



WESDOM



DIN/JIS/ANSI/BS/GB Valve



DIN/JIS/ANSI/BS/GB Valve

WEISIDUN GROUP

集团总部：中国·郑州华南城中原电商大厦
分工厂：上海·天津·温州·河北·大连
驻外分公司：非洲·坦桑尼亚·肯尼亚

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www.hawsd.com

Group headquarters: Central Plains E-Commerce Building, Zhengzhou South city, China
Branch Factory: Shanghai, Tianjin, Wenzhou, Hebei, Dalian
Branch Company in Overseas: Tanzania, Kenya in Africa

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WEISIDUN GROUP

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企业简介 ❖❖❖

Brief Introduction

WeiSiDun Group. Headquartered in ZhengZhou, which is the geographical center of China, Central Plains hinterland, China's major railways, aviation, highways, electricity, post and telecommunications hub cities, International Air Logistics Center, also an international land port city!

Group consists of six companies, in addition to HeNan WeiSiDun Import and Export Trading Co., Ltd. which is specialized in the import and export of foreign trade, the other five companies all producing factories, Hebei iron valves branch, Wenzhou casting

steel valves, Tianjin butterfly valves, Dalian pipe fittings branch and Ningbo Instrument branch. Beyond that, we also have two branches abroad. One is in Tanzania, the other is in Kenya.

The major products for a variety of valves of cast iron, steel, stainless, steel, copper materials; malleable iron and stainless steel pipe fittings; ductile iron, stainless steel fittings; flanges and other products, mainly used in construction, petroleum, chemical, power, water supply and drainage, municipal, medical people's livelihood and other industries.

The company is equipped with mechanical processing center, physical and chemical center. Each production is charged by a specific department, which makes the pass rate reach 100%. High quality not only bring competitive advantage for us, but also provide economic benefit and guarantee for our customers.

2015, In order to better serve Africa, the huge potential market, our Group set up its own office in Africa, as the goal for the service and push the construction and development of Africa.

In the spirit of "Science and technology constitutes the first productive force". Our company has always made full use of high technology to improve our products, taken the needs of customers at the foremost. The company's goal is: wholeheartedly serve the customer. We sincerely welcome all the friends from home and broad to cooperate each other and create a bright future.



生产车间
Production workshop

The pursuit of excellence, continuous innovation, to build Weisidun valve brand

追求卓越，不断创新，全力打造威斯盾阀门品牌

我们深知设备对企业发展的重，多年来一直不遗余力的对软硬件设施进行更新研发。不但引进了国外各种先进设备和生产技术，同时还对专用装备进行开发，自动连续化生产线已经实现。生产体系的完善构筑，使企业在行业更专业也更全面。

We know to the enterprise development important equipment, has for years been sparing no effort to update the software and hardware facilities development. Not only the introduction of foreign advanced equipment and production technology, and also of special equipment for development, automatic continuous production line has been achieved. The improvement of the production system construction, make the enterprise line has a more professional and more comprehensive.





质量检测 Quality Inspection

Perfect quality from the product of professional technical testing

完美的品质源于对产品专业的技术检测

威斯盾对每一个产品都进行严格的检测，检测员高度负责的用心溶于每一个部件中，加上最先进的检测设备和严格的科学化管理，使每一个生产的成品经得住顾客的精心挑选。威斯盾人庄严承诺让每一个生产产品都达到出厂标准，这正是威斯盾产品得以畅销的秘诀所在。

Weisidun of rigorous testing of each product. Inspector highly responsible carefully dissolved in every part, coupled with the most advanced detection equipment and strict scientific management, so that each production of refined withstand customer carefully selected. Weisidun solemn promise to let each production products meet the standard factory, This is the secret of Weisidun products selling.





多标准对夹蝶阀
Multi-standard wafer butterfly valve



凸耳式对夹蝶阀
Lug type wafer butterfly valve



双法兰蝶阀
Double flange butterfly valve



防结露蝶阀
Anti-knot dew butterfly valve



沟槽蝶阀
Grooved butterfly valves



三偏心金属密封对夹蝶阀
Three eccentric metal seals wafer butterfly valve



三偏心金属硬密封法兰蝶阀
Three eccentric metal hard seal flange butterfly valve



对夹衬氟蝶阀
Wafer lined fluorine butterfly valve



双法兰衬氟蝶阀
Double flange lined fluorine butterfly valve



国标软密封闸阀
GB soft-seal gate valve



德标软密封闸阀F4
DIN soft-seal gate valve(F4)



德标软密封闸阀F5
DIN soft-seal gate valve(F5)



德标铸铁硬密封闸阀F4
DIN Cast iron hard seal gate valve F4



德标铸铁硬密封闸阀F5
DIN Cast iron hard seal gate valve F5



日标铸铁闸阀
JIS Cast iron gate valve



英标软密封闸阀
BS Soft sealing gate valve



美标硬密封闸阀
ANSI hard sealing gate valve



美标软密封闸阀200PSI
ANSI soft sealing gate valve 200PSI



美标软密封闸阀300PSI
ANSI soft sealing gate valve 300PSI



美标铸钢/不锈钢闸阀
ANSI Cast steel/stainless steel gate valves



德标铸钢/不锈钢闸阀F4
DIN Cast steel/stainless steel gate valve F4



德标铸钢/不锈钢闸阀F5
DIN Cast steel/stainless steel gate valve F5



日标铸钢/不锈钢闸阀10K
JIS Cast steel/stainless steel gate valve 10K



锻钢法兰闸阀
Forged steel flange gate valve



锻钢丝扣/焊接闸阀
Forged steel threaded/weld gate valve



手动凸耳/法兰式刀闸阀
Manual lug/flanged knife gate valve



气动刀闸阀
Pneumatic knife gate valve



电动刀闸阀
Electric knife gate valve



德标铸铁球阀
DIN Cast iron ball valve



日标铸铁球阀
JIS Cast iron ball valve



美标铸铁球阀
ANSI Cast iron ball valve



美标铸钢/不锈钢球阀
ANSI Cast steel/stainless steel ball valves



两片式固定球阀
2PC Trunnion mounted ball valve



三片式固定锻钢球阀
3PC Trunnion mounted forged steel ball valve



日标铸钢球阀10K
JIS Cast steel ball valve 10K



德标铸铁截止阀
DIN Cast iron globe valve



美标铸铁截止阀
ANSI Cast iron globe valve



日标铸铁截止阀10K
JIS Cast iron globe valve 10K



美标铸钢/不锈钢截止阀
ANSI Cast steel/stainless steel globe valves



德标铸钢/不锈钢截止阀
DIN Cast steel/stainless steel globe valves



日标铸钢/不锈钢截止阀
JIS Cast steel/stainless steel globe valves



锻钢法兰截止阀
Forged steel flange globe valve



锻钢丝扣/焊接截止阀
Forged thread/weld globe valve



德标铸铁旋启式止回阀
DIN Cast iron swing check valve



美标铸铁旋启式止回阀
ANSI Cast iron swing check valve



英标铸铁旋启式止回阀
BS Cast iron swing check valve



日标铸铁旋启式止回阀10K
JIS Cast iron swing check valve 10K



球形止回阀
Ball check valve



橡胶截止阀
Rubber disc check valve



对夹止回阀
Wafer type check valve



美标铸钢/不锈钢旋启式止回阀
ANSI Cast steel / stainless steel swing check valve



日标铸钢/不锈钢旋启式止回阀
JIS Cast steel / stainless steel swing check valve



锻钢法兰旋启式止回阀
Forged steel flange swing check valve



锻钢丝扣/焊接旋启式止回阀
Forged steel thread/welded swing check valve



底阀
Foot Valve



底阀
Foot Valve



1片式丝扣球阀
1PC Threaded ball valve



2片式丝扣球阀
2PC Threaded ball valve



3片式丝扣球阀
3PC Threaded ball valve



丝扣闸阀
Threaded gate valve



丝扣截止阀
Thread globe valve



丝扣止回阀
Thread check valve



丝扣过滤器
Thread strainer



德标铸铁过滤器
DIN Cast iron strainer



美标铸铁过滤器
ANSI Cast iron strainer



日标铸铁过滤器
JIS Cast iron strainer



美标铸钢/不锈钢过滤器
ANSI Cast steel/stainless steel strainer



日标铸钢/不锈钢过滤器
JIS Cast steel/stainless steel strainer



单口法兰/丝扣排气阀
Single flange/thread bleed valve



双球排气阀, 复合式排气阀
Double ball air valve, combined air vent valve



100X遥控浮球阀
100X Remote control float valve



电动遥控浮球阀
Electric remote float valve



200X减压阀
200X pressure reducing valve



300X慢闭逆止阀
300X slow closing reverse valve



400X流量控制阀
400X Flow control valve



500X泄压/稳压阀
500X Pressure relief/pressure valve



600X水力电动控制阀
600X hydraulic electric control valve



700X水泵控制阀
700X pump control valve



800X压差旁通平衡阀
800X Pressure differential bypass balancing valve



900X紧急关闭阀
900X emergency shut-in valve

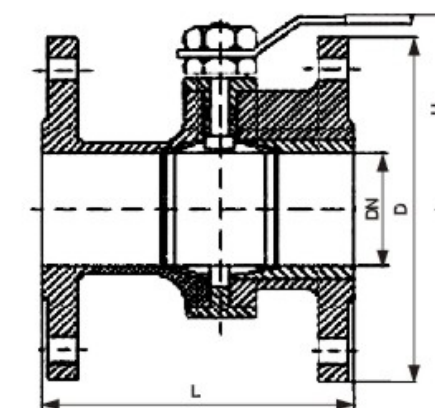


745X活塞式多功能水泵控制阀
745X piston type multi-function pump control valve

Ball valve series

球阀系列

www.wsdvalve.com
www.hawsd.com



主要零件及材料 Main parts and materials

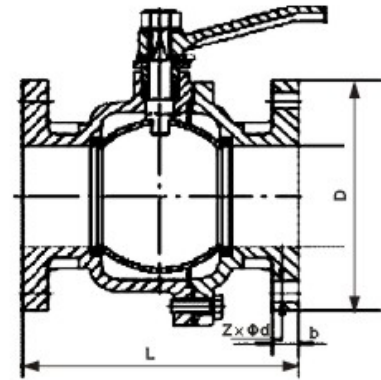
零件名称 Part name	材料 Material
阀体 Body	铸铁 Cast iron
球 Ball	304
阀杆 Stem	416
阀座 Seat	PTFE

