ23	470	38	4-φ25	415	308	82
400	102	565	515	32	4-φ25	525	40	4-φ30	460	348	107

美式蝶阀
AWWA Butterfly Valve

F504/47-10



法兰式 Flange type

主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

公称口径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions							WT (Kg)
	L	D	D1	b	Z-φd	H	H1	
F504-10								
100	127	229	180	24	8-φ17.5	225	120	31
125	127	254	210	24	8-φ17.5	240	130	37
150	127	279	240	26	8-φ22	260	140	43
200	152	343	295	26	8-φ22	290	175	64
250	203	406	350	28	12-φ22	340	205	113
300	203	483	400	28	12-φ22	360	245	142
350	203	533	460	30	16-φ22	400	270	171
400	203	597	515	32	16-φ26	432	300	225
450	203	635	565	32	16-φ26	475	320	258
500	203	699	620	34	16-φ26	560	360	314
600	203	813	725	36	16-φ30	680	410	396

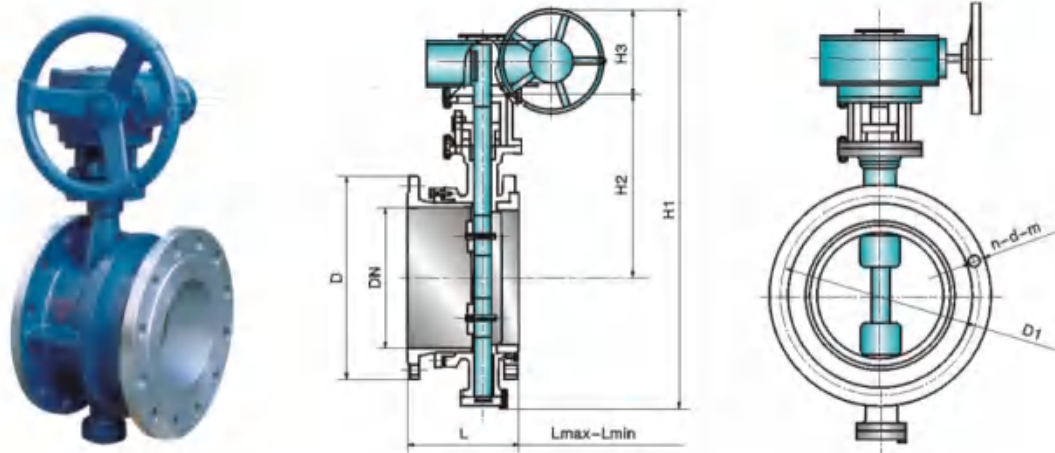
主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

公称口径 DN	主要外形尺寸和连接尺寸(mm) Main external and connecting dimensions							WT (Kg)
	L	D	D1	b	Z-φd	H	H1	
F47-10								
700	305	895	840	40	20-φ30	710	474	590
800	305	1015	950	44	20-φ33	750	534	670
900	305	1115	1050	46	24-φ33	820	584	1120
1000	305	1230	1160	50	24-φ36	930	642	1390
1200	380	1455	1380	56	28-φ39	1050	754	1750
1400	380	1675	1590	62	32-φ42	1220	890	2840
1600	380	1915	1820	68	36-φ48	1330	1014	4130

伸缩蝶阀
Expansion Butterfly Valve

SD341/641/941X-10-16C



连接尺寸 Series connection dimensions

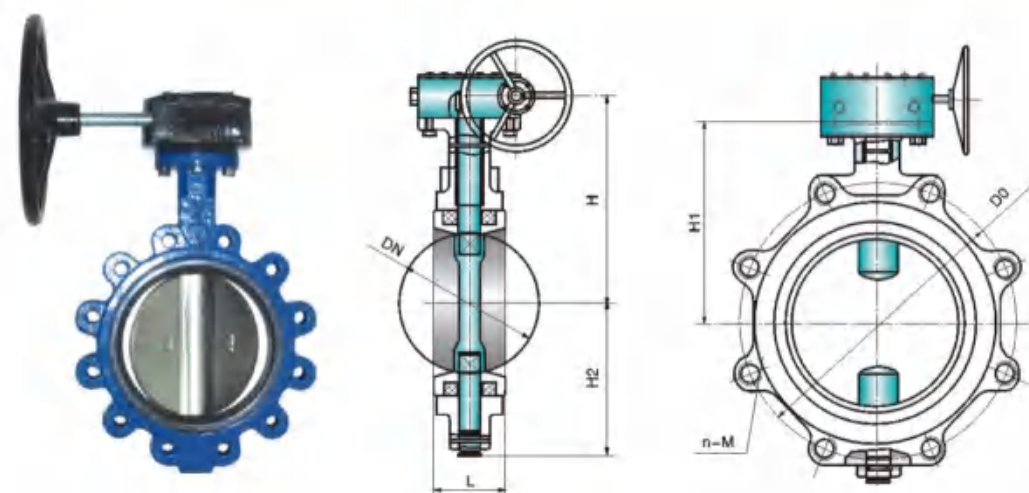
单位Unit: mm

公称通径 DN Nominal diameter 毫米 mm 英寸 inch		外形尺寸(参考值) External dimension(consult)							连接尺寸 Conjunction Size											
		H	H1	最大长度 Lmax Most design extent	最小长度 Lmin Least design extent	长度 L Design extent	A	B	0.6MPa				1.0MPa				1.6MPa			
									D	D1	D2	n-d	D	D1	D2	n-d	D	D1	D2	n-d
50	2	80	309	164	138	151	180	200	140	110	88	4-14	165	125	99	4-18	165	125	99	4-18
65	2 1/2	95	337	190	154	172	180	200	160	130	108	4-14	185	145	118	4-18	185	145	118	4-18
80	3	98	347	195	163	177	180	200	190	150	124	4-18	200	160	132	8-18	200	160	132	8-18
100	4	114	373	227	184	206	180	200	210	170	144	4-18	220	180	156	8-18	220	180	156	8-18
125	5	128	405	254	201	215	180	200	240	200	174	8-18	250	210	184	8-18	250	210	184	8-18
150	6	139	440	240	195	225	270	280	265	225	199	8-18	285	240	211	8-22	285	240	211	8-22
200	8	174	612	265	215	245	400	425	320	280	254	8-18	340	295	266	8-22	340	295	266	12-22
250	10	215	693	295	235	265	400	425	375	335	309	12-18	395	350	319	12-22	405	355	319	12-26
300	12	245	747	308	254	282	450	560	440	395	363	12-22	445	400	370	12-22	460	410	370	12-26
350	14	270	802	325	271	300	450	560	490	445	413	12-22	505	460	429	16-22	520	470	429	16-26
400	16	305	991	345	283	314	535	580	540	495	463	16-22	565	515	480	16-26	580	525	480	16-30
450	18	325	1037	370	314	340	535	580	595	550	518	16-22	615	565	530	20-26	640	585	548	20-30
500	20	360	1127	377	316	346	535	580	645	600	568	20-22	670	620	582	20-26	715	650	609	20-33
600	24	445	1377	446	388	417	570	660	755	705	667	20-26	780	725	682	20-30	840	770	720	20-36
700	28	505	1496	445	395	425	750	550	860	810	772	24-26	895	840	794	24-30	910	840	794	24-36
800	32	560	1584	479	425	455	750	550	975	920	878	24-30	1015	950	901	24-33	1025	950	901	24-39
900	36	630	1676	515	455	485	750	550	1075	1020	978	24-30	1115	1050	1001	28-33	1125	1050	1001	28-39
1000	40	680	1760	525	465	495	900	750	1175	1120	1078	28-30	1230	1160	1112	28-36	1255	1170	1112	28-42
1200	48	795	2018	574	512	542	1000	925	1405	1340	1295	32-33	1455	1380	1328	32-39	1485	1390	1328	32-48

A型对夹式蝶阀 A-type Butterfly Valve



D71/371/671/971X-6-16(C)



主要外形和连接尺寸 Main external and connection dimension

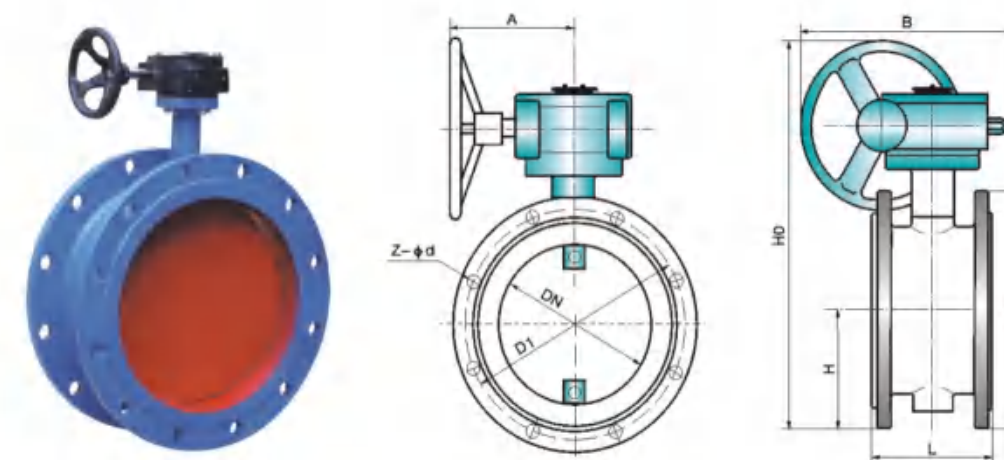
单位Unit: mm

公称通径 DN	L	PN0.6MPa		PN1.0MPa		PN1.6MPa		H	H1	WT (Kg)
		D1	4-φd	D1	4-φd	D1	4-φd			
D71X-6 D71X-10 D71X-16 D71X-16C D371X-6 D371X-10 D371X-16 D371X-16C D671X-6 D671X-10 D671X-16 D671X-16C D971X-6 D971X-10 D971X-16 D971X-16C										
50	43	110	4-φ14	120	4-φ23	120	4-φ23	160	80	7
65	46	130	4-φ14	136	4-φ26.5	136	4-φ26.5	175	88	8
80	46	150	4-φ18	160	4-φ18	160	4-φ18	180	96	8.5
100	52	170	4-φ18	185	4-φ24.5	185	4-φ24.5	200	115	10
125	56	200	4-φ18	215	4-φ23	210	4-φ23	213	128	11.4
150	56	225	4-φ18	238	4-φ25	238	4-φ25	225	140	14
200	60	280	4-φ18	295	4-φ25	295	4-φ25	260	175	30
250	68	335	4-φ18	357	4-φ29	357	4-φ29	290	202	38
300	78	395	4-φ23	407	4-φ29	407	4-φ29	330	242	49
350	78	445	4-φ23	467	4-φ30	467	4-φ30	360	266	82
400	102	495	4-φ23	515	4-φ26	525	4-φ26	390	298	107
450	114	550	4-φ23	565	4-φ26	585	4-φ26	410	315	120
500	127	600	4-φ23	620	4-φ26	650	4-φ26	430	348	158
600	154	705	4-φ25	725	4-φ30	770	4-φ30	490	400	308
700	165	810	4-φ25	840	4-φ30	840	4-φ30	550	520	410
800	190	920	4-φ30	950	4-φ34	950	4-φ34	610	591	500
900	203	1020	4-φ27	1050	4-φ30	1050	4-φ30	680	660	595
1000	216	1120	4-φ30	1160	4-φ30	1170	4-φ30	730	670	680
1200	254	1340	4-φ45	1380	4-φ45	1390	4-φ45	835	780	733
1400	270	1560	4-φ45	1590	4-φ45	1590	4-φ45	960	895	970
1600	318	1760	4-φ52	1820	4-φ52	1820	4-φ52	1200	1020	1130

法兰式通风型蝶阀 France Aeration Butterfly Valve



D340/341W-0.5/2.5/6(C/P/R)



主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

通径 (DN)	L	D1	D	Z-φd	H	H0	A	B	Wt/Kgs
50	108	110	140	4-14	70	215	270	65	9
65	112	130	160	4-14	80	235	270	65	12
80	124	150	190	4-18	95	263	270	65	15
100	127	170	210	4-18	105	283	270	65	17
125	140	200	240	8-18	120	313	310	65	23
150	140	225	265	8-18	132.5	338	310	65	25
200	152	280	320	8-18	160	493	365	90	42
250	165	335	375	12-18	187.5	550	365	90	60
300	178	395	440	12-22	220	615	365	90	80
350	190	445	490	12-22	245	678	365	90	100
400	216	495	540	16-22	270	727	365	90	120
450	222	550	595	16-22	297.5	782	365	90	160

