

Product Contents

产品目录



阀门选型指南 How To Order

- 02 阀门选型表
Valve selection Table
- 04 材料化学成分和力学性能
Chemical composition and
Mechanical properties



精密铸造 Investment Casting

- 07 工艺流程
Technological process
- 07 能力介绍
Ability introduction
- 08 产品展示
Product display



球体加工 Ball Processing Parts

- 10 常规球体
Regular sphere
- 11 产品展示
Product display



球阀系列 Ball Valve Series

- 13 片式球阀
Ball Valve
- 19 国标球阀 (软密封/硬密封)
GB Ball Valve
- 20 美标球阀
ANSI Ball Valve (150LB/300LB)
- 21 日标球阀
JIS Ball Valve (10K)
- 22 Q71F薄型球阀
Q71F Thin Ball Valve
- 23 Q45F(T型)三通球阀
Q45F (T-TYPE) Three-way Ball Valve
- 24 Q44F(L型)三通球阀
Q44F (L-TYPE) Three-way Ball Valve



闸阀系列 Gate Valve Series

- 26 国标闸阀
GB Gate Valve
- 27 美标闸阀
ANSI Gate Valve (Class-150Lb)
- 28 日标闸阀
JIS Gate Valve (10k/20k)



截止阀系列 Globe Valve Series

- 30 国标截止阀
GB Globe Valve
- 31 美标截止阀
ANSI Globe Valve
- 32 日标截止阀
JIS Globe Valve (10k/20k)
- 33 上、下展式放料阀
Put/Down Baiting Valve



止回阀系列 Check Valve Series

- 35 国标旋启式止回阀
GB Swing Type Check Valve
- 36 美标旋启式止回阀
ANSI Swing Type Check Valve
- 37 升降式止回阀
Lift Type Check Valve
- 38 立式止回阀
Vertical Lift Check Valve
- 39 H71对夹式止回阀
H71 Wafer Type Check Valve



电动阀门系列 Electric Valve Series

- 41 电动球阀
Electric Ball Valve
- 42 电动闸阀
Electric Gate Valve



气动阀门系列 Pneumatic Valve Series

- 44 气动球阀
Pneumatic Ball Valve
- 44 气动蝶阀
Pneumatic Butterfly Valve
- 45 气动调节阀
Pneumatic Regulating valve
- 45 气动放料阀
Pneumatic Baiting Valve

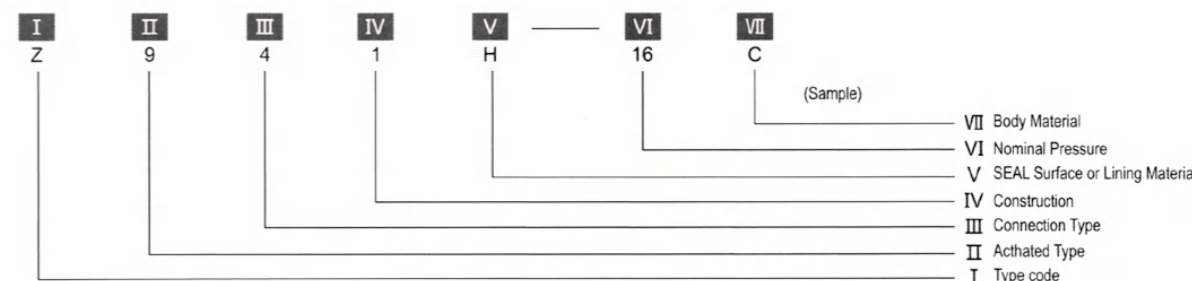
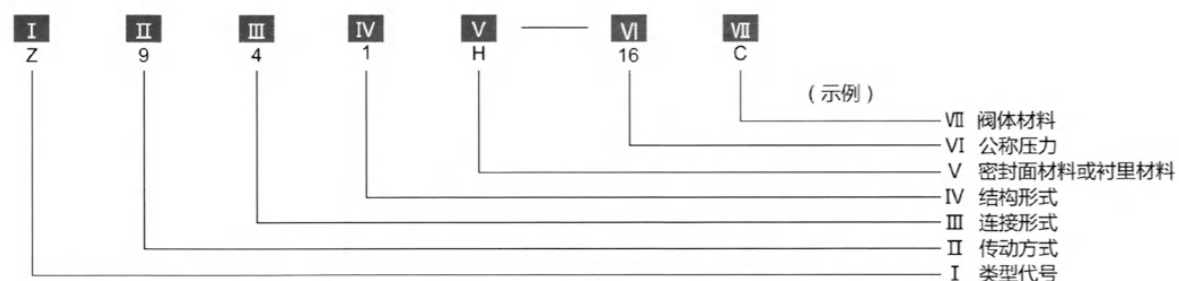