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	BS 5159
结构长度 Face to Face	DIN 3202
试验标准 Pressure test	API 598
连接法兰 Flange Drilling	DIN 2501/DIN 2533

主要外形及连接尺寸 Main external and connecting dimensions(mm)

DN	L	D	D1	PCD	n-d
25	125	115	68	85	4-14
32	130	140	78	100	4-18
40	140	150	88	110	4-18
50	150	165	102	125	4-18
65	170	185	122	145	4-18
80	180	200	138	160	8-18
100	190	220	158	180	8-18
125	325	250	188	210	8-18
150	350	285	212	240	8-23
200	400	340	268	295	12-23
250	450	405	320	355	12-27



主要零件及材料 Main parts and materials

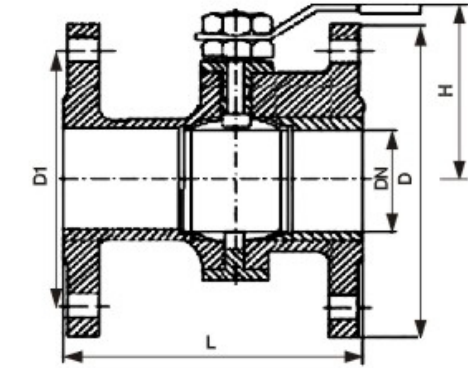
零件名称 Part name	材料 Material
阀体 Body	铸铁 Cast iron
球 Ball	304
阀杆 Stem	416
阀座 Seat	PTFE

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	BS5159
结构长度 Face to Face	KS B2306
试验标准 Pressure test	KS B2304
连接法兰 Flange Drilling	KS B1511 JIS B2239

主要外形及连接尺寸 Main external and connecting dimensions(mm)

Size	L	D	b	z-d
40	165	140	19	4-19
50	180	155	20	4-19
65	190	175	20	4-19
80	200	185	21	8-19
100	230	210	22	8-19
125	265	250	22	8-23
150	277	280	23	8-23
200	340	330	26	12-23



主要零件及材料 Main parts and materials

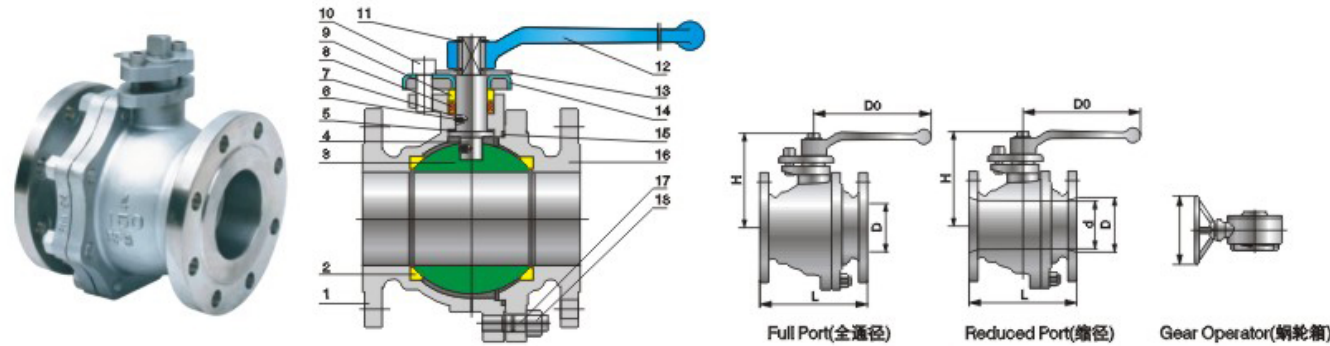
零件名称 Part name	材料 Material
阀体 Body	铸铁 Cast iron
球 Ball	304
阀杆 Stem	不锈钢 Stainless Steel 416 304
阀座 Seat	PTFE

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	MSS SP-72
结构长度 Face to Face	ANSI B16.10
试验标准 Pressure test	API598
连接法兰 Flange Drilling	ANSI B16.1

主要外形及连接尺寸 Main external and connecting dimensions(mm)

Size	L	H	D	D1
50	178	144	152	120.65
65	190	163	178	139.7
80	203	187	190	152.5
100	229	205	229	190.5
125	254		254	219.5
150	267		279	241.3
200	292		343	298.45
250	330		406	361.95



主要零件材质 Material List

序号No.	部件 Parts	材质 Material
1	阀体 Body	ASTM A216 Gr.WCB
2	阀座密封圈 Seat Seal	PTFE
3	球体 Ball	304S.S.
4	阀杆 Stem	ASTM A182 F6a
5	垫片 Gasket	PTFE
8	填料 Packing	PTFE
12	手柄 Lever	ASTM A216 Gr.WCB
16	阀盖 Bonnet	ASTM A216 Gr.WCB
17	螺栓 Stud	ASTM A193 Gr.B7

备注: 阀体材质有ASTM A216 WCB、A352 LCB、A217 WC1 WC6、WC9、C5、A351 CF8 CF8M、CF3、CF3M 本表仅以ASTM A216 WCB为例。

结构尺寸 Dimensions

Class 150

Type	NPS(In)	1/2	3/4	1	1 1/2	2	3	4	6	8
全通径 Full bore	D(mm)	13	19	25	38	51	64	76	102	203
	L(mm)	108	117	127	165	178	203	229	394	457
	H(mm)	61	66	76	95	142	156	181	270	345
	Do(mm)	130	130	160	230	400	400	700	300*	300*
缩径 Reduced bore	NPS(In)	3/4*1/2	1*3/4	1 1/2*1	2*1 1/2	3*2	4*3	6*4	8*6	10*8
	L(mm)	117	127	165	178	203	229	267	292	330
	D(mm)	19	25	38	63	76	102	152	203	254
	H(mm)	82	85	100	120	153	162	119	290	340
	Do(mm)	130	130	160	230	400	400	460	300*	300*
	d(mm)	13	19	25	51	63	76	105	152	203

Class 300

Type	NPS(In)	1/2	3/4	1	1 1/2	2	3	4	6	8
全通径 Full bore	D(mm)	13	19	25	38	51	64	76	102	203
	L(mm)	140	152	165	190	216	282	305	403	419
	H(mm)	62	68	80	100	148	162	188	283	360
	Do(mm)	150	150	180	250	400	400	700	300*	400*
缩径 Reduced bore	NPS(In)	3/4*1/2	1*3/4	1 1/2*1	2*1 1/2	3*2	4*3	6*4	8*6	
	L(mm)	152	165	190	216	282	305	403	419	
	D(mm)	19	25	38	63	76	102	152	203	
	H(mm)	82	85	100	120	153	162	191	290	
	Do(mm)	130	130	160	230	400	400	460	300*	
	d(mm)	13	19	25	50	63	76	102	152	

主要零件材质 Material List

序号No.	部件 Parts	材质 Material
1	阀体 Body	ASTM A105
2	垫片 Gasket	PTFE
3	阀座 Seat	R-PTFE
4	球体 Ball	304 S.S.
5	钢球 Steel Ball	304 S.S.
6	防静电弹簧 Anti-static Spring	304 S.S.
7	阀杆 Stem	ASTM A182 F6a
8	垫片 Gasket	PTFE
9	填料 Packing	PTFE
10	锁紧圆盘 Plate	AISI 1045
11	螺母 Nut	ASTM A193 Gr.B7
12	螺母 Nut	ASTM A194 Gr.2H
13	手柄 Lever	ASTM A216 Gr.WCB
14	限位块 Gauge Block	AISI 1010 Zinc-coated
15	止推垫片 Bushing Gasket	AISI 1045
16	螺母 Nut	ASTM A194 Gr-2H
17	弹垫 Gland	304 S.S.
18	填料压套 Gland Bushing	ASTM A276 410
19	阀盖 Bonnet	ASTM A105
20	螺母 Nut	ASTM A194 Gr.2H
21	螺栓 Stud	ASTM A193 Gr.B7

备注: 阀体材质有ASTM A105、F304L、F316L
本表仅以ASTM A216 WCB为例。

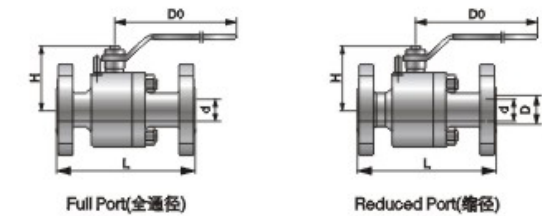
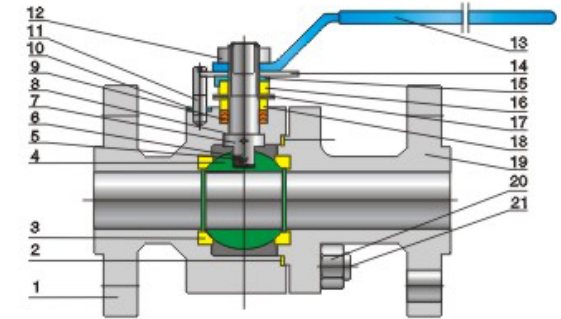
结构尺寸 Dimensions

Class 600

Type	NPS(In)	1/2	3/4	1	1 1/2	2	3
全通径 Full bore	L(mm)	165	190	216	241	292	356
	D(mm)	13	19	25	38	51	76
	H(mm)	98	103	122	135	151	177
	Do(mm)	140	140	170	280	300	450
缩径 Reduced bore	NPS(In)	3/4*1/2	1*3/4	1 1/2*1	2*1 1/2	3*2	
	L(mm)	190	216	241	292	356	
	D(mm)	19	25	38	51	76	
	H(mm)	98	103	122	135	151	
	Do(mm)	140	140	170	280	300	
	d(mm)	13	19	25	38	51	