主要外形和连接尺寸 Main external and connection dimension

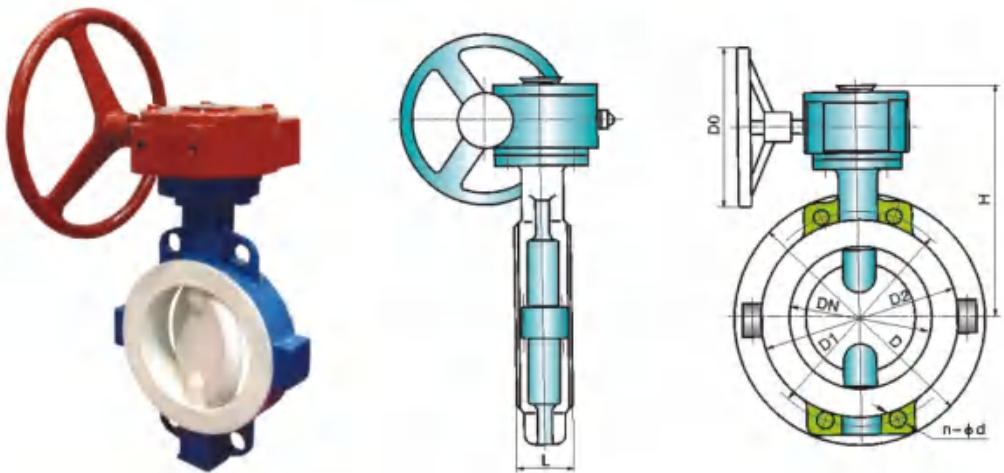
单位Unit: mm

通径(DN)	L	D1	D	Z-φd	H	H0	A	B	D0	Wt/Kgs
50	108	110	140	4-14	70	443	193	125	80	51
65	112	130	160	4-14	80	463	193	125	80	62
80	114	150	190	4-18	95	483	193	125	80	73.5
100	127	170	210	4-18	105	498	193	125	80	87
125	140	200	240	8-18	120	682	193	245	150	98
150	140	225	265	8-18	132.5	736	193	245	150	102
200	152	280	320	8-18	160	800	283	245	150	150
250	165	335	375	12-18	187.5	895	283	313	200	170
300	178	395	440	12-22	220	956	334	313	200	220
350	190	445	495	12-22	245	1029	334	313	250	350
400	216	495	540	16-22	270	1103	425	313	250	430
450	222	550	595	16-22	297.5	1280	425	439	300	550
500	229	600	645	20-22	322.5	1186	425	431	360	580
600	267	705	755	20-26	377.5	1321	425	556	360	850
700	292	810	860	24-26	430	1431	620	556	360	950
800	318	920	975	24-30	487.5	1542	620	556	360	1150
900	330	1020	1075	24-30	537.5	1800	620	706	360	1750
1000	410	1120	1175	28-30	587.5	2363	620	706	360	2100
1200PN0.6	470	1340	1405	32-33	702.5	2583	620	706	360	2580

国标衬氟阀门(对夹)
Teflon-lining Daiphragm Valve(Wafer)



D371F46 D6371FX



产品执行标准 Production enforce standard

设计规范 Design Spec.	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test & Check	产品标识 Marking	供货规范 Supply
GB/T 12238	GB/T 12221	JB/T 78;JB/T 79	GB/T 13927	GB/T 12220	JB/T 7928

产品性能规范 Chief property and specification

衬里/阀座 Lining /seat	代号 Code	适用温度℃ Suitable Temperature℃	适用介质 Suitable medium
PTFE(F4)	F4	≤180	除熔融碱金属，元素氟外的各种浓度的酸、碱、盐、王水、有机酸等强腐蚀性介质。 All kinds of acid, alkali, salt, aqua regia, organic acid etc strong corrosive medium except molten alkali metals and element fluorine.
PCTFE(F3)	F3	≤120	
FEP(F46)	F46	≤150	
PFA(可溶性F4)	FA	≤180	
PVDF(F2)	F2	≤100	
RPTFE(RF4)	FR4	≤180	

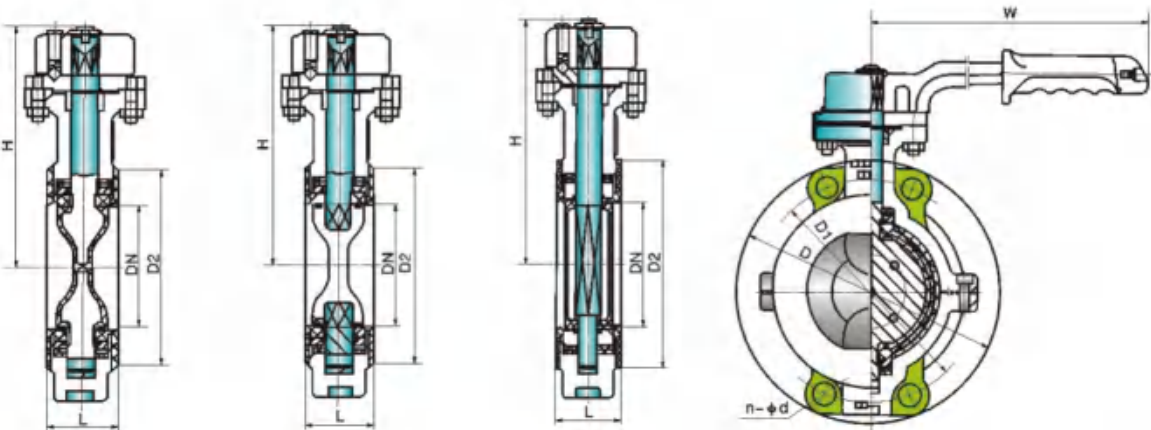
主要零件材料 Material for main parts

零件名称 Part Name	灰铸铁 Gray cast iron	铸钢 cast steel	不锈钢耐酸铸钢 stainless acid resistant cast steel		超低碳不锈钢耐酸铸钢super-low -stainless acid resistant cast steel	
	Z	C	P	R	PL	RL
阀体/阀盖 Body/cover	HT250	WCB	CF8	CF8M	CF3	CF3M
蝶板 Disc	WCB	35	CF8	CF8M	CF3	CF3M
阀杆 Stem	1Cr13	1Cr13	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	00Cr18Ni10	00Cr17Ni14Mo2
衬里/阀座 Lining /seat	PTFE(F4)、PCTFE(F3)、FEP(F46)、PFA(可溶F4)					
密封圈 Seal seat	FPM (氟橡胶)		FPM (氟橡胶)			
弹性条(垫)Elastomeric gasket	SI (硅橡胶)		SI (硅橡胶)			
调节定位座 Regulating holder	0Cr18Ni9	0Cr18Ni9	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	00Cr18Ni10	00Cr17Ni14Mo2
紧固螺栓 Clamp bolt	35	35	1Cr17Ni2	1Cr17Ni2	1Cr18Ni9Ti	1Cr18Ni9Ti
螺母 Nut	45	45	0Cr18Ni9	0Cr18Ni9	0Cr18Ni9	0Cr18Ni9
铭牌 Nameplate	ZL101		ZL101		ZL101	

国标氟衬里蝶阀(对夹)
Teflon-lining Butterfly Valve(Wafer)



D671FX D671F DA71FX D671FX



主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

DN (mm)	NPS (inch)	L	D	D1	D2	f	b	n-φd	W	D0	H	WT(Kg)
PN 0.6MPa												
40	1 1/2	33	130	100	80	3	16	4-φ14	160		140	2.5
50	2	43	140	110	90	3	16	4-φ14	200		145	3.5
65	2 1/2	46	160	130	110	3	16	4-φ14	250		155	4.5
80	3	46	182	150	125	3	18	4-φ18	250		165	6
100	4	52	205	170	145	3	18	4-φ18	250		180	7.5
125	5	56	235	200	175	3	20	8-φ18	300		203	11
150	6	56	260	225	200	3	20	8-φ18	300		225	16
200	8	60	315	280	255	3	22	8-φ18		200	275	48
250	10	68	370	335	310	3	24	12-φ18		200	315	60
300	12	78	435	395	362	4	24	12-φ23		240	348	75
350	14	78	485	445	412	4	26	12-φ23		240	415	82
400	16	102	535	495	462	4	28	16-φ23		280	460	123
450	18	114	590	550	518	4	28	16-φ23		280	500	150
500	20	127	640	600	568	4	30	16-φ23		320	530	180
600	24	154	755	705	670	5	30	20-φ25		320	610	225
700	28	165	860	810	775	5	32	24-φ25		360	675	315
800	32	190	975	920	880	5	34	24-φ30		360	805	385
900	36	203	1075	1020	980	5	36	24-φ30		380	995	420
1000	40	216	1175	1120	1080	5	36	28-φ30		400	1170	620
1200	48	254	1400	1340	1295	5	40	32-φ34		400	1295	788

国标氟衬里蝶阀(对夹)
Teflon-lining Butterfly Valve(Wafer)



DG71FX DG71F DA71FX DG71FX

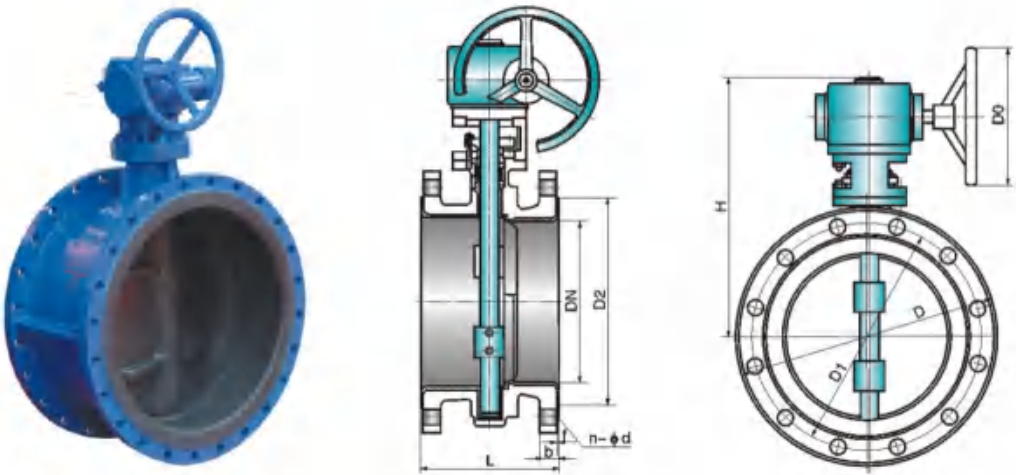
主要外形和连接尺寸 Main external and connection dimension 单位Unit: mm

DN (mm)	NPS (inch)	L	D	D1	D2	f	b	n-φd	W	D0	H	WT(Kg)
PN 1.0MPa												
40	1 1/2	33	145	110	85	3	18	4-φ18	160		140	3
50	2	43	160	125	100	3	20	4-φ18	200		145	4
65	2 1/2	46	180	145	120	3	20	4-φ18	250		155	6
80	3	46	195	160	135	3	22	4-φ18	250		165	8
100	4	52	215	180	155	3	22	8-φ18	300		180	12
125	5	56	245	210	185	3	24	8-φ18	300		203	18
150	6	56	280	240	210	3	24	8-φ23		200	225	28
200	8	60	335	295	265	3	26	8-φ23		200	275	56
250	10	68	390	350	320	3	28	12-φ23		240	315	72
300	12	78	440	400	368	4	28	12-φ23		240	348	88
350	14	78	500	460	428	4	30	16-φ23		240	415	170
400	16	102	565	515	482	4	32	16-φ25		280	460	145
450	18	114	615	565	532	4	32	20-φ25		280	500	165
500	20	127	670	620	585	4	34	20-φ25		320	530	195
600	24	154	780	725	685	5	36	20-φ30		320	610	268
700	28	165	895	840	800	5	40	24-φ30		360	675	320
800	32	190	1010	950	905	5	44	24-φ34		360	805	395
900	36	203	1110	1050	1005	5	46	28-φ34		380	995	450
1000	40	216	1220	1160	1115	5	50	28-φ34		400	1170	680
1200	48	254	1450	1380	1325	5	56	32-φ41		400	1295	825
PN 1.6MPa												
40	1 1/2	33	145	110	85	3	18	4-φ18	200		145	4
50	2	43	160	125	100	3	20	4-φ18	200		150	5
65	2 1/2	46	180	145	120	3	20	4-φ18	250		160	7
80	3	46	195	160	135	3	22	8-φ18	250		170	10
100	4	52	215	180	155	3	24	8-φ18	300		185	14
125	5	56	245	210	185	3	26	8-φ18	300		210	22
150	6	56	280	240	210	3	28	8-φ23		200	230	32
200	8	60	335	295	265	3	30	12-φ23		240	285	66
250	10	68	405	355	320	3	32	12-φ25		240	325	80
300	12	78	460	410	375	4	34	12-φ25		280	360	94
350	14	78	520	470	435	4	38	16-φ25		280	430	125
400	16	102	580	525	485	4	40	16-φ30		320	475	150
450	18	114	640	585	545	4	44	20-φ30		320	525	172
500	20	127	705	650	608	4	46	20-φ34		320	565	225
600	24	154	840	770	718	5	54	24-φ41		360	620	290
700	28	165	910	840	788	5	54	24-φ41		360	686	330
800	32	190	1020	950	898	5	54	24-φ41		380	815	425
900	36	203	1120	1050	998	5	54	28-φ41		400*	1010	495
1000	40	216	1255	1170	1110	5	60	28-φ48		400*	1185	710