其他 Other Series

- 47 管道配件
Pipe fittings
- 48 快接
Quick Joints
- 49 衬氟阀门
Fluorine-lined Valve

How To Order

阀门选型指南



代号	0	1	2	3	4	5	6	7	8	9
Ⅱ-传动方式	电磁波	电磁-波动	电-液动	蜗轮	正齿轮	锥齿轮	气动	液动	气-液动	电动
Ⅲ-连接形式	-	内螺纹	外螺纹	-	法兰	-	焊接	对夹	卡箍	卡套动
Ⅰ-类型代号	Ⅳ-结构形式									
闸阀	Z	明杆				暗杆				刚性
		楔式		平行式		楔式		平行式		
截止阀	J	弹性闸阀		刚性		刚性		平衡		刚性
		单闸板	双闸板	单闸板	双闸板	单闸板	双闸板	单闸板	双闸板	
节流阀	L	直通式		Z型式		三通式		角式		刚性
		直通式		Z型式		三通式		角式		
柱塞阀	U	直通式		Z型式		三通式		角式		刚性
		直通式		Z型式		三通式		角式		
球阀	Q	浮动球				固定式				
		半球直通	直通式	三通式Y形	三通式	Y型	T形	四通式	直通式	三通式
蝶阀	D	非密封性三偏心		密封型		非密封式		非密封式		
		中线式	单偏心	双偏心	连杆机构	三偏心	中线式	单偏心	双偏心	连杆机构
隔膜阀	G	屋脊式		截止阀		直通式		角式Y形		
		屋脊式		截止阀		直通式		角式Y形		
旋塞阀	X	填料密封				油密性				
		直通式	T型三通式	四通式	四通式	直通式	T型三通式	四通式	四通式	
止回阀	H	升降式		旋启式		多瓣式		回转蝶形截止止回		
		直通式	立式	角式	单瓣式	双瓣式	多瓣式	回转蝶形	截止止回	截止止回
安全阀	A	带散热片全启式		带扳手		带控制带扳手		脉冲式		
		微启式	全启式	双联微启式	全启式	杠杆式	带控制带扳手	微启式	全启式	脉冲式
减压阀	Y	薄膜式		弹簧薄膜式		活塞式		波纹管式		
		薄膜式	弹簧薄膜式	活塞式	波纹管式	波纹管式	波纹管式	波纹管式	波纹管式	波纹管式
疏水阀	S	浮球式		浮桶式		膨胀式		中形浮子式		
		浮球式	浮桶式	膨胀式	膨胀式	中形浮子式	膜盒式	双金属片式	脉冲式	热动力式
排污阀	P	液面连续排放				液面间断排放				
		直通式	角式	直通式	角式	直通式	角式	直通式	角式	浮动闸板型