Class 900

Type	NPS(In)	1/2	3/4	1	1 1/2	2	3
全通径 Full bore	L(mm)	216	229	216	305	368	381
	D(mm)	13	19	25	38	51	76
	H(mm)	115	122	125	157	178	208
	Do(mm)	180	230	230	400	400	500
缩径 Reduced bore	NPS(In)	3/4*1/2	1*3/4	1 1/2*1	2*1 1/2	3*2	
	L(mm)	229	254	305	368	381	
	D(mm)	19	25	38	51	76	
	H(mm)	115	122	125	157	178	
	Do(mm)	180	230	230	400	400	
	d(mm)	13	19	25	38	51	



结构特点

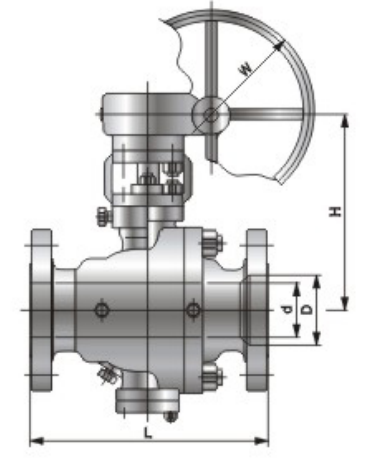
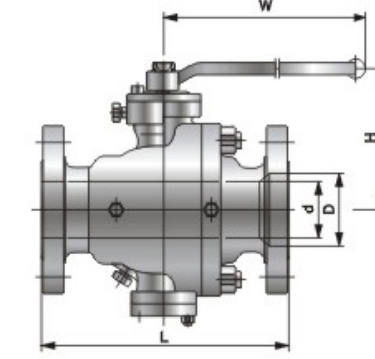
两片式阀体
按API要求设计
防静电, 防吹出阀杆设计
阀座紧密接触
设计为最小摩擦以降低操作扭矩
双阻塞及泄放结构, 利于阀体腔液体的排放
可设计成全通径或缩径
防火实验符合BS EN 12266-2, API 607和API 6FA
根据客户要求, 可配电动, 气动或液动执行机构

Features Two-piece body.

Valve is designed in accordance with the requirements of API 6D for pipeline service.
Antistatic and anti blow-out stem design.
Seat design gives perfect tightness and is available as either self-relieving type or double piston effect type.
Design minimizes friction leading to low operating torque.
Available as double block and bleed device, which allows for venting and draining of line fluid from the body cavity.
Full and Reduced bore Available.
Ball valves fire safe tested according to BS EN 12266-2, API 6FA and API 607
Electric, pneumatic and hydraulic actuators are available based on customer's requirement.

主要零件材质 Material Specifications

序号 No.	部件名称 Parts	标准 Standard	不锈钢 Stainless steel	酸性介质 Sour Service	低温介质 Low Temperature Service
1	阀体 Body	ASTM A216 WCB	ASTM A351 CF8M	ASTM A216 WCB	ASTM A352 LCB
2	阀体螺栓 Body Stud	ASTM A193 B7	ASTM A193 B8	ASTM A193 B7M	ASTM A320 L7M
3	阀体螺母 Body Nut	ASTM A194 2H	ASTM A194 8	ASTM A194 2HM	ASTM A194 7M
4	垫片 Body Gasket	316ss+Graphite	316ss+Graphite	316ss+Graphite	316ss+Graphite
5	阀盖 Low Cover	Carbon Steel	S.S.	Carbon Steel	Carbon Steel
6	固定支撑 Trunnion Support	ASTM A216 WCB/ENP	ASTM A216 WCB/ENP	ASTM A216 WCB/ENP	ASTM A216 WCB/ENP
7	垫片 Thrust Washer	316+PTFE+MoS2	316+PTFE+MoS2	316+PTFE+MoS2	316+PTFE+MoS2
8	螺栓 Stud	ASTM A193 B7	ASTM A193 B8	ASTM A193 B7M	ASTM A320 L7M
9	螺母 Nut	ASTM A194 2H	ASTM A194 8	ASTM A194 2HM	ASTM A194 7M
10	O型圈 O-Ring	NBR	NBR	NBR	NBR
11	轴承 Bearing	316+PTFE+MoS2	316+PTFE+MoS2	316+PTFE+MoS2	316+PTFE+MoS2
12	排污塞 Drain Plug	Assembly	Assembly	Assembly	Assembly
13	阀座插件 Seat Insert	25% Glass-filled PTFE	25% Glass-filled PTFE	25% Glass-filled PTFE	25% Glass-filled PTFE
14	O型圈 O-Ring	NBR	NBR	NBR	NBR
15	阀座弹簧 Seat Spring	ASTM A105/ENP	ASTM A182 F316	ASTM A105/ENP	ASTM A350 LF2/ENP
16	阀座弹簧 seat Spring	Inconel X-750	Inconel X-750	Inconel X-750	Inconel X-750
17	球体 Ball	ASTM A105/ENP	ASTM A182 F316	ASTM A105/ENP	ASTM A350 LF2/ENP
18	阀杆 Stem	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316
19	注脂装置 Seat Injection	Assembly	Assembly	Assembly	Assembly
20	注脂装置 Sealant Fitting	Assembly	Assembly	Assembly	Assembly
21	O型圈 O-Ring	NBR	NBR	NBR	NBR
22	O型圈 O-Ring	NBR	NBR	NBR	NBR
23	注脂装置 Sealant Fitting	Assembly	Assembly	Assembly	Assembly
24	垫片 Gasket	316ss+Graphite	316ss+Graphite	316ss+Graphite	316ss+Graphite
25	垫片 Packing	Graphite	Graphite	Graphite	Graphite
26	螺栓 Stud	ASTM A193 B7	ASTM A193 B8	ASTM A193 B7M	ASTM A320 L7M
27	螺母 Nut	ASTM A194 2H	ASTM A194 8	ASTM A194 2HM	ASTM A194 7M
28	填料 Gland	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316
29	填料压盖 Gland Flange	ASTM A216 WCB	ASTM A351 CF8M	ASTM A216 WCB	ASTM A352 LCB
30	螺栓 stud	ASTM A193 B7	ASTM A193 B8	ASTM A193 B7M	ASTM A320 L7M
31	螺母 Nut	ASTM A194 2H	ASTM A194 8	ASTM A194 2HM	ASTM A194 7M
32	螺栓 Stud	ASTM A193 B7	ASTM A193 B8	ASTM A193 B7M	ASTM A320 L7M
33	螺母 Nut	ASTM A194 2H	ASTM A194 8	ASTM A194 2HM	ASTM A194 7M
34	蜗轮 Worm	Assembly	Assembly	Assembly	Assembly
35	定位销 Key	Carbon Steel	S.S.	Carbon Steel	ASTM A182 F304
36	支架 Yoke	ASTM A216 WCB	ASTM A351 CF8M	ASTM A216 WCB	ASTM A352 LCB
37	螺栓 Bolt	Carbon Steel	S.S.	Carbon Steel	Carbon Steel
38	轴承 Bearing	316+PTFE+MoS2	316+PTFE+MoS2	316+PTFE+MoS2	316+PTFE+MoS2



全通径 Full Port (Class 150)

尺寸 Size (in.)	D (mm)	L (mm)	H (mm)	W (mm)
2	51	178	165	230
3	76	203	193	400
4	102	229	231	460
6	152	394	390	1000
8	203	457	495	*500
10	254	533	505	*500
12	305	610	560	*500
14	337	686	600	*500
16	387	762	750	*500
18	438	864	845	*500
20	489	914	910	*500
22	540		1000	*500
24	591	1067	1065	*500

缩径 Reduced Port (Class 150)

尺寸 Size (in.)	d (mm)	D (mm)	L (mm)	H (mm)	W (mm)
3 × 2 × 3	51	76	203	165	230
4 × 3 × 4	76	102	229	193	400
6 × 4 × 6	102	152	394	231	460
8 × 6 × 8	152	203	457	390	460
10 × 8 × 10	203	254	533	495	1000
12 × 10 × 12	254	305	610	505	*500
14 × 12 × 14	305	337	686	560	*500
16 × 14 × 16	337	387	762	600	*500
18 × 16 × 18	387	438	864	750	*500
20 × 18 × 20	438	489	914	845	*500
22 × 20 × 22	489	540	1016	910	*500
24 × 22 × 24	540	591	1067	1000	*500

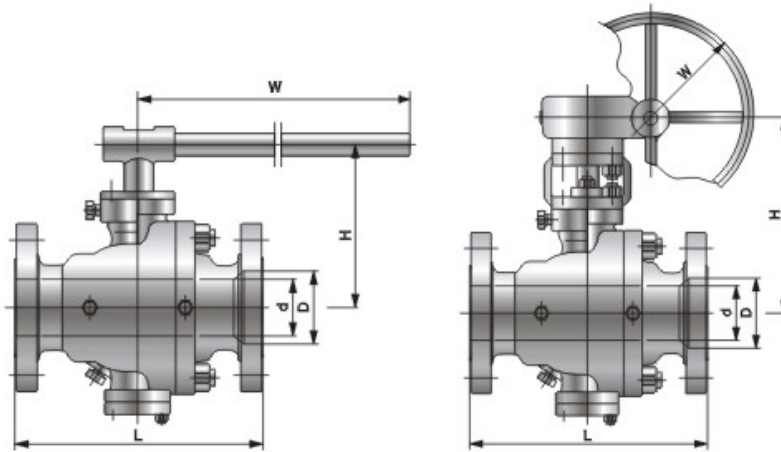
全通径 Full Port (Class 300)

尺寸 Size (in.)	D (mm)	L (mm)	H (mm)	W (mm)
2	51	216	165	230
3	76	283	193	400
4	102	305	231	750
6	152	403	390	1000
8	203	502	495	1500
10	254	568	505	*500
12	305	648	560	*500
14	337	762	600	*500
16	387	838	750	*500
18	438	914	845	*500
20	489	991	910	*500
22	540	1092	1000	*500
24	591	1143	1065	*500