国标氟衬里蝶阀(法兰)
Teflon-lining Butterfly Valve(Flange)



DG343FX



产品执行标准 Production enforce standard

设计规范 Design Spec.	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test & Check	产品标识 Marking	供货规范 Supply
GB/T 12238	GB/T 12221	JB/T 78 JB/T 79	GB/T 13927	GB/T 12220	JB/T 7928

产品性能规范 Chief property and specification

衬里/阀座 Lining /seat	代号 Code	适用温度℃ Suitable Temperature℃	适用介质 Suitable medium
PTFE(F4)	F4	≤180	除熔融碱金属、元素氟外的各种浓度的酸、碱、盐、王水、有机酸等强腐蚀性介质。 All kinds of acid, alkali, salt, aqua regia, organic acid etc strong corrosive medium except molten alkali metals and element fluorine.
PCTFE(F3)	F3	≤120	
FEP(F46)	F46	≤150	
PFA(可溶性F4)	FA	≤180	
PVDF(F2)	F2	≤100	
RPTFE(RF4)	FR4	≤180	

主要零件材料 Material for main parts

零件名称 Part Name	灰铸铁 Gray cast iron	铸钢 cast steel	不锈钢耐酸铸钢 stainless acid resistant cast steel		超低碳不锈钢耐酸铸钢super-low -stainless acid resistant cast steel	
	Z	C	P	R	PL	RL
阀体 Body	HT250	WCB	CF8	CF8M	CF3	CF3M
蝶板 Disc		WCB	CF8	CF8M	CF3	CF3M
阀杆 Stem	1Cr13	1Cr13	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	00Cr18Ni10	00Cr17Ni14Mo2
衬里/阀座 Lining /seat			PTFE(F4)、PCTFE(F3)、FEP(F46)、PFA(可溶性F4)			
紧固销 Clamp		2Cr13	1Cr18Ni9Ti	1Cr18Ni12Mo2Ti	00Cr18Ni10	00Cr17Ni14Mo2
填料 Packing		PTFE(F4)	PTFE(F4)		PTFE(F4)	
填料压盖 Packing cover		WCB	CF8	CF8M	CF3	CF3M
支架 Net shelf		WCB	CF8		CF8	
紧固螺栓 Clamp bolt		35	1Cr17Ni2		1Cr18Ni9Ti	
螺母 Nut		45	0Cr18Ni9		0Cr18Ni9	

国标氟衬里蝶阀(法兰)
 Teflon-lining Butterfly Valve(Flange)



DG343FX

主要外形和连接尺寸 Main external and connection dimension
 单位Unit: mm

DN (mm)	NPS (inch)	L	D	D1	D2	f	b	n-φd	W	D0	H	WT(Kg)
PN 0.6MPa												
40	1 1/2	106	130	100	80	3	16	4-φ14	160		140	10
50	2	108	140	110	90	3	16	4-φ14	200		160	12
65	2 1/2	112	160	130	110	3	16	4-φ14	250		160	13
80	3	114	185	150	125	3	18	4-φ18	250		170	14
100	4	127	205	170	145	3	18	4-φ18	300		180	16
125	5	140	235	200	175	3	20	8-φ18	300		275	18
150	6	140	260	225	200	3	20	8-φ18		200	295	38
200	8	152	315	280	255	3	22	8-φ18		200	320	74
250	10	250	370	335	310	3	24	12-φ18		240	385	105
300	12	270	435	375	362	4	24	12-φ23		240	390	142
350	14	290	485	445	412	4	26	12-φ23		240	460	179
400	16	310	535	495	462	4	28	16-φ23		280	510	220
450	18	330	590	550	518	4	28	16-φ23		280	540	268
500	20	350	640	600	568	4	30	16-φ23		320	570	378
600	24	390	755	705	670	5	30	20-φ25		320	660	608
700	28	430	860	810	775	5	32	24-φ25		360	710	1050
800	32	470	975	920	880	5	34	24-φ30		360	780	1320
900	36	510	1075	1020	980	5	36	24-φ30		380	885	1795
1000	40	550	1175	1120	1080	5	36	28-φ30		400	990	1900
PN 1.0MPa												
40	1 1/2	106	145	110	85	3	18	4-φ18	160		140	10
50	2	108	160	125	100	3	20	4-φ18	200		160	12
65	2 1/2	112	180	145	120	3	20	4-φ18	250		165	14
80	3	114	195	160	135	3	22	4-φ18	250		170	16
100	4	127	215	180	155	3	22	8-φ18	300		180	18
125	5	140	245	210	185	3	24	8-φ18	300		275	20
150	6	140	280	240	210	3	24	8-φ23		200	295	38
200	8	152	335	295	265	3	26	8-φ23		200	320	74
250	10	250	390	350	320	3	28	12-φ23		240	385	105
300	12	270	440	400	368	4	28	12-φ23		240	390	142
350	14	290	500	460	428	4	30	16-φ23		240	460	179
400	16	310	565	515	482	4	32	16-φ25		280	510	220
450	18	330	615	565	532	4	32	20-φ25		280	540	268
500	20	350	680	620	585	4	34	20-φ25		320	570	378
600	24	390	780	725	685	5	36	20-φ30		320	660	608
700	28	430	895	840	800	5	40	20-φ30		360	710	1050
800	32	470	1010	950	905	5	44	24-φ34		360	780	1320
900	36	510	1110	1050	1005	5	46	28-φ34		380	885	1795
1000	40	550	1220	1160	1115	5	50	28-φ34		400	990	1900

国标氟衬里蝶阀(法兰)
 Teflon-lining Butterfly Valve(Flange)



DG343FX

主要外形和连接尺寸 Main external and connection dimension
 单位Unit: mm

DN (mm)	NPS (inch)	L	D	D1	D2	f	b	n-φd	W	D0	H	WT(Kg)
PN 1.6MPa												
40	1 1/2	106	145	110	85	3	18	4-φ18	160		140	10
50	2	108	160	125	100	3	20	4-φ18	200		160	12
65	2 1/2	112	180	145	120	3	20	4-φ18	250		165	13
80	3	114	195	160	135	3	22	8-φ18	260		170	14
100	4	127	215	180	155	3	24	8-φ18	300		180	16
125	5	140	245	210	185	3	26	8-φ18	300		275	18
150	6	140	280	240	210	3	28	8-φ23		200	295	42
200	8	152	335	295	265	3	30	12-φ23		200	320	78
250	10	250	405	355	320	3	32	12-φ25		240	385	120
300	12	270	460	410	375	4	34	12-φ25		240	390	145
350	14	290	520	470	435	4	38	16-φ25		240	460	202
400	16	310	580	525	485	4	40	16-φ30		280	510	235
450	18	330	640	585	545	4	44	20-φ30		280	540	368
500	20	350	705	650	608	4	46	20-φ34		320	570	420
600	24	390	840	770	718	5	54	20-φ41		320	660	750
700	28	430	910	840	788	5	54	24-φ41		360	710	1028
800	32	470	1020	950	898	5	54	24-φ41		380	780	1690
900	36	510	1120	1050	998	5	54	28-φ41		400	885	1815
1000	40	550	1255	1170	1110	5	60	28-φ48		500	990	2050
PN 2.5MPa												
40	1 1/2	106	145	110	85	3	18	4-φ18	200		140	11
50	2	108	160	125	100	3	20	4-φ18	200		160	13
65	2 1/2	112	180	145	120	3	22	8-φ18	250		165	14
80	3	114	195	160	135	3	22	8-φ18	250		170	16
100	4	127	230	190	160	3	24	8-φ23	300		180	18
125	5	140	270	220	188	3	28	8-φ25	300		275	20
150	6	140	300	250	218	3	30	8-φ25		240	295	48
200	8	152	360	310	278	3	34	12-φ25		240	320	88
250	10	250	425	370	332	3	36	12-φ30		280	385	145
300	12	270	485	430	390	4	40	16-φ30		280	390	157
350	14	290	550	490	448	4	44	16-φ34		320	460	222
400	16	310	610	550	505	4	48	16-φ34		320	510	353
450	18	330	660	600	555	4	50	20-φ34		360	540	405
500	20	350	730	660	610	4	52	20-φ41		360	570	448
600	24	390	840	770	718	5	56	20-φ41		380	660	795



Knife Gate Valve Series

刀形闸阀系列

一体式手动浆液阀 Manual Type Slurry Valve

XHZ73X-0.6 XHZ73X-1.0

主要用途和性能 The main purpose and performance

XHZ73X-6、10、XHZ673X-6、10浆液阀适用于纸浆、煤粉、煤浆、灰渣、污水、特别是造纸行业一种理想的密封阀门, 在管道上起到调节和节流作用。

XHZ73X-6、10、XHZ673X-6、10 Valve applicable to the pulp, coal, coal slurry, ash, sewage, Special paper industry is an ideal sealing valves on the pipeline play role in regulating and reducing expenditure.

主要性能规范 Chief Property And Specifiation

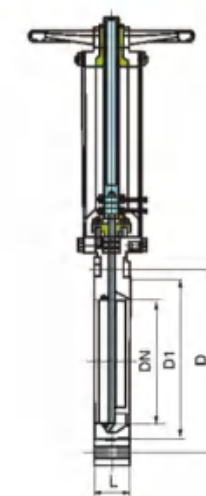
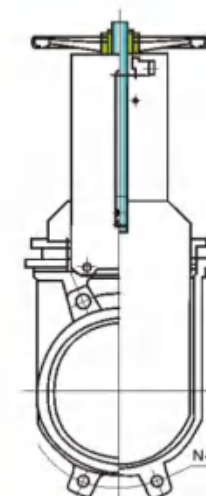
公称口径 DN(mm) Public Path said DN	50-300	350-450	500-100
公称压力PN (Mpa) Normal Pressure	1.0	1.0	1.0
强度试验压力 (Mpa) Strength test pressure	1.5	1.5	1.5
密封试验压力(Mpa) Seal Test Pressure	1.1	1.1	1.1
介质温度 MEDIA Temperature	≤80℃		
适用介质 Suitable Medium	泥浆、煤渣、纸浆、粮浆、粒状物、糊剂等介质 Admixtre Of Duffand Water、Pulp、Studge、Dross		

主要零部件材质 Main components Material

序号NO	零件名称 Part Name	材料 Material
1	阀体 Valve body	QT-400
2	密封圈 Ring	丁腈橡胶 NBR
3	支撑环 Central Support	SS304
4	闸板 Damper	SS304
5	填料 Packing	PTFE
6	阀杆 Ring Stem	2Cr13
7	支撑环 Central Support	Q235-A
8	气动装置 Pneumatic devices	组合件 Combination

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

DN	(L)PN1.0	D	D1	H	N-M
50	40	125	95	425	4-M16
65	40	145	110	475	4-M16
80	50	160	127	505	8-M16
100	50	180	149	580	8-M16
125	50	210	174	655	8-M16
150	60	240	199	745	8-M20
200	60	295	250	890	8-M20
250	70	350	310	1125	12-M20
300	70	400	360	1325	12-M20
350	96	460	416	1480	16-M20
400	100	515	466	1645	16-M24



一体式手动浆液阀 Manual Type Slurry Valve

KWZ673X-0.6 KWZ673X-1.0



本阀结构特点 The valve structure

本阀主要由阀体、O型圈、闸板、阀杆、支架、(手轮)气动装置等件组成。阀门启闭靠启动(手轮)气动装置来完成。

- 1、采用对夹一体式结构，体积小，重量轻。
- 2、完全敞开的通道，可以防止介质在阀内的沉积；
- 3、采用丁晴耐磨O型密封圈，可以保证阀门良好的密封性；
- 4、闸板的密封采用耐磨O型圈与闸板的接触而密封，在介质的作用下密封性能更佳。
- 5、流阻小；
- 6、安装维修方便。

The main valve by valve, O-rings, lock, stem, frame, (hand wheel) pneumatic devices composed pieces. Valve on activated (hand wheel) pneumatic devices to be completed.