缩径 Reduced Port (Class 300)

尺寸 Size (in.)	d (mm)	D (mm)	L (mm)	H (mm)	W (mm)
3 × 2 × 3	51	76	283	165	230
4 × 3 × 4	76	102	305	193	400
6 × 4 × 6	102	152	403	231	750
8 × 6 × 8	152	203	502	390	1000
10 × 8 × 10	203	254	568	495	1500
12 × 10 × 12	254	305	648	505	*500
14 × 12 × 14	305	337	762	560	*500
16 × 14 × 16	337	387	838	600	*500
18 × 16 × 18	387	438	914	750	*500
20 × 18 × 20	438	489	991	845	*500
22 × 20 × 22	489	540	1092	910	*500
24 × 22 × 24	540	591	1143	1000	*500

两片式固定球阀 2PC Trunnion mounted ball valve



全通径 Full Port (Class 150)

尺寸Size(In.)	D(mm)	L(mm)	H(mm)	W(mm)
2	51	292	176	400
3	76	356	247	750
4	102	432	335	1000
6	152	559	420	1500
8	203	680	430	*500
10	254	787	520	*500
12	305	838	665	*500
14	337	889	720	*500
16	387	991	780	*500
18	438	1092	950	*500
20	489	1194	1010	*500
24	591	1397	1120	*500

缩径 Reduced Port (Class 150)

尺寸Size(In.)	d(mm)	D(mm)	L(mm)	H(mm)	W(mm)
3×2×3	51	76	356	176	400
4×3×4	76	102	432	247	750
6×4×6	102	152	559	335	1000
8×6×8	152	203	680	420	1500
10×8×10	203	254	787	430	*500
12×10×12	254	305	838	520	*500
14×12×14	305	337	889	665	*500
16×14×16	337	387	991	720	*500
18×16×18	387	438	1092	780	*500
20×18×20	438	489	1194	950	*500
24×22×24	489	591	1397	1010	*500

全通径 Full Port (Class 300)

尺寸Size(In.)	D(mm)	L(mm)	H(mm)	W(mm)
2	51	368	192	460
3	76	381	279	1000
4	102	457	355	1500
6	152	610	385	*500
8	203	737	460	*500
10	254	838	600	*500
12	305	965	690	*500
14	324	1029	785	*500
16	375	1130	850	*500
18	426	1219	915	*500
20	473	1321	975	*610
24	572	1549	1030	*610

缩径 Reduced Port (Class 300)

尺寸Size(In.)	d(mm)	D(mm)	L(mm)	H(mm)	W(mm)
3×2×3	51	76	381	192	460
4×3×4	76	102	457	279	1000
6×4×6	102	152	610	355	1500
8×6×8	152	203	737	385	*500
10×8×10	203	254	838	460	*500
12×10×12	254	305	965	600	*500
14×12×14	305	324	1029	690	*500
16×14×16	324	375	1130	785	*500
18×16×18	375	426	1219	850	*500
20×18×20	426	473	1321	915	*500
24×22×24	473	572	1549	975	*610

三片式固定锻钢球阀 3PC Trunnion mounted forged steel ball valve

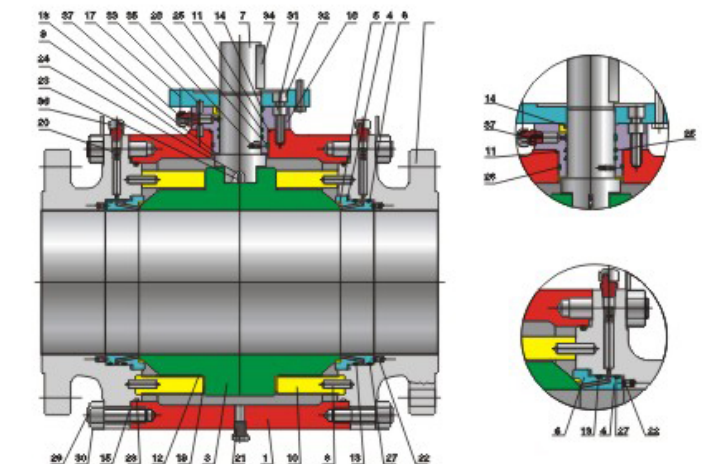
结构特点

三片式阀体
按API要求设计
防静电，防吹出阀杆设计
阀座紧密接触
设计为最小摩擦以降低操作扭矩
双阻塞及泄放结构，利于阀体腔液体的排放
可设计成全通径或缩径
防火实验符合BS EN 12266-2, API 607和API 6FA
根据客户要求，可配电动，气动或液动执行机构

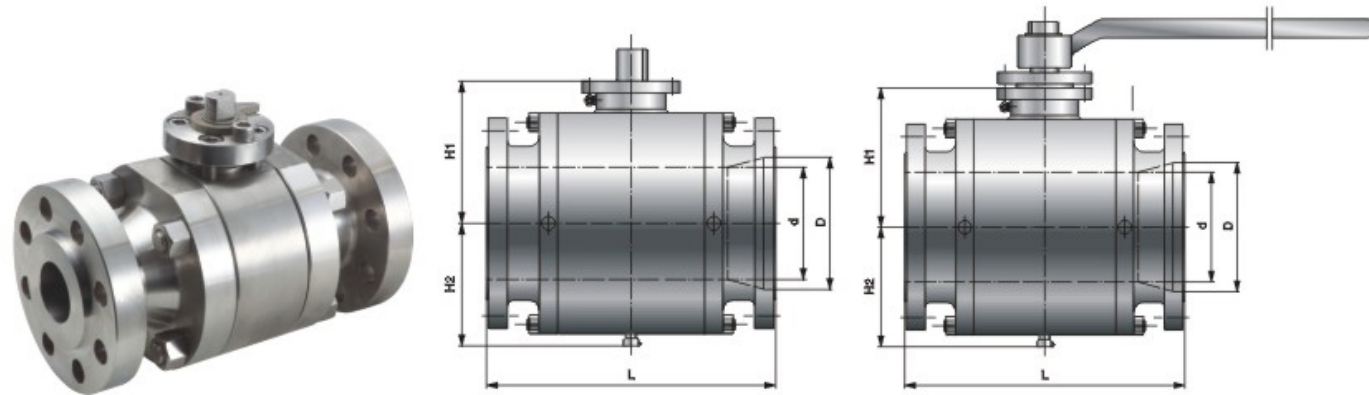
Features Three-piece body.

Valve is designed in accordance with the requirements of API 6D for pipeline service.
Antistatic and anti blow-out stem design.
Seat design gives perfect tightness and is available as either self-relieving type or double piston effect type.
Design minimizes friction leading to low operating torque.
Available as double block and bleed device, which allows for venting and draining of line fluid from the body cavity.
Full and Reduced bore Available.
Ball valves fire safe tested according to BS EN 12266-2, API 6FA and API 607
Electric, pneumatic and hydraulic actuators are available based on customer's requirement.

主要零件材质 Material Specifications



序号 No.	部件 Parts	标准 Standard	不锈钢 Stainless steel	酸性介质 Sour Service	低温介质 Low Temperature Service
1	阀体 Body	ASTM A105	ASTM A182 F316	ASTM A105	ASTM A350 LF2
2	填料 Closure	ASTM A105	ASTM A182 F316	ASTM A105	ASTM A350 LF2
3	球体 Ball	ASTM A105/ENP	ASTM A182 F316	ASTM A105/ENP	A350 LF2/ENP
4	阀座组合件 Seat Assembly	Assembled	Assembled	Assembled	Assembled
5	阀座插件 Seat Insert	25% Glass-filled PTFE	25% Glass-filled PTFE	25% Glass-filled PTFE	25% Glass-filled PTFE
6	阀圈 Seat Ring	ASTM A105/ENP	ASTM A182 F316	ASTM A105/ENP	A350 LF2/ENP
7	阀杆 Stem	ASTM A182 F6a	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316
8	销 Trunnion Alignment Pin	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316
9	垫片 Shim	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316
10	固定支撑 Trunnion Support	ASTM A105/ENP	ASTM A182 F316	ASTM A105/ENP	A350 LF2/ENP
11	垫片 Gasket	316 S.S.+G graphite	316 S.S.+Graphite	316 S.S.+Graphite	316 S.S.+Graphite
12	垫片 Gasket	316 S.S.+Graphite	316 S.S.+Graphite	316 S.S.+Graphite	316 S.S.+Graphite
13	垫片 Gasket	316 S.S.+G graphite	316 S.S.+Graphite	316 S.S.+Graphite	316 S.S.+Graphite
14	垫片 Spacer	PTFE	PTFE	PTFE	PTFE
15	防火垫片 Firesafe Gasket	316 S.S.+G graphite	316 S.S.+Graphite	316 S.S.+Graphite	316 S.S.+Graphite
16	填料压盖 Gland Cap	ASTM A105	ASTM A182 F316	ASTM A105	ASTM A350 LF2
17	上法兰 Top Flange	ASTM A105	ASTM A182 F316	ASTM A105	ASTM A350 LF2
18	垫片 Thrust Washer	316 S.S.+PTFE+MoS2	316 S.S.+PTFE+MoS2	316 S.S.+PTFE+MoS2	316 S.S.+PTFE+MoS2
19	轴承 Bearing	316 S.S.+PTFE+MoS2	316 S.S.+PTFE+MoS2	316 S.S.+PTFE+MoS2	316 S.S.+PTFE+MoS2
20	排气阀 Vent Valve	Assembly	Assembly	Assembly	Assembly
21	排水管 Drain	S.S.	S.S.	S.S.	S.S.
22	阀座弹簧 Seat Spring	Inconel X-750	Inconel X-750	Inconel X-750	Inconel X-750
23	弹簧 Grounding Spring	S.S.	S.S.	S.S.	S.S.
24	柱塞 Grounding Plunger	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316	ASTM A182 F316
25	O型圈 O-Ring	Viton	Viton	Viton	Viton
26	O型圈 O-Ring	Viton	Viton	Viton	Viton
27	O型圈 O-Ring	Viton	Viton	Viton	Viton
28	O型圈 O-Ring	Viton	Viton	Viton	Viton
29	阀体螺栓 Body Stud	ASTM A193 B7	ASTM A193 B8	ASTM A193 B7M	ASTM A320 L7M
30	阀体螺母 Body Nut	ASTM A194 2H	ASTM A194 8	ASTM A194 2HM	ASTM A194 7M
31	螺钉 Screw	C.S.	S.S.	C.S.	ASTM A320 L7M
32	螺钉 Screw	C.S.	S.S.	C.S.	ASTM A320 L7M
33	销 Gland Pin	C.S.	S.S.	C.S.	Carbon Steel
34	键 Key	C.S.	S.S.	C.S.	ASTM A182 F304
35	弹簧销 pring Pin	C.S.	S.S.	C.S.	C.S.
36	注脂装置 Seat Injection	Assembly	Assembly	Assembly	Assembly
37	注脂装置 Stem Injection	Assembly	Assembly	Assembly	Assembly



全通径 Full Port (Class 150)

尺寸Size(In.)	D(mm)	L(mm)	H1(mm)	H2(mm)
2	51	173	105	100
3	76	203	160	130
4	102	229	205	170
6	152	394	245	190
8	203	457	280	230
10	254	533	328	280
12	305	610	350	300
14	337	686	380	330
16	387	762	415	350
18	438	864	440	400
20	489	914	500	440
22	540	991	520	470
24	591	1067	585	530
26	635	1143	630	570
28	686	1244	645	650
30	736	1295	700	700
32	781	1371	740	750
34	832	1473	770	780
36	876	1524	820	800
40	978	1753	900	900
42	1022	1855	960	950
48	1168	2134	1100	1100

缩径 Reduced Port (Class 150)

尺寸Size(In.)	d(mm)	D(mm)	L(mm)	H1(mm)	H2(mm)
3×2×3	51	76	203	105	100
4×3×4	76	102	229	160	130
6×4×6	102	152	394	205	170
8×6×8	152	203	457	245	190
10×8×10	203	254	533	280	230
12×10×12	254	305	610	328	280
14×10×14	254	337	686	320	280
14×12×14	305	337	686	350	300
16×12×16	305	387	762	350	300
16×14×16	337	387	762	380	330
18×16×18	387	438	864	415	350
20×16×20	387	489	914	415	350
22×18×22	438	489	914	440	400
24×20×24	489	591	1067	500	440
30×24×30	635	736	1296	585	530
36×30×36	781	876	1524	700	700

注:
1. 结构尺寸: API 6D
2. 规格2"-24" 法兰标准按ASME B 16.5
3. 规格>24" 法兰标准按ASME B 16.47A

Notes:
1. Face-to-Face dimensions are according to API 6D
2. For 2"-24" flanges are according to ASME B 16.5
3. For >24" flanges are according to ASME B 16.47A

全通径 Full Port (Class 300)

尺寸Size(In.)	D(mm)	L(mm)	H1(mm)	H2(mm)
2	51	216	105	100
3	76	282	160	130
4	102	305	205	170
6	152	403	245	190
8	203	502	280	230
10	254	568	328	280
12	305	648	350	300
14	337	762	380	330
16	387	838	415	350
18	438	914	440	400
20	489	991	500	440
22	540	1092	520	470
24	591	1143	585	530
26	635	1245	630	570
28	686	1346	645	650
30	736	1397	700	700
32	781	1524	740	750
34	832	1626	770	780
36	876	1727	820	800
40	978	1956	900	900
42	1022	2083	960	950
48	1168	2170	1100	1100

缩径 Reduced Port (Class 300)

尺寸Size(In.)	d(mm)	D(mm)	L(mm)	H1(mm)	H2(mm)
3×2×3	51	76	283	105	100
4×3×4	76	102	305	160	130
6×4×6	102	152	403	205	170
8×6×8	152	203	502	245	190
10×8×10	203	254	568	280	230
12×10×12	254	305	648	328	280
14×10×14	254	337	762	320	280
14×12×14	305	337	762	350	300
16×12×16	305	387	838	350	300
16×14×16	337	387	838	380	330
18×16×18	387	438	914	415	350
20×16×20	387	489	991	415	350
22×18×22	438	489	991	440	400
24×20×24	489	591	1143	500	440
30×24×30	591	736	1397	585	530
36×30×36	736	876	1727	700	700

注:
1. 结构尺寸: API 6D
2. 规格2"-24" 法兰标准按ASME B 16.5
3. 规格>24" 法兰标准按ASME B 16.47A

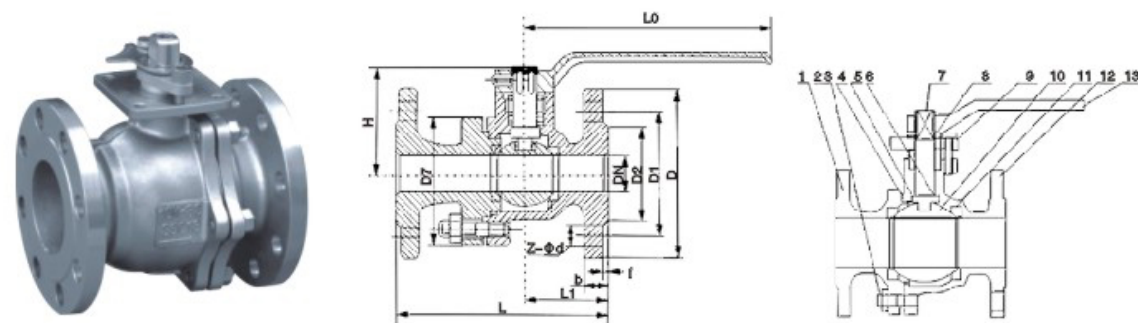
全通径 Full Port (Class 600)

尺寸Size(In.)	D(mm)	L(mm)	H1(mm)	H2(mm)
2	51	292	105	100
3	76	356	160	130
4	102	432	205	170
6	152	559	245	190
8	203	660	280	230
10	254	787	328	280
12	305	838	350	300
14	337	889	380	330
16	387	991	415	350
18	438	1092	440	400
20	489	1194	500	440
22	540	1296	520	470
24	591	1397	585	530
26	635	1448	630	570
28	686	1549	645	650
30	736	1651	700	700
32	781	1778	740	750
34	832	1930	770	780
36	876	2083	820	800
40	978	2337	900	900
42	1022	2437	960	950
48	1168	2540	1100	1100

缩径 Reduced Port (Class 600)

尺寸Size(In.)	d(mm)	D(mm)	L(mm)	H1(mm)	H2(mm)
3×2×3	51	76	356	105	100
4×3×4	76	102	432	160	130
6×4×6	102	152	559	205	170
8×6×8	152	203	660	245	190
10×8×10	203	254	787	280	230
12×10×12	254	305	838	328	280
14×10×14	254	337	889	320	280
14×12×14	305	337	889	350	300
16×12×16	305	387	991	350	300
16×14×16	337	387	991	380	330
18×16×18	387	438	1092	415	350
20×16×20	387	489	1194	415	350
22×18×22	438	489	1194	440	400
24×20×24	489	591	1397	500	440
30×24×30	591	736	1651	585	530
36×30×36	736	876	2083	700	700

Notes:
1. Face-to-Face dimensions are according to API 6D
2. For 2"-24" flanges are according to ASME B 16.5
3. For >24" flanges are according to ASME B 16.47A



主要零件材料 Main part material

No.	零件名称 Accessory name	材料 Material
1	阀体 Body	A216 WCB
7	阀杆 Stem	A182-F304
9	压盖 Gland Bush	A216-WCB
10	球体 Ball	A182-F304
11	阀座 Seat	PTFE
12	阀盖 Cover	A216 WCB
13	手柄 Lever	WCB

技术规范 Technical specification

设计标准 Valve design	JIS B2071
结构长度 Face to Face	JIS B2002
试验标准 Pressure test	JIS B2003
连接法兰 Flange Drilling	JIS B1212 B2214

主要外形及连接尺寸 Main external and connecting dimensions(mm)

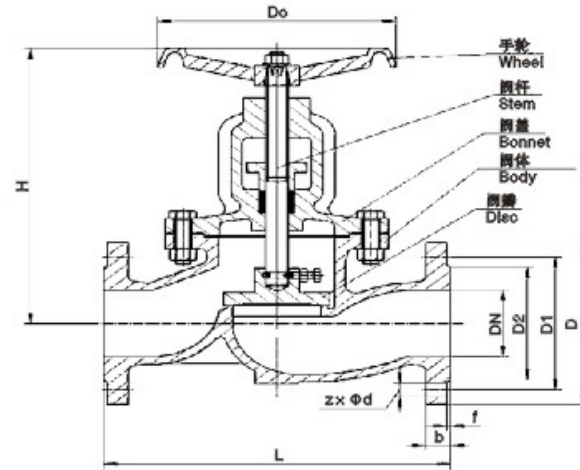
Pressure	DN	L	D	D1	D2	b	f	H	L0	Z-φd
10K	15	108	95	70	52	12	1	55	115	4-15
	20	117	100	75	58	14	1	59	115	4-15
	25	127	125	90	70	14	1	70	150	4-19
	32	140	135	100	80	16	2	97	150	4-19
	40	165	140	105	85	16	2	97	200	4-19
	50	178	155	120	100	16	2	106	200	4-19
	65	190	175	140	120	18	2	141	320	4-19
	80	203	185	150	130	18	2	150	320	8-19
	100	229	210	175	155	18	2	183	450	8-19
	125	254	250	210	185	20	2	230	800	8-23
20K	150	267	280	240	215	22	2	250	800	8-23
	200	292	330	290	265	22	2	356	940	12-23
	250	330	400	355	325	24	2	453	940	12-25
	15	140	95	70	52	14	1	55	115	4-15
	20	152	100	75	58	16	1	59	115	4-15
	25	165	125	90	70	16	1	70	150	4-19
	32	178	135	100	80	18	2	97	150	4-19
	40	190	140	105	85	18	2	97	200	4-19
	50	216	155	120	100	18	2	106	200	8-19
	65	241	175	140	120	20	2	141	320	8-19
	80	283	200	160	135	22	2	150	320	8-23
	100	305	225	185	160	24	2	183	450	8-23
	125	381	270	225	195	26	2	230	800	8-25
	150	403	305	260	230	28	2	250	800	12-25
	200	419	350	305	275	30	2	356	940	12-25
	250	457	430	380	345	34	2	453	940	12-27