- 1, the use of single-folder structure, small size and light weight.
- 2, completely open access, which can prevent the valve dielectric deposition;
- 3, using ABSTRACT A new kind of wear-resistant O ring, the valve can guarantee good sealing;
- 4, valve plates sealed using O-ring wear and gate contacts sealed the role of the media under seal performance better.
- 5, the flow resistance is small;
- 6, installation and maintenance convenience

主要性能规范 Chief Property And Specification

公称通径 DN(mm) Public Path said DN	50-300	350-450	500-100
公称压力 PN (Mpa) Normal Pressure	1.0	1.0	1.0
强度试验压力 (Mpa) Strength test pressure	1.5	1.5	1.5
密封试验压力(Mpa) Seal Test Pressure	1.1	1.1	1.1
介质温度 MEDIA Temperature	≤80℃		
适用介质 Suitable Medium	泥浆、煤渣、纸浆、粮浆、粒状物、糊剂等介质 Admixtre Of Duffand Water、Pulp、Studge、Dross		

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

DN	(L)PN1.0	D	D1	H	N-M
50	40	125	95	425	4-M16
65	40	145	110	475	4-M16
80	50	160	127	505	8-M16
100	50	180	149	580	8-M16
125	50	210	174	655	8-M16
150	60	240	199	745	8-M20
200	60	295	250	890	8-M20
250	70	350	310	1125	12-M20
300	70	400	360	1325	12-M20
350	96	460	416	1480	16-M20
400	100	515	466	1645	16-M24

伞齿轮浆液阀 Bevel Gear Type slurry valve

Z573X-0.6 Z573X-1.0

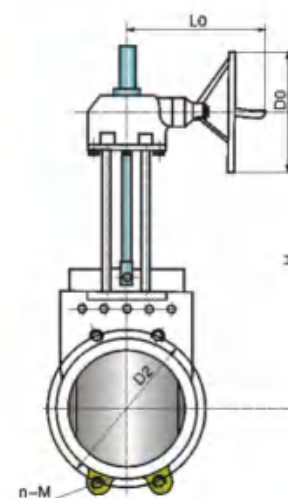
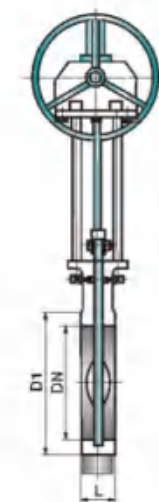
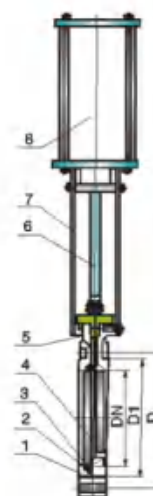
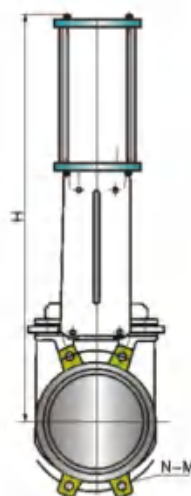


主要性能规范 Chief Property And Specification

公称压力 PN Normal Pressure	试验压力 (Mpa) Test pressure		适用介质 Suitable Medium	工作温度 Working Temperature
	壳体 Seal	密封 Shell		
0.6MPa	0.9	0.66	煤浆、粮浆、纸浆、泥浆、活水砂浆、矿渣、碱液 Coal slurry, and grain pulp, paper and pulp, cement, mortar flowing water, slag, lye	-10℃ ~ 120℃
1.0MPa	1.5	1.1		

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

MPa	DN	L	D1	D2	H	L0	D0	n-M
0.6 MPa	50	48	100	125	300	400	250	4-M16
	65	48	120	145	310	400	250	4-M16
	80	50	135	160	330	400	250	4-M16
	100	50	155	180	380	400	250	8-M16
	125	50	185	210	440	400	250	8-M16
	150	60	210	240	500	400	250	8-M20
	200	60	265	295	580	400	250	8-M20
	250	70	320	350	670	420	300	12-M20
	300	70	368	400	820	420	300	12-M20
	350	80	428	460	900	420	300	16-M20
	400	80	482	515	1020	420	300	16-M22
	450	90	532	565	1150	420	300	20-M22
	500	90	585	620	1250	420	300	20-M22
	600	140	685	725	1500	420	300	20-M27
	700	140	800	840	1750	420	300	24-M27
	800	190	905	950	2000	420	300	24-M30
1.0 MPa	900	203	1005	1050	2300	420	300	28-M30
	1000	216	1115	1160	2500	420	300	28-M30
	1200	254	1325	1380	2800	420	300	32-M36
	50	48	100	125	300	400	250	4-M16
	65	48	120	145	310	400	250	4-M16
	80	50	135	160	330	400	250	4-M16
	100	50	155	180	380	400	250	8-M16
	125	50	185	210	440	400	250	8-M16
	150	60	210	240	500	400	250	8-M20
	200	60	265	295	580	400	250	8-M20
	250	70	320	350	670	420	300	12-M20
	300	80	368	400	820	420	300	12-M20
	350	90	428	460	900	420	300	16-M20
	400	120	482	515	1020	420	300	16-M22
	450	120	532	565	1150	420	300	20-M22
	500	130	585	620	1250	420	300	20-M22
	600	140	685	725	1500	420	300	20-M27
	700	140	800	840	1750	420	300	24-M27
	800	190	905	950	2000	420	300	24-M30
	900	203	1005	1050	2300	420	300	28-M30
	1000	216	1115	1160	2500	420	300	28-M30
	1200	254	1325	1380	2800	420	300	32-M36



电动浆液阀 Electric type slurry valve

Z973X-0.6 Z973X-1.0



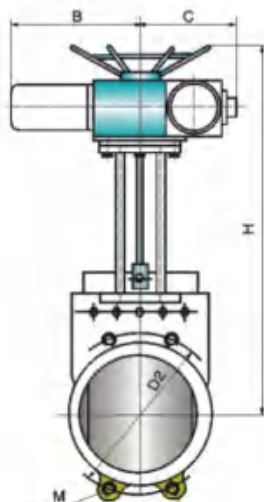
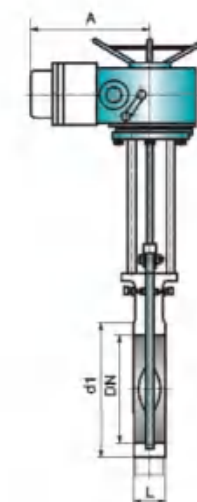
凯维阀门集团
KAIWEI VALVE GROUP

主要性能规范 Chief Property And Specification

公称压力PN Normal Pressure	试验压力 (Mpa) Test pressure		适用介质 Suitable Medium	工作温度 Working Temperature
	壳体 Seal	密封 Shell		
0.6MPa	0.9	0.66	泥浆、煤渣、纸浆、粮浆、粒状物、糊剂等介质 Mud, cinder, pulp, and grain slurry, granular objects, such as dielectric paste	-10℃ ~ 120℃
1.0MPa	1.5	1.1		

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

MPa	DN	L	D2	D1	H	L0	L1	L2
0.6 MPa	50	48	125	100	600			
	65	48	145	120	670			
	80	50	160	135	680			
	100	50	180	155	700			
	125	50	210	185	720			
	150	60	240	210	790			
	200	60	295	265	850			
	250	70	350	320	1100			
	300	70	400	368	1180			
	350	80	460	428	1280			
	400	80	515	482	1460			
	450	90	565	532	1600			
	500	90	620	585	1800			
	600	140	725	685	2100			
	700	140	840	800	2300			
	800	190	950	905	2500			
1.0 MPa	900	203	1050	1005	2700			
	1000	216	1160	1115	2900			
	1200	254	1380	1325	3400			
	50	48	125	100	600			
	65	48	145	120	670			
	80	50	160	135	680			
	100	50	180	155	700			
	125	50	210	185	720			
	150	60	240	210	790			
	200	60	295	265	850			
	250	70	350	320	1100			
	300	80	400	368	1180			
	350	90	460	428	1280			
	400	120	515	482	1460			
	450	120	565	532	1600			
	500	130	620	585	1800			
	600	140	725	685	2100			
	700	140	840	800	2300			
	800	190	950	905	2500			
	900	203	1050	1005	2700			
	1000	216	1160	1115	2900			
	1200	254	1380	1325	3400			



手动刀型闸阀 Manual knife gate valve

Pz73X-0.6 Pz73X-1.0 Pz73H-0.6 Pz73H-1.0



凯维阀门集团
KAIWEI VALVE GROUP

主要性能规范 Chief Property And Specification

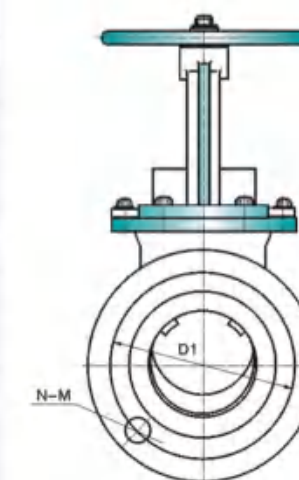
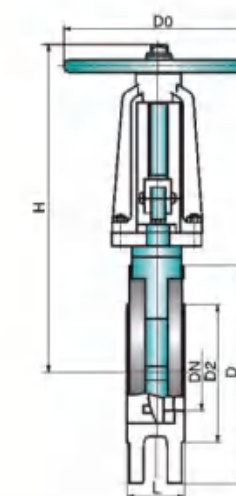
公称压力PN Normal Pressure	壳体试验(Mpa) Shell Test	密封试验(Mpa) Seal Test	工作温度 Working Temperature	适用介质 Suitable Medium
1.0	1.5	1.1	≤100℃	纸浆、污水、煤浆、灰、渣水混和物 Pulp, sewage, slurry of coal ash, slag water mixture
1.6	2.4	1.8	≤100℃	

主要零部件材质 Main components Material

阀体、阀盖 Valve body, Gai	闸板 Damper	阀杆 Ring Stem	密封圈 Ring
不锈钢、碳钢、灰铸铁 Stainless steel, carbon steel, gray iron	碳钢、不锈钢 Carbon steel, stainless steel	不锈钢 Stainless steel	橡胶、四氟、不锈钢、硬质合金 Rubber, tetrafluoroethane, stainless steel, carbide

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

MPa	DN	L	D	D1	D2	H	N-M	D0	重量(Kg)
0.6 MPa	50	43	160	125	100	285	4-M16	180	8
	65	46	180	145	120	298	4-M16	180	10
	80	46	195	160	135	315	4-M16	220	12
	100	52	215	180	155	365	8-M16	220	14
	125	56	245	210	185	400	8-M16	230	22
	150	56	280	240	210	475	8-M20	280	29
	200	60	335	295	265	540	8-M20	360	38
	250	68	390	350	320	630	12-M20	360	66
	300	78	440	400	368	780	12-M20	400	100
	350	78	500	460	428	885	16-M20	400	119
	400	102	565	515	482	990	16-M22	400	195
	450	114	615	565	532	1100	20-M22	530	285
	500	127	670	620	585	1200	20-M22	530	389
	600	154	780	725	685	1450	20-M27	600	529
	700	165	895	840	800	1700	24-M27	600	790
	800	190	1010	950	898	2000	24-M30	680	850
1.0 MPa	900	203	1110	1050	1005	2300	28-M30	680	900
	1000	216	1220	1160	1115	2500	28-M30	700	1050
	1200	254	1450	1380	1325	2800	32-M36	800	1300
	50	43	160	125	99	285	4-M16	180	8.5
	65	46	185	145	120	295	4-M16	180	10.7
	80	46	200	160	135	315	8-M16	220	13
	100	52	220	180	155	365	8-M16	220	15
	125	56	250	210	185	400	8-M16	230	23.5
	150	56	285	240	210	475	8-M20	280	31
	200	60	340	295	265	540	12-M20	360	40.7
	250	68	405	355	310	630	12-M22	360	70
	300	78	460	410	375	780	12-M22	400	107
	350	78	520	470	435	885	16-M22	400	129
	400	102	580	525	485	990	16-M27	400	215
	450	114	640	585	545	1100	20-M27	530	305
	500	127	715	650	609	1200	20-M30	530	410
	600	154	840	770	720	1450	20-M36	600	550
	700	165	910	840	788	1700	24-M36	600	820
	800	190	1025	950	898	2000	24-M36	680	950
	900	203	1125	1050	998	2300	28-M36	680	1020
	1000	216	1255	1170	1110	2500	28-M42	700	1120
	1200	254	1485	1390	1325	2800	32-M48	800	1480



气动刀形闸阀
Pneumatic knife gate valve



Pz673F/H-0.6/1.0/1.6

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

MPa	DN	L	D1	D2	H	n-M	重量(Kg)
0.6 MPa	50	43	90	110	335	4-M12	-
	65	46	110	130	363	4-M12	-
	80	46	125	150	395	4-M16	-
	100	52	145	170	465	4-M16	-
	125	56	175	200	530	8-M16	-
	150	56	200	225	630	8-M16	-
	200	60	255	280	750	8-M16	-
	250	68	310	335	900	12-M16	-
	300	78	362	395	1120	12-M20	-
	350	78	412	445	1260	12-M20	-
	400	102	462	495	1450	16-M20	-
	450	114	518	550	1600	16-M20	-
	500	127	568	600	1800	16-M20	-
	600	154	670	705	2300	20-M22	-
	700	165	775	810	2500	24-M22	-
	800	190	880	920	2800	24-M27	-
	900	203	980	1020	3100	24-M27	-
	1000	216	1080	1120	3400	28-M27	-
	1200	254	1295	1340	3600	32-M30	-
1.0 MPa	50	50	100	125	335	4-M16	-
	65	50	120	145	363	4-M16	-
	80	50	135	160	395	4-M16	-
	100	50	155	180	465	8-M16	-
	125	50	185	210	530	8-M16	-
	150	60	210	240	630	8-M20	-
	200	60	265	295	750	8-M20	-
	250	70	320	350	900	12-M20	-
	300	80	368	400	1120	12-M20	-
	350	90	428	460	1260	16-M20	-
	400	100	482	515	1450	16-M22	-
	450	120	532	565	1600	20-M22	-
	500	130	585	620	1800	20-M22	-
	600	140	685	725	2300	20-M27	-
	700	165	800	840	2500	24-M27	-
	800	190	898	950	2800	24-M30	-
	900	203	1005	1050	3100	28-M30	-
	1000	216	1115	1160	3400	28-M30	-
	1200	254	1325	1380	3600	32-M36	-