Globe valve series

www.wsdvalve.com
www.hawsd.com

截止阀系列





主要零件及材料 Main parts and materials

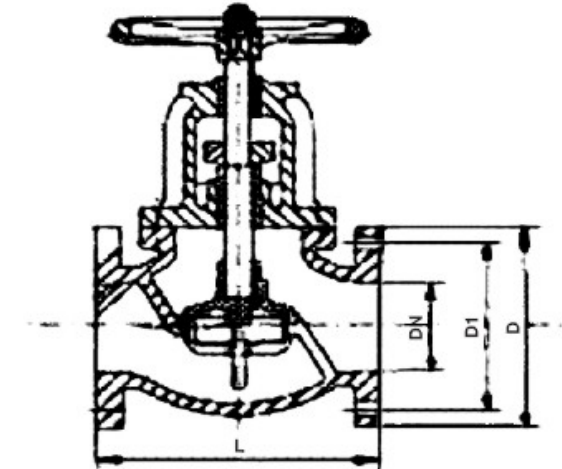
零件名称 Part name	材料 Material
阀体 Body	铸铁GG25
阀瓣 Disc	灰铁GG25+2CR13, 铸钢A05+2CR13
阀杆 Stem	不锈钢Stainless Steel
阀座 Seat	不锈钢Stainless Steel, 青铜bronze, 黄铜brass

设计标准 Valve design

技术规范 Technical specification	
结构长度 Face to Face	DIN3202-F1
连接法兰 Flange Drilling	DIN2532/DIN2533
压力 Pressure	PN10/PN16

主要外形及连接尺寸 Main external and connecting dimensions(mm)

Type	DN	Measurement (mm)							
		L	D	D1	D2	b-f	Z-Φd	H	Do
J41T/W/H/F/X-16	15	130	95	65	45	14-2	4-Φ14	(113)200	80
	20	150	105	75	55	16-2	4-Φ14	(113)200	80
	25	160	115	85	65	16-2	4-Φ14	(125)220	80
	32	180	135	100	78	18-2	4-Φ18	(145)245	100
	40	200	145	110	85	18-3	4-Φ18	(180)260	130
	50	230	160	125	100	20-3	4-Φ18	(200)285	130
	65	290	180	145	120	20-3	4-Φ18	(205)300	150
	80	310	195	160	135	22-3	8-Φ18	350	240
	100	350	215	180	155	24-3	8-Φ18	385	240
	125	400	245	210	185	26-3	8-Φ18	430	300
	150	480	280	240	210	28-3	8-Φ23	450	300
	200	600	335	295	265	30-3	12-Φ23	510	360
	250	650	405	355	320	32-3	12-Φ25	620	420
	300	698	460	410	375	34-3	12-Φ25	890	600



主要零件及材料 Main parts and materials

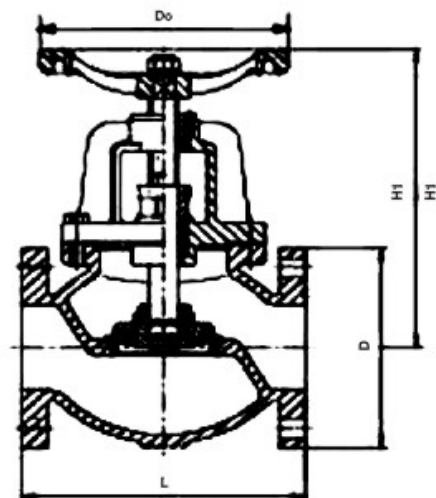
零件名称 Part name	材料 Material
阀体 Body	铸铁Cast iron ASTM A126 CLB
阀盖 Bonnet	铸铁Cast iron ASTM A126 CLB
阀板 Disc	铸铁+青铜/黄铜/不锈钢 Cast iron+Bronze B62/Brass B16/Stainless Steel
阀杆 Stem	黄铜/不锈钢 Brass B16/Stainless Steel
阀座 Seat	青铜/黄铜/不锈钢 Bronze B62/Brass B16/Stainless Steel

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	MSS SP-70
结构长度 Face to Face	ANSI B16.10
试验标准 Pressure test	API598
连接法兰 Flange Drilling	ANSI B16.1
压力 Pressure	125LB、250LB

主要外形及连接尺寸 Main external and connecting dimensions(mm)

NPS	125LB			250LB		
	L	D	D1	L	D	D1
2"	203	152	120.7	266.7	165.1	106.43
2 1/2"	216	178	139.5	292.1	190.5	125.48
3"	240	190	152.5	317.5	209.55	144.53
4"	292	229	190.5	355.6	254	176.28
5"	330	254	216	444.5	317.5	246.13
6"	355	279	241.5	553.4	381	303.21
8"	495	343	298.5			
10"	622	406	362			



主要零件及材料 Main parts and materials

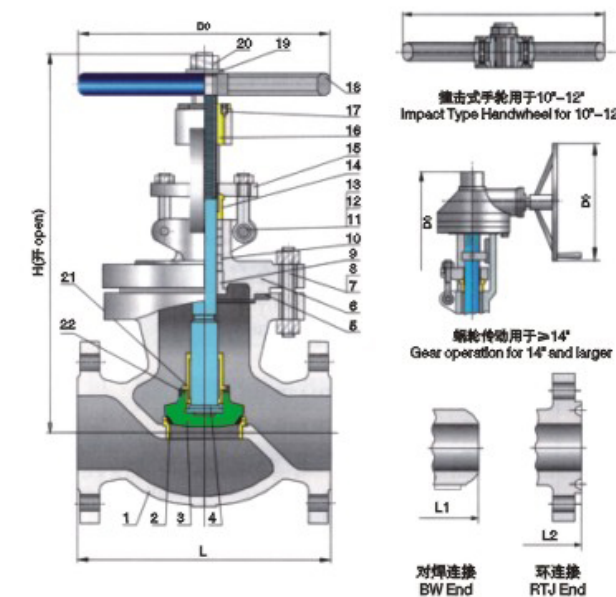
零件名称 Part name	材料 Material
阀体 Body	铸铁 Cast iron
阀盖 Bonnet	铸铁 Cast iron
阀板 Disc	铸铁+黄铜 Cast iron+Brass
阀杆 Stem	黄铜/不锈钢 Brass /Stainless Steel

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	KS B2350
结构长度 Face to Face	JIS B2031/KS B2306/JIS B2002
试验标准 Pressure test	KS B2304
连接法兰 Flange Drilling	JIS B2031/KS B1511/JIS B2212
压力 Pressure	10K

主要外形及连接尺寸 Main external and connecting dimensions(mm)

Size	L	D	b	Z-Φd	H	D0
40	190	140	20	4-19	249	180
50	200	155	20	4-19	263	180
80	220	175	22	4-19	300	190
100	240	185	22	8-19	309	210
125	290	210	24	8-19	363	240
150	360	250	24	8-23	437	260
200	410	280	26	8-23	490	270
250	600	400	30	12-25	618	450
300	620	445	32	16-25	691	450



主要零件材质 Material List

序号 No.	部件 Parts	材质 Material
1	阀体 Body	ASTM A216 Gr.WCB
2	阀座 Seat	ASTM A105+13Cr
3	阀瓣 Disc	ASTM A105+13Cr
4	阀杆 Stem	ASTM A182 F6a
5	垫片 Gasket	不锈钢与柔性石墨缠绕垫 304S.S. Jacketed Graphite
6	阀盖 Bonnet	ASTM A216 Gr.WCB
10	填料 Packing	柔性石墨 Graphite
16	阀杆螺母 Stem nut	铜铝合金 Aluminum bronze
18	手轮 Handwheel	可锻铸铁 Malleable Iron

备注：阀体材质有ASTM A216 WCB、A352 LCB、A217WC1 WC6、WC9、C5、A351 CF8 CF8M、CF3、CF3M 本表仅以ASTM A216 WCB为例。

结构尺寸 Dimensions (Class 150)

阀门尺寸 Valve size	In. mm	1 1/2 40	2 50	2 1/2 65	3 80	4 100	5 125	6 150	8 200	10 250	12 300	14 350	16 400
L-L1 突面-对焊 (RF-BW)	In. mm	6.5 165	8 203	8.5 216	9.5 241	11.5 292	14 356	16 406	19.5 495	24.5 622	27.5 698	31 787	36 914
L2 环连接 (RTJ)	In. mm	7.0 178	8.5 216	9 229	10 254	12 305	14.5 369	16.5 419	20 508	25 635	28 711	31.5 800	36.5 927
H 开 (Open)	In. mm	14.25 326	14.69 373	15.38 390	16.56 421	20.25 515	21.19 538	22.31 567	24.63 626	28 712	39 990	51 1295	63.75 1619
D0	In. mm	7.88 200	7.88 200	9.88 250	9.88 250	11.81 300	11.81 300	13.75 350	15.75 400	17.75 450	20 500	24 610	24 610

设计标准 Valve design

技术规范 Technical specification	
设计及制造标准 Design and manufacture	API 600、BS 1873
结构长度 Face to Face	ASME B16.10
法兰尺寸 Flanged End	ASME B16.5
对焊端尺寸 B.W. End	ASME B16.25
阀体壁厚 Shell Wall Thickness	API 600、BS 1873

结构尺寸 Dimensions (Class 300)

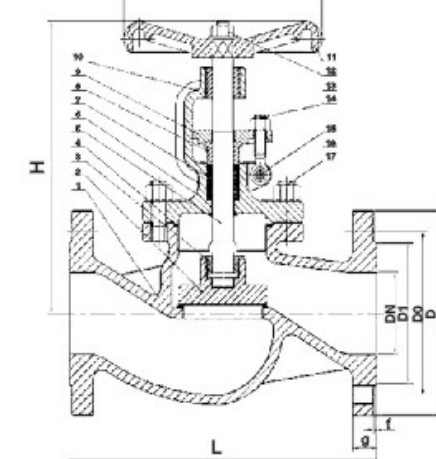
阀门尺寸 Valve Size	In. mm	1 1/2 40	2 50	2 1/2 65	3 80	4 100	5 125	6 150	8 200	10 250	12 300	14 350	16 400
L-L1 突面-对焊 (RF-BW)	In. mm	9 229	10.5 267	11.5 292	12.5 318	14 356	15.75 400	17.5 444	22 559	24.5 622	28 711	33 838	34 864
L2 环连接 (RTJ)	In. mm	9.5 242	11.12 283	12.12 308	13.12 334	14.62 372	16.37 416	18.12 460	22.62 575	25.12 638	28.62 727	33.62 854	34.62 880
H 开 (Open)	In. mm	14.17 360	15.69 398	17.13 436	18.19 462	22.06 560	24.38 620	27.31 694	38.63 982	44.5 1130	41.31 1049	61.25 1556	67 1700
Do	In. mm	7.88 200	7.88 200	9.88 250	9.88 250	13.75 350	15.75 400	17.75 450	22.06 560	34 860	24 610	24 610	24 610

结构尺寸 Dimensions (Class 600)

阀门尺寸 Valve Size	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-L1 突面-对焊 (RF-BW)	In. mm	11.5 292	13 330	14 356	17 432	22 559	26 660	31 787	33 838	35 889	39 991
L2 环连接 (RTJ)	In. mm	11.62 295	13.12 332	14.12 359	17.12 435	22.12 562	26.12 663	31.12 790	33.12 841	35.12 892	39.12 994
H 开 (Open)	In. mm	16.75 425	19.75 502	20.5 521	24.38 620	34.88 886	36.69 932	41 1040	50.38 1280	70.88 1800	76 1930
Do	In. mm	9.88 250	11.81 300	13.75 350	17.75 450	28.38 720	18.13 460	24 610	30 760	30 760	30 760

结构尺寸 Dimensions (Class 900/1500/2500)

MPa	阀门尺寸 Valve Size	In. mm	2 50	2 1/2 65	3 80	4 100	6 150	8 200	10 250
Class 900	L-L1 突面-对焊 (RF-BW)	In. mm	14.5 368	16.5 419	15 381	18 457	24 610	29 737	33 838
	L2 环连接 (RTJ)	In. mm	14.62 371	16.62 422	15.12 384	18.12 460	24.12 613	29.12 740	33.12 841
	H 开 (Open)	In. mm	9.44 240	10.25 260	10.25 260	12.63 320	15 382	20.88 530	27.17 690
	Do	In. mm	13.75 350	15.75 400	17.75 450	22.06 560	24 610	24 610	24 610
Class 1500	L-L1 突面-对焊 (RF-BW)	In. mm	14.5 368	16.5 419	18.5 470	21.5 546	27.75 705	32.75 832	
	L2 环连接 (RTJ)	In. mm	14.62 371	16.62 422	18.62 473	21.62 549	28 711	33.13 842	
	H 开 (Open)	In. mm	23.31 592	26 660	27.25 692	35.69 907	40 1015	45.06 1145	
	Do	In. mm	13.75 350	15.75 400	17.75 450	22.06 560	24 610	24 610	
Class 2500	L-L1 突面-对焊 (RF-BW)	In. mm	17.75 451	20 508	22.75 578	26.5 673	36 914		
	L2 环连接 (RTJ)	In. mm	17.87 454	20.25 514	23 584	26.88 683	36.5 927		
	H 开 (Open)	In. mm	27.25 692	29.5 750	31.5 800	47.25 1200	75 1905		
	Do	In. mm	15.75 400	19.69 500	24 610	30 760	30 760		



德标截止阀适用于公称压力PN1.6~16MPa，工作温度-29~350℃的易燃、易爆、剧毒、毒性流体、高温导热油、液氨等介质。广泛应用于：石油化工、化纤纺织、塑料造纸、电力钢铁、印染橡胶、天然气等其它气体系统中，性能安全可靠。产品结构合理、密封可靠，保证阀杆的零泄漏。

DIN Globe Valves are suitable for the pressure from PN1.6~16Mpa. It can work in the medium of -29~425℃ combustible, explosive, toxic fluid, heat conducting oil and liquid ammonia. Application: petrochemical industry, Chemical Fiber Textiles, plastic, paper making, power industry, steel, rubber and gas systems. The performance is very reliable. Rational Structures, Reliable Sealing, Zero Leakage of Stem.

主要零件及材料 Main parts and materials

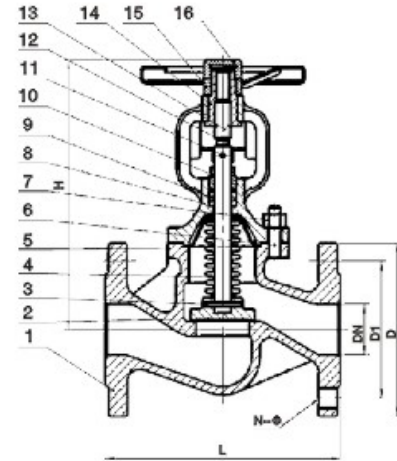
零件名称 Part name	材料 Material
1. 阀体 Body	GG GS-C25 SS304 SS316
2. 阀瓣 Disc	C. C+13Cr SS304 SS316
5. 阀杆 Stem	13Cr, F304, F316
6. 阀盖 Bonnet	GG GS-C25 SS304 SS316
7. 填料 Packing	Flexible Graphite
8. 压盖 Gland	13Cr, SS304, SS316

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	DIN EN13709-2003
结构长度 Face to Face	DIN EN558-1:1995
连接法兰 Flange Drilling	DIN EN1092-1:2002
试验标准 Pressure test	DIN EN12266:2003

主要外形及连接尺寸 Main external and connecting dimensions(mm)

公称通径 Nominal diameter DN	PN16					PN25					PN40				
	L	D	D1	N-Φ	H	L	D	D1	N-Φ	H	L	D	D1	N-Φ	H
15	130	95	65	4×14	190	130	95	65	4×14	190	130	95	65	4×14	190
20	150	105	75	4×14	190	150	105	75	4×14	190	150	105	75	4×14	190
25	160	115	85	4×14	195	160	115	85	4×14	195	160	115	85	4×14	195
32	180	140	100	4×18	210	180	140	100	4×18	210	180	140	100	4×18	210
40	200	150	110	4×18	220	200	150	110	4×18	220	200	150	110	4×18	220
50	230	165	125	4×18	230	230	165	125	4×18	230	230	165	125	4×18	230
65	290	185	145	8×18	255	290	185	145	8×18	255	290	185	145	8×18	255
80	310	200	160	8×18	270	310	200	160	8×18	270	310	200	160	8×18	270
100	350	220	180	8×18	360	350	235	190	8×22	360	350	235	190	8×22	360
125	400	250	210	8×18	380	400	270	220	8×26	380	400	270	220	8×26	380
150	480	285	240	8×22	415	480	300	250	8×26	415	480	300	250	8×26	415
200	600	340	295	12×22	530	600	360	310	12×26	530	600	375	320	12×30	530
250	730	405	355	12×26	665	730	425	370	12×30	665	730	450	385	12×33	665
300	850	460	410	12×26	720	850	485	430	16×30	720	850	515	450	16×33	720
350	980	520	470	16×26	1020	980	555	490	16×33	1020	980	580	510	16×36	1020
400	1100	580	525	16×26	1180	1100	670	550	16×36	1180	1100	660	585	16×39	1180



波纹管截止阀是一种比较新型的截止阀，双重密封，性能可靠。密封面堆焊硬质合金，阀杆表面氮化处理，耐磨，耐腐蚀，抗摩擦性能良好，使用寿命长。
用途：广泛应用于石油，化工，制药，化肥，电力行业等各种工况的管路上，切断或接通管路介质。

Bellows Seal Globe Valve is a new kind of globe valves with dual-seal. So its sealing capacity is very good. The sealing surface is bead welding with hard alloy and the stem surface is in "nitrogen treatment". Hence it is the valve of attrition-resistant, good anti-corrosion performance and long service life.
Application: Petrochemical, Power Plant, Steel Mill, Plastic and Paper Industries

主要零件及材料 Main parts and materials

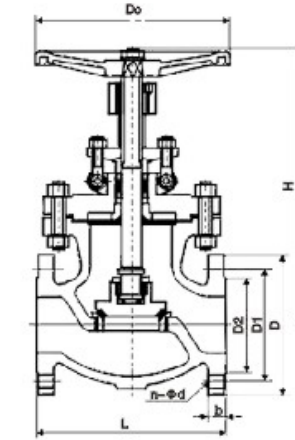
零件名称 Part name	材料 Material
1. 阀体 Body	GG GS-C25 SS304 SS316
2. 阀瓣 Disc	C.C+13Cr SS304 SS316
4. 波纹管 Bellows	SS304 SS316
6. 阀盖 Bonnet	GG GS-C25 SS304 SS316
7. 填料 Packing	Graphite, PTFE
10. 压盖 Gland	13Cr, 304, 316

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	DIN EN13709-2003
结构长度 Face to Face	DIN EN588-1:1995
连接法兰 Flange Drilling	DIN EN1092-1:2002
试验标准 Pressure test	DIN EN12266:2003

主要外形及连接尺寸 Main external and connecting dimensions(mm)