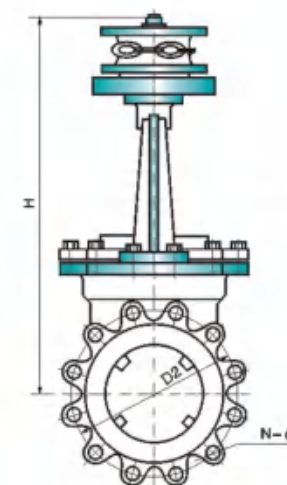
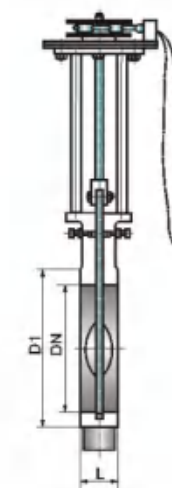
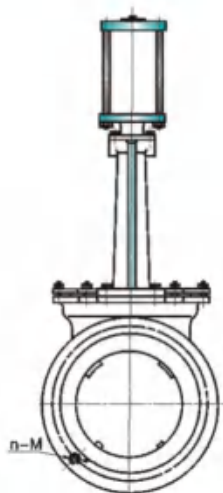
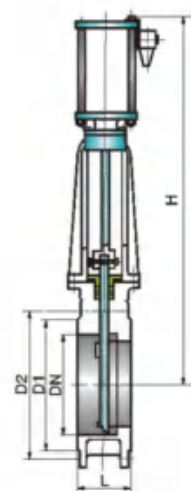
链轮刀形闸阀
Sprocket Knife gate valve



PZL43F/H-0.6/1.0/1.6

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

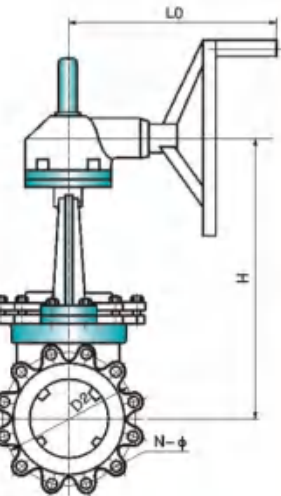
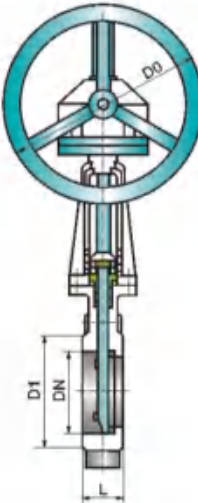
MPa	DN	L	D1	D2	H	n-M	重量(Kg)
0.6 MPa	50	48	90	110	325	4-M12	-
	65	48	110	130	340	4-M12	-
	80	51	125	150	355	4-M16	-
	100	51	145	170	405	4-M16	-
	125	57	175	200	440	8-M16	-
	150	57	200	225	520	8-M16	-
	200	70	255	280	580	8-M16	-
	250	70	310	335	670	12-M16	-
	300	76	362	395	820	12-M20	-
	350	76	412	445	925	12-M20	-
	400	89	462	495	1030	16-M20	-
	500	-	-	-	-	-	-
	600	-	-	-	-	-	-
	700	-	-	-	-	-	-
	800	-	-	-	-	-	-
	900	-	-	-	-	-	-
	1000	-	-	-	-	-	-
	1200	-	-	-	-	-	-
	-	-	-	-	-	-	-
1.0 MPa	50	48	100	125	325	4-M16	-
	65	48	120	145	340	4-M16	-
	80	51	135	160	355	4-M16	-
	100	51	155	180	405	8-M16	-
	125	57	185	210	440	8-M16	-
	150	57	210	240	520	8-M20	-
	200	70	265	295	580	8-M20	-
	250	70	320	350	670	12-M20	-
	300	76	368	400	820	12-M20	-
	350	76	428	460	925	16-M20	-
	400	89	482	515	1030	16-M22	-
	500	-	-	-	-	-	-
	600	-	-	-	-	-	-
	700	-	-	-	-	-	-
	800	-	-	-	-	-	-
	900	-	-	-	-	-	-
	1000	-	-	-	-	-	-
	1200	-	-	-	-	-	-
	-	-	-	-	-	-	-



伞齿轮刀形闸阀
Bevel Gear Knife gate valve



Pz543F/H-0.6/1.0/1.6



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

MPa	DN	L1	D1	D2	H	n-M	重量(Kg)
0.6 MPa	50	48	90	110	300	4-M12	-
	65	48	110	130	310	4-M12	-
	80	51	125	150	330	4-M16	-
	100	51	145	170	380	4-M16	-
	125	57	175	200	440	8-M16	-
	150	57	200	225	500	8-M16	-
	200	70	255	280	580	8-M16	-
	250	70	310	335	670	12-M16	-
	300	76	362	395	820	12-M20	-
	350	76	412	445	900	12-M20	-
	400	89	462	495	1020	16-M20	-
	450	89	518	550	1150	16-M20	-
	500	114	568	600	1250	16-M20	-
	600	114	670	705	1500	20-M22	-
	700	127	775	810	1750	24-M22	-
	800	127	880	920	2000	24-M27	-
1.0 MPa	900	154	980	1020	2300	24-M27	-
	1000	165	1080	1120	2500	28-M27	-
	1200	190	1295	1340	2800	32-M30	-
	50	48	100	125	300	4-M16	-
	65	48	120	145	310	4-M16	-
	80	51	135	160	330	4-M16	-
	100	51	155	180	380	8-M16	-
	125	57	185	210	440	8-M16	-
	150	57	210	240	500	8-M20	-
	200	70	265	295	580	8-M20	-
	250	70	320	350	670	12-M20	-
	300	76	368	400	820	12-M20	-
	350	76	428	460	900	16-M20	-
	400	89	482	515	1020	16-M22	-
	450	89	532	565	1150	20-M22	-
	500	114	585	620	1250	20-M22	-
	600	114	685	725	1500	20-M27	-
	700	127	800	840	1750	24-M27	-
	800	127	898	950	2000	24-M30	-
	900	154	1005	1050	2300	28-M30	-
	1000	165	1115	1160	2500	28-M30	-
	1200	190	1325	1380	2800	32-M36	-

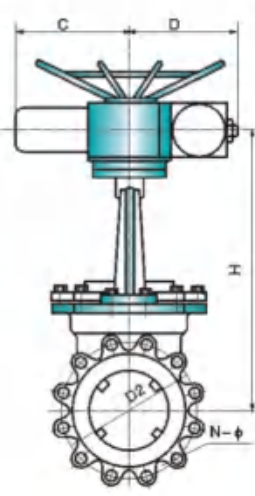
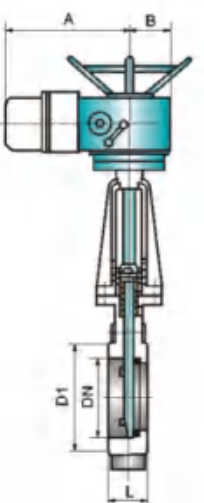
电动刀形闸阀
Electric Knife gate valve



Pz943F/H-0.6/1.0/1.6

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

公称压力	DN	L	D1	D2	H	A	B	C	D	n-φ	电装型号
0.6 MPa	50	48	90	110	600	215	125	318	197	4-M12	DZ10
	65	48	110	130	670	215	125	318	197	4-M12	DZ10
	80	51	125	150	680	215	125	318	197	4-M16	DZ10
	100	51	145	170	700	215	125	318	197	4-M16	DZ10
	125	57	175	200	720	215	125	318	197	8-M16	DZ10
	150	57	200	225	790	215	125	318	197	8-M16	DZ10
	200	70	255	280	850	215	125	363	197	8-M16	DZ15
	250	70	310	335	1100	215	125	363	197	12-M16	DZ20
	300	76	362	395	1180	215	125	363	197	12-M20	DZ20
	350	76	412	445	1280	215	125	363	197	12-M20	DZ30
	400	89	462	495	1460	215	125	363	197	16-M20	DZ45
	450	89	518	550	1600	240	235	437	277	16-M20	DZ45
	500	114	568	600	1800	240	235	437	277	16-M20	DZ60
	600	114	670	705	2100	240	235	437	277	20-M22	DZ60
	700	127	775	810	2300	274	260	526	283	24-M22	DZ90
	800	127	880	920	2500	274	260	526	283	24-M27	DZ120
1.0 MPa	900	154	980	1020	2700	319	295	554	309	24-M27	DZ180
	1000	165	1080	1120	2900	319	295	554	309	28-M27	DZ250
	1200	190	1295	1340	2300	319	295	554	309	32-M27	DZ250
	50	48	100	125	600	215	125	318	197	4-M16	DZ10
	65	48	120	145	670	215	125	318	197	4-M16	DZ10
	80	51	135	160	680	215	125	318	197	4-M16	DZ10
	100	51	155	180	700	215	125	318	197	8-M16	DZ10
	125	57	185	210	720	215	125	318	197	8-M16	DZ10
	150	57	210	240	790	215	125	363	197	8-M20	DZ15
	200	70	265	295	850	215	125	363	197	8-M20	DZ20
	250	70	320	350	1140	215	125	363	197	12-M20	DZ20
	300	76	368	400	1180	215	125	363	197	12-M20	DZ30
	350	76	428	460	1280	215	125	363	197	16-M20	DZ30
	400	89	482	515	1460	240	235	437	277	16-M22	DZ45
	450	89	532	565	1600	240	235	437	277	20-M22	DZ45
	500	114	585	620	1800	240	235	437	277	20-M22	DZ60
	600	114	685	725	2100	240	235	437	277	20-M27	DZ60
	700	127	800	840	2300	274	260	526	238	24-M27	DZ120
	800	127	898	950	2500	319	295	554	309	24-M30	DZ180
	900	154	1005	1050	2700	319	295	554	309	28-M30	DZ180
	1000	165	1115	1160	2900	319	295	554	309	28-M30	DZ250
	1200	190	1325	1380	3400	319	295	554	309	32-M36	DZ258



插板阀
Series Plate Valve

SCZ673F/H-0.6 SCZ673/H-1.0



产品特点 Product Features

本产品驱动装置可采用电动、气动、手动、伞齿轮转动等装置。汽动装置可安装空气过滤器、电磁阀、感应器，如安装以上驱动装置，汽动装置应在合同中注明。

The device can be powered electrical, pneumatic, manual, pinion rotating devices. Steam devices can be installed air filters, solenoids, sensors, such as the installation of more device drivers, Steam installations should be indicated in the contract.

主要零部件材质 Main components Material

零件名称 Parts name	材料 Material	零件名称 Parts name	材料 Material
阀体 Valve body	1CF18Ni9Ti、CF8、CF3 CF8M、CF3M、WCB	阀杆 Ring Stem	1CF18Ni9Ti
阀座密封圈 Seal ring	橡胶或PTFE	支架 Stent	不锈钢 Stainless steel
阀体间密封垫片 seal between gasket	橡胶或PTFE	填料压盖 Packing gland	不锈钢 Stainless steel
阀盖 Valve cover	1CF13Ni9Ti、CF8、CF3 CF3M、CF8M、2CF13	填料 Packing	石墨或PTFE
阀体装配螺栓 Valve assembly bolts	B7	填料压盖螺栓 Packing gland bolts	B7

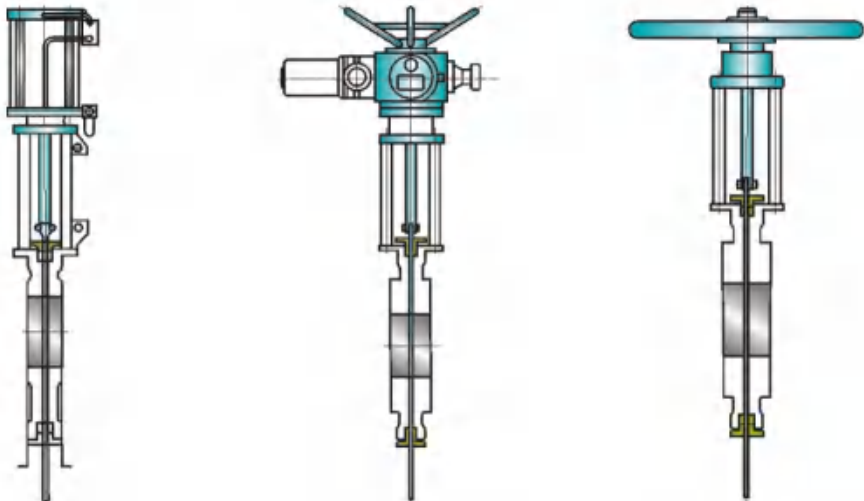
注：橡胶牌号取决于介质性质和使用温度。闸板材质牌号取决于介质性质。

Note: Rubber brands depend on the nature and use of medium temperature. Lock brands depend on the dielectric material nature.

壳体试验和密封试验 Shell testing and sealing test

- 1、插板阀的壳体试验和密封试验介质为水（含防腐剂）、煤油或粘度不大于水的其他适宜液体。
- 2、密封座是非金属密封的插板阀，密封壳体试验和要求按GB/T13927-92 D级规定。
- 3、密封座是金属密封的插板阀，对有密封性能要求的，密封试验的泄漏量按 $1 \times DNmm^3/s$ 计算，没有密封性能要求的，不做此项试验。
- 4、用电动、液动、气动装置驱动的插板阀，关闭位置调定后，关闭3次按1和3要求进行壳体试验。
- 5、插板阀清洁度要求按JB/T7748的规定。
- 6、静压寿命试验。
- 7、插板阀静压寿命试验次数按规定，其他技术要求按JB/Z 234的规定。

- 1, the shell pinboard valve testing and sealing test medium for water (containing preservatives), kerosene or the viscosity of water is not more than other suitable liquid.
- 2, sealed vice nonmetal parts for the valve seal, Shell sealed by the pilot and requirements GB/T13927-92 D provisions.
- 3, Seal is sealed Sheet metal valve, a pair of sealing performance requirements, Seal leakage test by an $x DNmm^3/s$, no sealing performance requirements do this test.
- 4, using electric, hydraulic, pneumatic - driven devices pinboard valve closed position to set, closed three times by three and a request for Shell and sealing test.
- 5, pinboard valve JB/T7748 cleanliness required by the provisions.
- 6, the static life test.
- 7, pinboard valve HIP life test by the number of rules and other technical requirements by JB/Z 234 requirements.



插板阀
Series Plate Valve

SCZ673F/H-0.6 SCZ673/H-1.0



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

MPa	DN	L	$\phi 1$	H	H2	N-M	汽缸直径 (mm) Cylinder Diameter
0.6 MPa	50	40	125	397	51	4-M16	50
	65	40	145	418	67	4-M16	65
	80	50	160	579	82	4-M16	80
	100	50	180	612	102	8-M16	100
	125	50	210	710	127	8-M16	125
	150	60	240	816	152	8-M20	150
	200	60	295	990	202	8-M20	200
	250	70	350	1106	253	12-M20	250
	300	70	400	1264	303	12-M20	300
	350	80	460	1575	353	16-M20	350
	400	80	515	1562	402	16-M22	400
	450	90	565	1750	452	20-M22	450
1.0 MPa	500	90	620	1994	502	20-M22	500
	600	100	725	2040	603	20-M27	600
	50		125	397	51	4-M16	50
	65		145	418	67	4-M16	65
	80		160	579	82	4-M16	80
	100		180	612	102	8-M16	100
	125		210	710	127	8-M16	125
	150		240	816	152	8-M20	150
	200		295	990	202	8-M20	200
	250	70	350	1106	253	12-M20	250
	300	80	400	1264	303	12-M20	300
	350	80	460	1575	353	16-M20	350
	400	90	515	1562	402	16-M22	400
	450	90	565	1750	452	20-M22	450
	500	100	620	1994	502	20-M22	500
	600		725	2040	603	20-M27	600

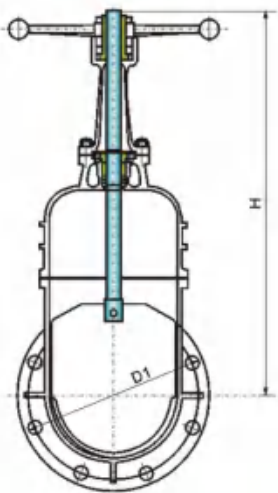
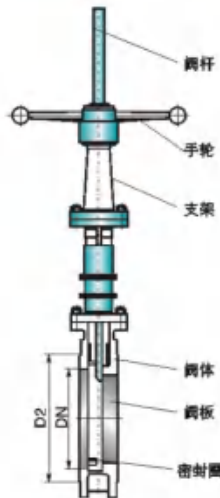
静压寿命 实验次数 HIP number of experimental life	金属密封 Metal Seal	DN $\leq$ 150mm	1200次
		DN $\geq$ 200-400mm	1000次
		DN $\leq$ 450mm	800次
	非金属密封 Non-metallic seals	DN $\leq$ 150mm	1400次
		DN $\leq$ 200-400mm	1200次
		DN $\leq$ 450mm	1000次

注：1、金属密封指密封副材料是金属-金属。
2、非金属密封指密封副材料是金属-非金属或非金属-非金属。
Note: 1, metal seal means vice material is sealed metal-metal.
2, non-metallic sealing materials refers to the Deputy sealed metal-non-metallic or non-metallic-non-metallic.

手动暗杆式刀形闸阀
Manual Nonrising Knife Gate Valve



PFZ73N/F/H/Y-6/10/16



主要零部件材质 Main components Material

阀体、上盖 Valve body, Gai	碳钢、不锈钢 Carbon steel, stainless steel
闸板 Damper	不锈钢 Stainless steel
阀杆 Ring Stem	不锈钢 Stainless steel
密封圈 Ring	橡胶、四氟、不锈钢、硬质合金 Rubber, tetrafluoroethane, stainless steel, carbide

主要性能规范 Chief Property And Specifieation

公称压力PN Normal Pressure	PN
壳体试验 Seal Test pressure	1.5 × PN
密封试验 Shel Test pressure I	1.1 × PN
工作温度 Working Temperation	橡胶 ≤ 80℃；四氟密封 ≤ 180℃；硬密封 ≤ 425℃ Rubber ≤ 80 ° C; PTFE sealing ≤ 180℃ ; Seal ≤ 425 ° C
适用介质 Suitable Medium	纸浆、污水、煤气等 Pulp, sewage, gas, etc.

设计制造：JB/T8691-1998
结构长度：GB/T15188.2-94
法兰连接：GB/T9113.1-2000 JB/T79-94
试验与验收：GB/T13927-92

Design and manufacture：JB/T8691-1998
Length of the structure：GB/T15188.2-94
Flange connection：GB/T9113.1-2000 JB/T79-94
Test and Acceptance：GB/T13927-92

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

公称压力 PN (MPa)	公称口径 DN (mm)	L (mm)	D (mm)	D1 (mm)	D2 (mm)	H (mm)	N-M (mm)	D0 (mm)
1.0 MPa	150	70	280	240	210	475	8-M20	280
	200	80	335	295	265	540	8-M20	360
	250	85	390	350	320	630	12-M20	360
	300	100	440	400	368	780	12-M20	400
	350	100	500	460	428	885	16-M20	400
	400	110	565	515	482	990	16-M22	400
	450	120	615	565	532	1100	20-M22	530
	500	130	670	620	585	1200	20-M22	530
	600	140	780	725	685	1450	20-M27	600
	700	165	895	840	800	1700	24-M27	600
	800	190	1010	950	905	2000	24-M30	680
	900	200	1110	1050	1005	2300	28-M30	680
	1000		1220	1160	115	2780	28-M33	配电动
	1200		1450	1380	1325	3360	32-M36	
	1400		1675	1590	1525	3920	36-M39	
	1600		1915	1820	1750	4480	40-M45	

注：0.6MPa、1.0MPa、1.6MPa及美标150Lb等连接尺寸见附录。
Note：0.6 MPa, ADCP, 1.6MPa and the United States were linked 150Lb standard size, see appendix.



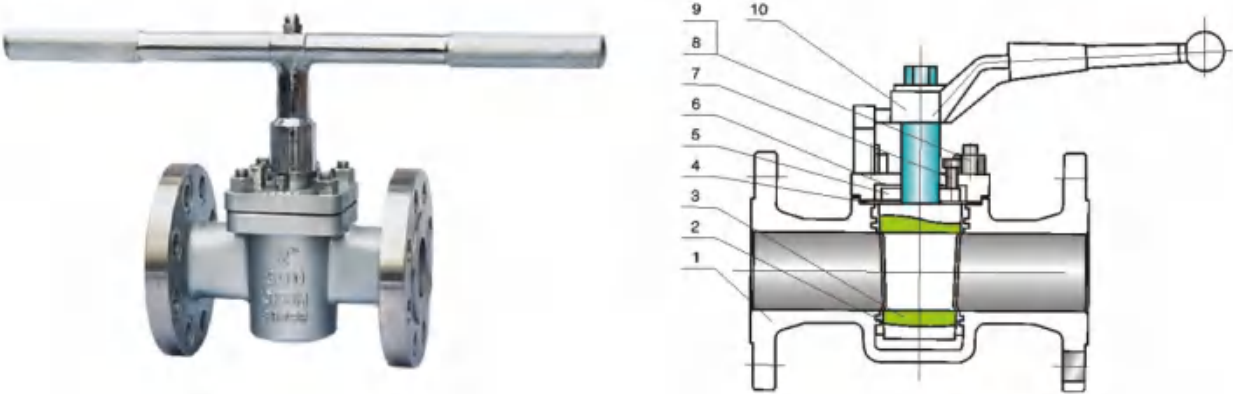
Plug Valve Series
旋塞阀系列



追求更完美的质量！
Seeking for more perfect quality!

合理的结构，完美的设计，对于品质的追求我们总是比别人做的更好！
Reasonable structure and perfect design. We are always better than others in the pursuit toward quality.

美标卡套软密封旋塞阀
Sleeve Type Soft Sealing Plug Valve acc. to ANSI



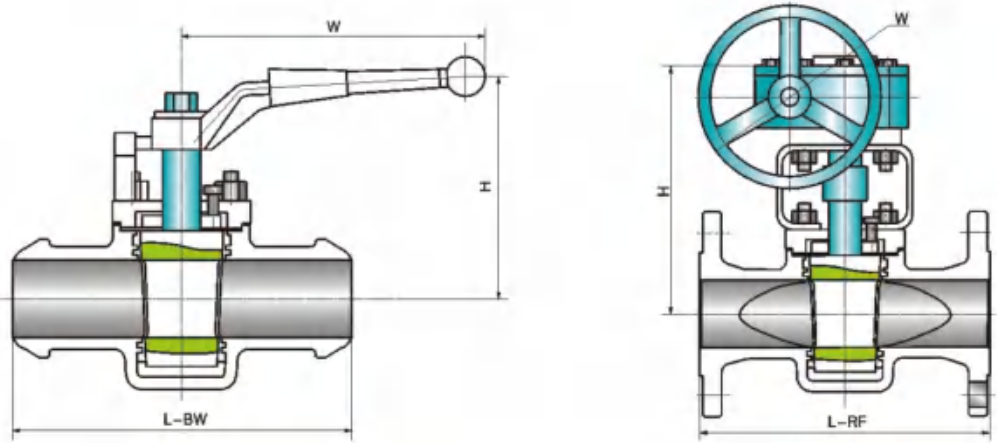
主要零件材料 Material for main parts

序号NO.	名称 Part name	材 质 Material
1	阀体 Body	ASTM A216 WCB ASTM A351-CF8,CF8M,CF3,CF3M
2	卡套 Sleeve	PTFE
3	塞子 Plug	ASTM A182-Gr.F6a ASTM A182-F22 ASTM A182-F304,F316,F321,F304L,F316
4	垫片 Gasket	柔性石墨+不锈钢 Flexible graphite+stainless steel, PTFE
5	调整垫 Adjusting gasket	ASTM A182-Gr.F6a ASTM A182-F22 ASTM A182-F304,F316,F321,F304L,F316
6	阀盖 Cover	ASTM A216-WCB ASTM A351-CF8,CF8M,CF3,CF3M
7	调整螺栓 Adjusting bolt	ASTM A193-B7,A193-B8,A193-B8M
8	六角螺母 Nut	ASTM A194-2H,A194-8,A194-8M
9	螺栓 Bolt	ASTM A193-B7,A193-B8,A193-B8M
10	手柄 Wrench	ASTM A105-WCB

美标卡套软密封旋塞阀
Sleeve Type Soft Sealing Plug Valve acc. to ANSI



AX43-150~900Lb



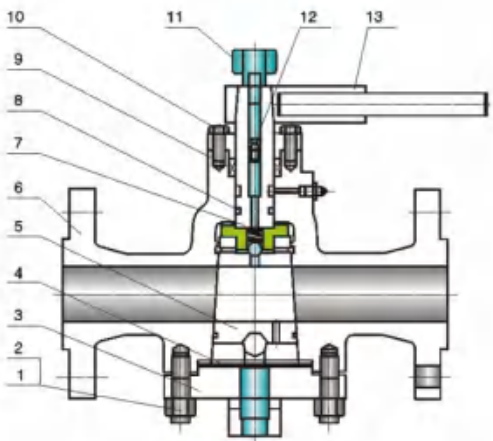
主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