公称直径 Nominal diameter DN	PN16					PN25					PN40				
	L	D	D1	N-Φ	H	L	D	D1	N-Φ	H	L	D	D1	N-Φ	H
15	130	95	65	4×14	190	130	95	65	4×14	190	130	95	65	4×14	190
20	150	105	75	4×14	190	150	105	75	4×14	190	150	105	75	4×14	190
25	160	115	85	4×14	195	160	115	85	4×14	195	160	115	85	4×14	195
32	180	140	100	4×18	210	180	140	100	4×18	210	180	140	100	4×18	210
40	200	150	110	4×18	220	200	150	110	4×18	220	200	150	110	4×18	220
50	230	165	125	4×18	230	230	165	125	4×18	230	230	165	125	4×18	230
65	290	185	145	8×18	255	290	185	145	8×18	255	290	185	145	8×18	255
80	310	200	160	8×18	270	310	200	160	8×18	270	310	200	160	8×18	270
100	350	220	180	8×18	360	350	235	190	8×22	360	350	235	190	8×22	360
125	400	250	210	8×18	380	400	270	220	8×26	380	400	270	220	8×26	380
150	480	285	240	8×22	415	480	300	250	8×26	415	480	300	250	8×26	415
200	600	340	295	12×22	530	600	360	310	12×26	530	600	375	320	12×30	530
250	730	405	355	12×26	665	730	425	370	12×30	665	730	450	385	12×33	665
300	850	460	410	12×26	720	850	485	430	16×30	720	850	515	450	16×33	720
350	980	520	470	16×26	1020	980	555	490	16×33	1020	980	580	510	16×36	1020
400	1100	580	525	16×26	1180	1100	670	550	16×36	1180	1100	680	585	16×39	1180



主要零件及材料 Main parts and materials

零件名称 Part name	材料 Material
阀体 Body	JIS-SCS13
阀板 Disc	JIS-SCS13
阀杆 Stem	JIS-SUS304
阀盖 Bonnet	JIS-SCS13
手轮 Handwheel	球墨铸铁QT400-15
填料 Packing	聚四氟乙烯PTFE/柔性石墨Flexible graphite
螺栓 Bolt	A193-B8

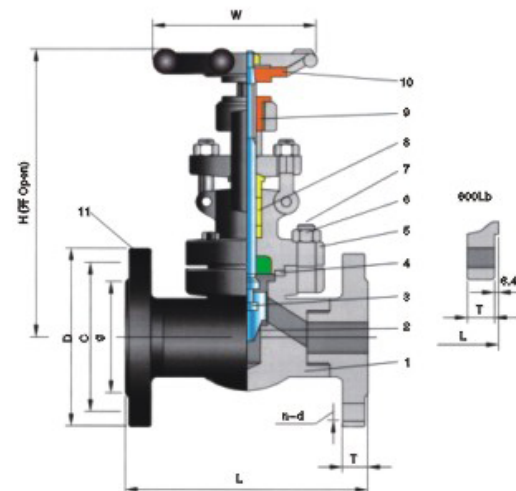
设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	JIS B2071
结构长度 Face to Face	JIS B2002
连接法兰 Flange Drilling	JIS B2212 B2214
试验标准 Pressure test	JIS B2003

备注：阀体材质有WCB、SCS13、SCS13A、SCS14、SCS14A、SCS19、SCS19A、SCS16、SCS16A，本表仅以SCS13为例
Body material WCB, SCS13, SCS13A, SCS14, SCS14A, SCS19, SCS19A, SCS16, SCS16A, this only USES the example of SCS13

主要外形及连接尺寸 Main external and connecting dimensions(mm)

Pressure	Size	L	D	D1	D2	b	H	D0	n-Φd
10K	15	108	92	70	52	12	165	100	4-15
	20	117	100	75	58	14	171	100	4-15
	25	127	125	90	70	14	185	100	4-19
	40	165	140	105	85	16	214	138	4-19
	50	203	155	120	100	16	235	160	4-19
	65	216	175	140	120	18	336	200	4-19
	80	241	185	150	130	18	357	224	8-19
	100	292	210	175	155	18	421	280	8-19
	125	356	250	210	185	20	491	300	8-23
	150	408	280	240	215	22	556	350	8-23
20K	200	495	330	290	265	22	674	450	12-23
	15	152	95	70	52	14	175.5	100	4-15
	20	178	100	75	58	16	176.5	100	4-15
	25	203	125	90	70	16	203	100	4-19
	40	229	140	105	85	18	238	138	4-19
	50	267	155	120	100	18	249	160	8-19
	65	292	175	140	120	20	465	200	8-19
	80	318	200	160	135	22	365	224	8-23
	100	356	225	185	160	24	421	280	8-23
	125	400	270	225	195	26	690	300	8-15
	150	444	305	260	230	28	606	350	12-25
	200	559	350	305	275	30	697	450	12-25



主要零件材质 Material Specifications

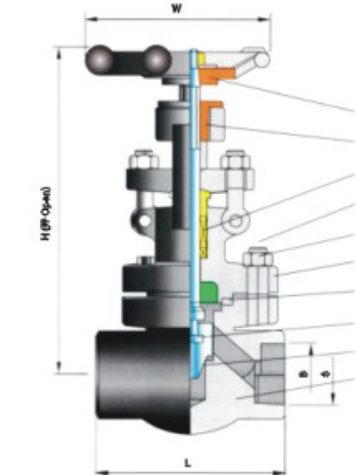
序号 No.	部件 Parts	材料 Material
1	阀体 Body	A105
2	阀瓣 Disc	13Cr
3	阀杆 Stem	A182-F8a
5	阀盖 Bonnet	A105
7	螺栓 Bolt	A193-B7
8	填料 Packing	柔性石墨

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	BS 5352
结构特征 Construction Feature	B.B OS & Y or WB OS & Y
结构长度 Face to Face	ANSI B16.10
法兰尺寸 Flanged connection	ANSI B 16.5
测试标准 Test inspection	API 598
主体材料 Body material	A105、F304、F316、F304L、F316L、F5、F11 F22...

结构尺寸 Dimensions(Class 900/1500/2500)

公称通径		压力等级 Class	L	D	C	g	T	n-d	H (Open)		W	
Inch	mm								缩径	全径	缩径	全径
1/2"	15	150	108	90	60.5	35	11.5	4-16	158	163	100	100
		300	140	95	66.5		14.5	4-16				
		600	165	95	66.5		14.5	4-16				
3/4"	20	150	117	100	70	43	13	4-16	163	193	100	125
		300	152	115	82.5		16	4-19				
		600	190	115	82.5		16	4-19				
1"	25	150	127	110	79.5	51	14.5	4-16	193	250	125	160
		300	165	125	89		18	4-19				
		600	216	125	89		18	4-19				
1 1/4"	32	150	140	115	89	63	16	4-16	250	250	160	160
		300	178	135	98.5		19.5	4-19				
		600	229	135	98.5		21	4-19				
1 1/2"	40	150	165	125	98.5	73	18	4-16	250	291	160	180
		300	190	155	114.5		21	4-22.5				
		600	241	155	114.5		22.5	4-22.5				
2"	50	150	178	150	120.5	92	19.5	4-19	291	312	180	200
		300	216	165	127		22.5	8-19				
		600	292	165	127		26	8-19				



主要零件材质 Material Specifications

序号 No.	部件 Parts	材料 Material
1	阀体 Body	A105
2	阀瓣 Disc	13Cr
3	阀杆 Stem	A182-F8a
5	阀盖 Bonnet	A105
7	螺栓 Bolt	A193-B7
9	阀杆螺母 Stem nut	13Cr

设计标准 Valve design

技术规范 Technical specification	
设计标准 Valve design	BS 5352
结构特征 Construction Feature	B.B OS & Y or WB OS & Y
螺纹连接尺寸 FNPT connection	ANSI B1.20.1
承插焊连接尺寸 Socket weld connection	ANSI B16.11
测试标准 Test inspection	API 598
主体材料 Body material	A105、F304、F316、F304L、F316L、F5、F11 F22...

结构尺寸 Dimensions(Class 800)

公称通径				L	B				S				H(开) H(Open)	W
Inch		mm			ANSI		JIS		ANSI NPT牙形60°		ISO、BS、JIS 牙形55°			
缩径	全径	缩径	全径		缩径	全径	缩径	全径	缩径	全径	缩径	全径		
1/2"		15		80	21.8		22.2		1/2"		1/2"		158	100
3/4"	1/2"	20	15	92	27.1	21.8	27.7	22.2	3/4"	1/2"	3/4"	1/2"	192	100
1"	3/4"	25	20	111	33.8	27.1	34.5	27.7	1"	3/4"	1"	3/4"	252	125
1 1/4"	1"	32	25	120	42.6	33.8	43.2	34.5	1 1/4"	1"	1 1/4"	1"	252	160
1 1/2"	1 1/4"	40	32	152	48.7	42.6	49.1	43.2	1 1/2"	1 1/4"	1 1/2"	1 1/4"	289	160
2"	1 1/2"	50	40	172	61.1	48.7	61.1	49.1	2"	1 1/2"	2"	1 1/2"	330	180
	2"	50		200		61.1		61.1		2"		2"	370	240

我们产品主要销售市场是亚洲、非洲、中东（巴基斯坦、孟加拉国、印度尼西亚、马来西亚、越南、菲律宾、南非、埃及、肯尼亚、阿尔及利亚、乌干达、赞比亚、坦桑尼亚、埃塞俄比亚、沙特、阿联酋等）

Our main sales market is Asia, Africa and the Middle East (Pakistan, Bangladesh, Indonesia, Malaysia, Vietnam, Philippines, South Africa, Egypt, Kenya, Algeria, Uganda, Zambia, Tanzania, Ethiopia, Saudi Arabia, uae, etc.



品牌化营销网络

Brand marketing network

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高瞻远瞩，顶层设计
逐步扩大营销网络和完善用户服务网络，
创建威斯盾阀门高端品牌

The superior product quality and brand effect

Vision, top design
Gradually expanding the marketing network and improving the user service network,
Create the weisidun valve premium brand