型号Model		AX43-150													
压力等级Pressure		150Lb													
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
L-RF		108	117	127	140	165	178	190	203	229	254	267	292	330	356
L-BW		152	178	203	216	229	267	305	330	356	381	394	457	533	610
H		110	115	115	135	140	150	165	180	380	460	520	580	620	680
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380
重量(Kg)Weight		8.5	9.5	10.5	12	14	18	22	26	40	60	70	130	219	381
型号Model		AX43-300													
压力等级Pressure		300Lb													
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
L-RF		140	152	165	178	190	216	241	283	305	381	403	419	457	502
L-BW		152	178	203	216	229	267	305	330	356	381	457	521	559	635
H		110	115	115	135	140	150	165	180	380	460	520	580	620	680
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380
重量(Kg)Weight		9.5	10.5	12	14	16	20	24	29	53	75	85	185	230	390
型号Model		AX43-600													
压力等级Pressure		600Lb													
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
L-RF • BW		165	190	216	229	241	292	330	356	432	508	559	660	787	838
H		110	115	115	135	140	150	165	180	380	460	520	580	620	680
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380
重量(Kg)Weight		11	13	17	20	23	27	31	36	72	98	141	245	330	515
型号Model		AX43-900													
压力等级Pressure		900Lb													
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
L-RF • BW		229	229	254	279	305	368	419	381	457	559	610	737	838	965
H		110	115	115	135	140	150	165	180	380	460	520	580	620	680
W		175	175	175	220	280	305	350	405	300	300	320	320	350	380
重量(Kg)Weight		13	16	21	24	28	32	40	47	91	117	165	285	420	610

注：四寸及以上为蜗轮操作 4" or above with worm gear

美标压力平衡式倒装油密封旋塞阀
Inverted Pressurebalance Lubricated Plug Valve acc. to ANSI



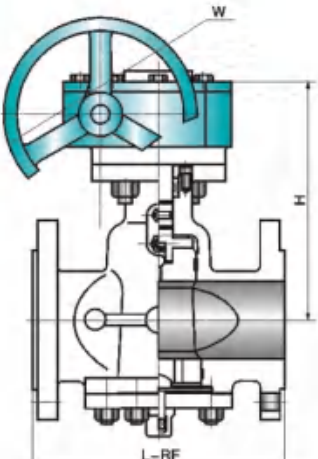
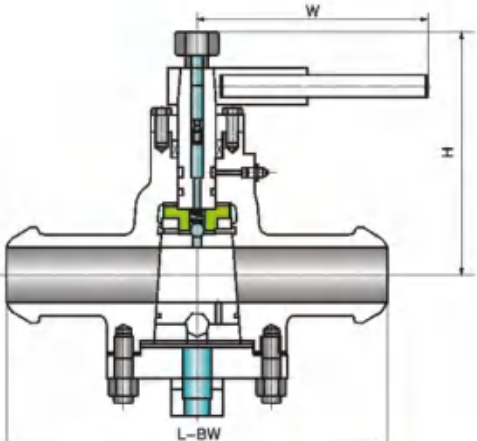
主要零件材料 Material for main parts

序号NO.	名称 Part name	材 质 Material
1	双头螺栓 Bolt	ASTM A193-B7、A193-B8、A193-B8M
2	六角螺母 Nut	ASTM A194-2H、A194-8、A194-8M
3	阀盖 Cover	ASTM A216-WCB ASTM A351-CF8、CF8M、CF3、CF3M
4	垫片 Gasket	柔性石墨+不锈钢 Flexible graphite+stainless steel、PTFE
5	塞子 Plug	ASTM A182-Gr.F6a ASTM A182-F22 ASTM A182-F304、F316、F321、F304L、F316L
6	阀体 Body	ASTM A216-WCB ASTM A351-CF8、CF8M、CF3、CF3M
7	阀杆 Stem	ASTM A182-Gr.F6a ASTM A182-F22 ASTM A182-F304、F316、F321、F304L、F316L
8	*O*型圈 *O*ring	丁腈橡胶 NBR
9	填料 Packing	柔性石墨 Flexible graphite、PTFE
10	填料压盖 Gland	ASTM A216-WCB ASTM A351-CF8、CF8M、CF3、CF3M
11	加油嘴 Oil nozzle	
12	止回阀 Check valve	
13	手柄 Wrench	ASTM A47-32510、A216 WCB

美标压力平衡式倒装油密封旋塞阀
Inverted Pressurebalance Lubricated Plug Valve acc. to ANSI



AX47-150-900Lb



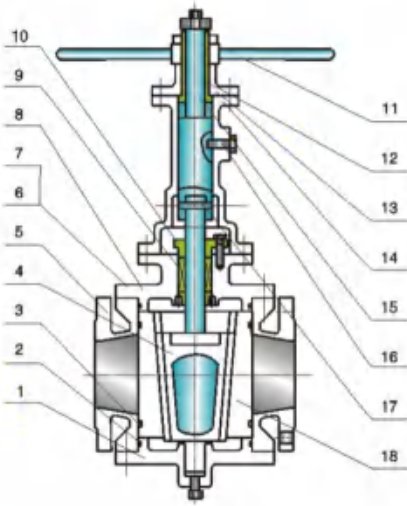
主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

型号Model		AX47-150													
压力等级Pressure		150Lb													
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
L-RF		108	117	127	140	165	178	190	203	229	254	267	292	330	356
L-BW		152	178	203	216	229	267	305	330	356	381	394	457	533	610
H		180	180	185	200	210	215	250	270	300	340	365	400	450	510
W		400	400	500	500	600	600	820	820	300	300	320	320	350	380
重量(Kg)Weight		10	12	14	17	19	21	29	33	48	75	98	125	171	230
型号Model		AX47-300													
压力等级Pressure		300Lb													
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
L-RF		140	152	165	178	190	216	241	283	305	381	403	419	457	502
L-BW		152	178	203	216	229	267	305	330	356	381	457	521	559	635
H		180	180	185	200	210	215	250	270	300	340	365	400	450	510
W		400	400	500	600	600	820	1000	1000	300	300	320	320	350	380
重量(Kg)Weight		12	14	16	19		24	31	36	61	86	130	190	255	380
型号Model		AX47-600													
压力等级Pressure		600Lb													
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
L-RF • BW		165	190	216	229	241	292	330	356	432	508	559	660	787	838
H		180	180	185	200	210	215	250	270	300	340	365	400	450	510
W		400	400	500	500	600	600	820	820	300	300	320	320	350	380
重量(Kg)Weight		14	16	18	20	24	29	35	47	91	129	210	320	660	920
型号Model		AX47-900													
压力等级Pressure		900Lb													
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12
L-RF • BW		229	229	254	279	305	368	419	381	457	559	610	737	838	965
H		180	180	185	200	210	215	250	270	300	340	365	400	450	510
W		400	400	500	600	600	820	1000	1000	300	300	320	320	350	380
重量(Kg)Weight		17	29	21	24	30	37	44	65	110	160	255	380	810	1050

注：四寸及以上为蜗轮操作 4" or above with worm gear

轨道旋塞阀(将军阀)
Orbit plug valve (general valve)



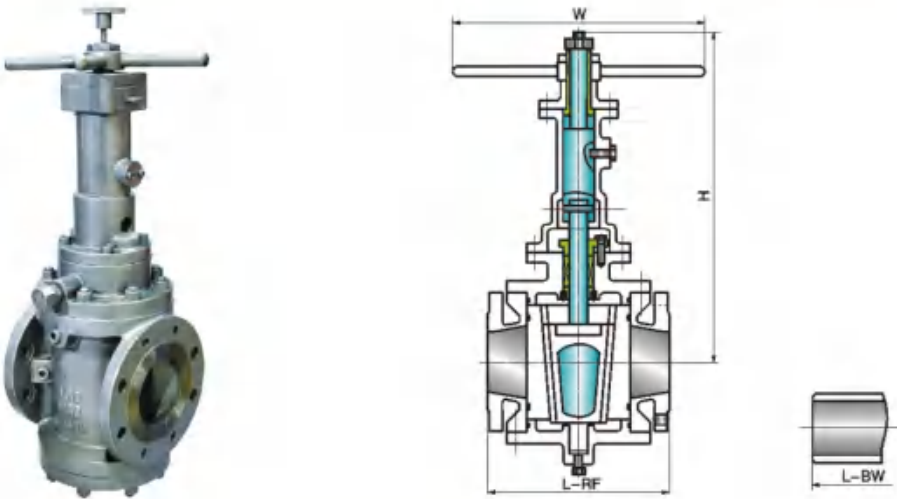
主要零件材料 Material for main parts

序号NO.	名称 Part name	材 质 Material
1	下盖 Bottom	ASTM A216-WCB ASTM A351-CF8,CF8M,CF3,CF3M
2	O型圈 Oring	丁腈橡胶 NBR、PTFE
3	密封圈 Sealing ring	氟橡胶 Viton、PTFE
4	塞子 Plug	ASTM A182-Gr.F6a ASTM A182-F22 ASTM A351-CF8,CF8M,CF3,CF3M
5	阀体 Body	ASTM A216-WCB ASTM A351-CF8,CF8M,CF3,CF3M
6	螺栓 Bolt	ASTM A193-B7,A193-B8,A193-B8M
7	六角螺母 Nut	ASTM A194-2H,A194-8,A194-8M
8	阀盖 Cover	ASTM A216-WCB ASTM A351-CF8,CF8M,CF3,CF3M
9	填料 Packing	柔性石墨+不锈钢 Flexible graphite+stainless steel、PTFE
10	填料压盖 Gland	ASTM A216-WCB ASTM A351-CF8,CF8M,CF8M,CF3,CF3M
11	手轮 Handwheel	ASTM A536 Gr.60-40-18、A216-WCB
12	阀杆螺母 Yoke nut	铜合金 ZQA19-4
13	阀杆螺母套 Yoke nut bushing	ASTM A216-WCB ASTM A351-CF8,CF8M,CF3,CF3M
14	支架 Yoke	ASTM A216-WCB ASTM A351-CF8,CF8M,CF3,CF3M
15	阀杆 Stem	ASTM A182-Gr.F6a ASTM A182-F22 ASTM A351-CF8,CF8M,CF3,CF3M
16	导向螺栓 Guiding stud	ASTM A182-Gr.F6a ASTM A182-F22 ASTM A351-CF8,CF8M,CF3,CF3M
17	销 Pin	ASTM A182-Gr.F6a ASTM A182-F22 ASTM A351-CF8,CF8M,CF3,CF3M
18	阀片 Disc	ASTM A182-Gr.F6a ASTM A182-F22 ASTM A351-CF8,CF8M,CF3,CF3M

轨道旋塞阀(将军阀)
Orbit plug valve (general valve)



AOX43-150-900Lb

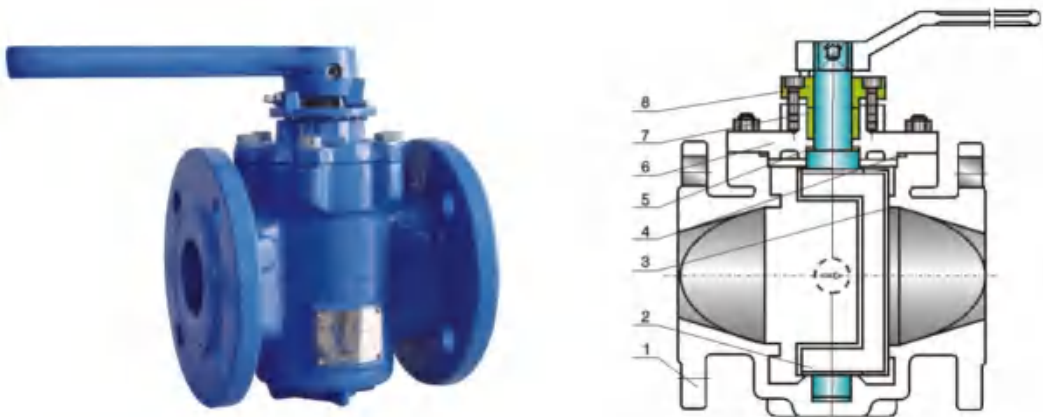


主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

型号Model		AOX43-150														
压力等级Pressure		150Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF		108	117	127	140	165	178	190	203	229	254	267	292	330	305	381
L-BW		152	178	203	216	229	267	305	330	356	381	394	457	533	610	686
H		230	260	300	340	380	435	460	490	525	570	625	700	780	870	980
W		120	140	160	180	200	220	260	280	300	340	400	450	500	500	500
重量(Kg)Weight		10					34	39	50			135	210		350	605
型号Model		AOX43-300														
压力等级Pressure		300Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF		140	152	165	178	190	216	241	283	305	381	403	419	457	502	762
L-BW		152	178	203	216	229	267	305	330	356	381	457	521	559	635	762
H		230	260	300	340	380	435	460	490	525	570	625	700	780	870	980
W		120	140	140	180	200	220	260	280	300	340	400	450	450	500	500
重量(Kg)Weight		11	13	20	27	31	37	44	60	82	115	165	225	305	405	650
型号Model		AOX43-600														
压力等级Pressure		600Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF + BW		165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
H		230	260	300	340	380	435	460	490	525	570	625	700	780	870	980
W		120	140	140	180	200	220	260	280	300	340	400	450	450	500	500
重量(Kg)Weight		13	15	22	29	34	41	54	68	99	128	191	258	430	650	870
型号Model		AOX43-900														
压力等级Pressure		900Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF + BW		229	229	254	279	305	368	419	381	457	559	610	737	838	965	1029
H		230	260	300	340	380	435	460	490	525	570	625	700	780	870	980
W		120	140	140	180	200	220	260	280	300	340	400	450	450	500	500
重量(Kg)Weight		15	19	24	32	38	47	62	75	115	147	220	379	490	720	1020

偏心旋塞阀
Eccentricity plug valve



特征 Features

1. 双偏心设计, 低摩擦开启和关闭, 确保零泄漏。
2. 含镍=90%, 3mm厚的堆焊阀座, 或高性能树脂阀座, 能满足多种的耐腐蚀要求。
3. V型组合密封圈, 可在不卸操作机的情况下进行更换。
4. 密封胶加注口设计, 可延长阀门使用周期。
5. 阀轴承为自润滑材料, 无须加润滑油, 对阀轴磨损很小。
6. 旋塞体模压热胶包, 无橡胶脱落和冲刷腐蚀的担忧。
7. 阀盖和阀体用O形圈密封, 螺栓数量减少, 方便维修。
8. 理想的线性曲线, 可作为调节阀使用。
9. 提供阀门进出口压力表接头, 方便用户控制和测定流量。
10. 直通通道、圆柱形阀体设计, 沉积物不容易程。
11. 开度显示和开度记忆, 方便用户操作。
12. 可配置手动、电动、气动操作机。

1. Eccentric design, lower friction, zero leakage.
2. Welded-in stainless steel, nickel or resin seat can meet corrosion resistance requirements of various medium.
3. V type sealing ring can be changed on line without disassembling the operator.
4. Self-lubricated bearing provides very easy operation and low operation wearing.
5. Ductile iron plug wholly covered with rubber for drip-tight shut off assures excellent erode and corrosion resistance.
6. O-ring seals provide easy maintenance.
7. Linear characteristic can be used for throttling purpose.
8. Straight through flow design and columniform body can meet max. flow capacity requirements without deposits.
9. Opening indication provides easy operation.
10. Available for manual, pneumatic and electric actuator operation

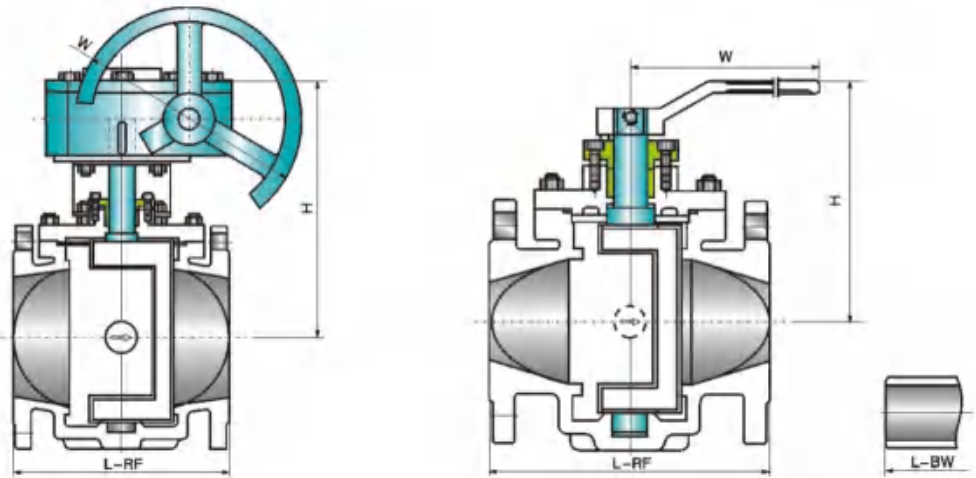
主要零件材料 Material for main parts

序号 Item	零件名称 Parts name	材质 Material
1	阀体 Body	ASTM A216 WCB ASTM A351-CF8,CF8M,CF3,CF3M
2	旋塞 Plug	ASTM A216 WCB ASTM A351-CF8,CF8M,CF3,CF3M
3	阀座 Seat	不锈钢, 镍合金或树脂 Stainless steel, nickel, resin
4	O型密封圈 O-ring	橡胶 EPDM, NBR
5	轴承 Bearing	自润滑材料 Self-lubricated material
6	阀盖 Bonnet	ASTM A216 WCB ASTM A351-CF8,CF8M,CF3,CF3M
7	V型密封圈 V-ring	橡胶 EPDM, NBR
8	压盖 Pressing plate	ASTM A216 WCB ASTM A351-CF8,CF8M,CF3,CF3M

偏心旋塞阀
Eccentricity plug valve



ALX47-150~900Lb



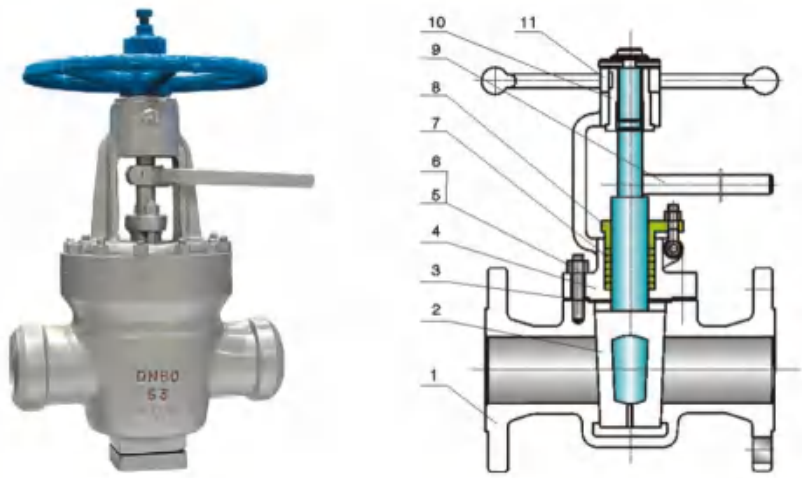
主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

型号Model		AX47-150Lb														
压力等级Pressure		150Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1¼	1½	2	2½	3	4	5	6	8	10	12	14
L-RF		108	117	127	140	165	178	190	203	229	254	267	292	330	356	381
L-BW		152	178	203	216	229	267	305	330	356	381	394	457	533	610	686
H		59	63	75	95	107	142	152	178	252	272	342	398	495	580	625
W		400	400	500	500	600	600	820	820	300	300	320	320	350	380	380
重量(Kg)Weight		10	12	14	17	19	21	29	33	48	75	98	125	171	230	370
型号Model		AX47-300Lb														
压力等级Pressure		300Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1¼	1½	2	2½	3	4	5	6	8	10	12	14
L-RF		140	152	165	178	190	216	241	283	305	381	403	419	457	502	762
L-BW		152	178	203	216	229	267	305	330	356	381	457	521	559	635	762
H		59	63	75	95	107	142	152	178	252	272	342	398	495	580	625
W		400	400	500	600	600	820	1000	1000	300	300	320	320	350	380	380
重量(Kg)Weight		12	14	16	19	21	24	31	36	61	86	130	190	255	380	560
型号Model		AX47-600Lb														
压力等级Pressure		600Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1¼	1½	2	2½	3	4	5	6	8	10	12	14
L-RF·BW		165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
H		59	63	75	95	107	142	152	178	252	272	342	398	495	580	625
W		400	400	500	500	600	600	820	820	300	300	320	320	350	380	380
重量(Kg)Weight		14	16	18	20	24	29	35	47	91	129	210	320	660	920	1250
型号Model		AX47-900Lb														
压力等级Pressure		900Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1¼	1½	2	2½	3	4	5	6	8	10	12	14
L-RF·BW		229	229	254	279	305	368	419	381	457	559	610	737	838	965	1029
H		59	63	75	95	107	142	152	178	252	272	342	398	495	580	625
W		400	400	500	600	600	820	1000	1000	300	300	320	320	350	380	380
重量(Kg)Weight		17	29	21	24	30	37	44	65	110	160	255	380	810	1050	1460

注: 四寸及以上为蜗轮操作 4" or above with worm gear

法兰连接美标提升式硬密封旋塞阀
Flange-connection lifting plug valve acc. to ANSI



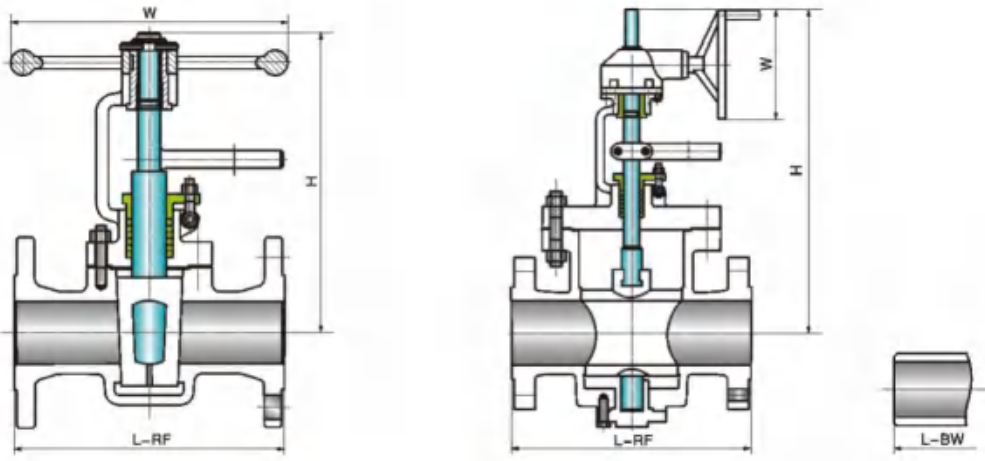
主要零件材料 Material for main parts

序号 NO.	名称 Part name	材 质 Material
1	阀体 Body	ASTM A216-WCB ASTM A217-WC1,WC6,WC9,C5 ASTM A351-CF8,CF8M,CF3,CF3M
2	塞子 Plug	ASTM A182-Gr.F6a ASTM A182-F22 ASTM A182-F304,F316,F321,F304L,F316L
3	垫子 Gasket	柔性石墨+不锈钢 Flexible graphite+stainless steel, PTFE
4	阀盖 Cover	ASTM A216-WCB ASTM A217-WC1,WC6,WC9,C5 ASTM A351-CF8,CF8M,CF3,CF3M
5	螺栓 Bolt	ASTM A193-B7,A193-B8A193-B8M
6	六角螺母 Nut	ASTM A194-2H,A194-8,A194-8M
7	填料 Packing	柔性石墨 Flexible graphite, PTFE
8	填料压盖 Gland	ASTM A216-WCB ASTM A217-WC1,WC6,WC9,C5 ASTM A315-CF8,CF8M,CF3,CF3M
9	手柄 Wrench	ASTM A216-WCB ASTM A351-CF8,CF8M,CF3,CF3M
10	阀杆螺母 Yoke nut	铜合金 ZQA19-4
11	手轮 Handwheel	ASTM A536 Gr.60-40-18 ASTM A216-WCB

法兰连接美标提升式硬密封旋塞阀
Flange-connection lifting plug valve acc. to ANSI



ALX43-150~900Lb



主要外形和连接尺寸 Main external and connection dimension

单位Unit: mm

型号Model		ALX43-150Lb														
压力等级Pressure		150Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF		108	117	127	140	165	178	190	203	229	254	267	292	330	356	381
L-BW		152	178	203	216	229	267	305	330	356	381	394	457	533	610	686
H		190	195	225	260	280	310	340	395	435	470	535	590	630	680	720
W		120	140	140	180	200	220	260	280	300	340	400	450	450	500	500
重量(Kg)Weight		9	10	11	17	19	23	25	32	55	82	98	130	178	250	380
型号Model		ALX43-300Lb														
压力等级Pressure		300Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF		140	152	165	178	190	216	241	283	305	381	403	419	457	502	762
L-BW		152	178	203	216	229	267	305	330	356	381	457	521	559	635	762
H		190	195	225	260	280	310	340	395	435	470	535	590	630	680	720
W		120	140	140	180	200	220	260	280	300	340	400	450	450	500	500
重量(Kg)Weight		10	12	14	19	21	28	34	39	75	95	135	200	255	415	650
型号Model		ALX43-600Lb														
压力等级Pressure		600Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF + BW		165	190	216	229	241	292	330	356	432	508	559	660	787	838	889
H		190	195	225	260	280	310	340	395	435	470	535	590	630	680	720
W		120	140	140	180	200	220	260	280	300	340	400	450	450	500	500
重量(Kg)Weight		13	14	19	23	25	32	40	55	105	139	300	440	730	1150	1570
型号Model		AXL43-900Lb														
压力等级Pressure		900Lb														
口径 Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350
	in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14
L-RF + BW		229	229	254	279	305	368	419	381	457	559	610	737	838	965	1029
H		190	195	225	260	280	310	340	395	435	470	535	590	630	680	720
W		120	140	140	180	200	220	260	280	300	340	400	450	450	500	500
重量(Kg)Weight		16	17	26	30	33	39	50	70	137	181	397	590	860	1470	1880