Ⅵ公称压力 公称通径的数值用10倍的兆(MPa)数表示;用于电站工业阀门,当截至最高温度超过425°C,标注工作压力。

Code	0	1	2	3	4	5	6	7	8	9	
Ⅱ-Acruate Type	Electro magnetic	Electro-hydraulic	Electrical-hydraulic	Gear	Spur gear	Angle gear	Pneumatic	Hydraulic	Pneumatic-hydraulic	Electrical	
Ⅲ-Connection	-	Inside screw	Outside screw	-	Flange	-	Welding	Wafer	Union ring	Compression joint	
Ⅰ-Type Code	Ⅳ-Construction Type										
Gate Valve	Z	Rising stem				Non-rising stem					
		Wedge type		Parallel Type		Wedge type		Parallel type			
Globe Valve	J	Ringid Disc				Ringid Disc					
		Flexible	Single	Double	Single	Double	Single	Double	Single	Double	
Throttle Valve	L	Through way		Z-Type		Tee		Angled		Straight Flow	
		Through way		Z-Type		Tee		Angled		Straight Flow	
Piston Valves	U	Floating Type				Trunnion-mounted					
		Half-ball through way	Through way	Y-Patrm Tee	Tee	T-Patrm	T-Patrm	Four-way	Thyough Way	Tee	Y-Patrm
Ball Valve	Q	Non-Seal Type				Non-Seal Type					
		Center line-type	single-eccentric	Bi-eccentric	Link mechanism	Tri-eccentric	Center line-type	Bi-eccentric	Link mechanism	Tri-eccentric	
Butterfly Valve	D	Weir type		Glope type		Y-Patrm		Through Way Type		Y-Patrm angle type	
		Weir type		Glope type		Y-Patrm		Through Way Type		Y-Patrm angle type	
Diaphragm Valve	G	Packing seal				Lubricate Seal					
		Through Way Type	T-Patrm Tee	Fout-way Type	Swing type	Rotary Type	Butterfly	Globe check	Globe check	Globe check	
Plug Valve	X	Lift Type				Swing type					
		Th.way	Vertical type	Angle type	Single-plate	Double disc	Multi-disc	Spring unseal	Spring unseal	Spring unseal	
Check Valve	H	Spring seal type				Spanner type					
		Full lift with cooling fin	Low lift	Full lift	Twin-low	Full lift	Lever	Full lift with control	Spanner type	Pulse	
Safety Valve	A	Diaphragm		Spring diaphragm		Piston		Bellows			
		Diaphragm	Spring diaphragm	Piston	Bellows	Lever	Inverted bucket type	Membrane-box	Bimetal elements	pluse	Hot-motive force
Reducing Valve	Y	Continuous Discharge				Discontinuous Discharge					
		Through way type	Angle type	Through way type	Angle type	Straight flow type	Through way type	Angle type	Float gate dise type	Float gate dise type	

Ⅵ-Nominal Pressure: The data of nominal diametet is express as ten times Mpa valve;it will mark working pressure when medium temperature over 425°CAnd be used in power station

V-阀座密封面或衬里材料	代号	V-阀座材料	代号
巴氏合金	B	尼龙塑料	N
搪瓷	C	渗碳钢	P
渗氮钢	D	衬铅	Q
氟塑料	F	Mo 2 Ti系不锈钢	R
陶瓷	G	塑料	S
Cr13系不锈钢	H	铜合金	T
衬胶	J	橡胶	X
蒙乃尔合金	M	硬质合金	Y

Ⅶ-阀体材料	代号	Ⅶ-阀体材料	代号
钛及钛合金	T1	球墨铸铁	Q
碳钢	C	Mo 2 Ti不锈钢	R
Cr13系不锈钢	H	塑料	S
铬钼钢	I	铜及铜合金	T
可锻铸铁	K	铬钼钒钢	V
铝合金	L	灰铸铁	Z
18-8系不锈钢	P	-	-

V-seat seal surface or ting material	Code	V-seat seal surface of lining material	Code
Babbitt meta	B	Nylon plastic	N
Enamel	C	Boronizing steel	P
Nitrided steel	D	Lead Lining	Q
Fluoroplastics	F	Mo 2 Ti series SS	R
Ceramic Metal	G	Plastic	S
Cr13 series SS	H	Copper alloy	T
Rubber lined	J	Rubber	Y
Monel metall	M	Stellite	X

Ⅶ-Body material	Code	Ⅶ-Body material	Code
Tianium&titanium alloy	T1	Spheroidal cast iron	Q
Carbon steel	C	Mo2 Ti series SS	R
Cr13 series SS	H	Plastic	S
Cr-Mo steel	I	Copper&Copper Alloy	T
Malleable Iron	K	Cr-Mo-V steel	V
Aluminum alloy	L	Gray cast Iron	Z
18-8 series SS	P	-	-

注: 1.由阀门直接加工的阀座密封面材料代号用“W”表示;
2.除隔膜阀外,当密封材料不同时,用低硬度材料代号表示

注:1. PN < 1.6MPa的灰铸铁阀体和PN > 2.5MPa的碳素钢阀体材料可省略本代号;
2. CF3, CF8, CF3M, CF8M等材料牌可直接标注在阀体上。

Remark: 1. Code W is express material of sear surface that direct machining from body.
2. Except diaphragm valve, it mark with low hardness material code when sear surface material is different.

Remark: 1. Omit the code if body material is gray cast iron body when PN ≤ 1.6Mpa and is carbon steel body when PN ≥ 2.5 Mpa.
2. CF3, CF8, CF3M, CF8M etc material code can direct mark on body.

How To Order

阀门选型指南

1.2.2. 高温铬铜钢

ASTM A217中几种常用Cr-Mo铸件的化学成分和力学性能

牌号	化学成分%											力学性能			
	C	Mn	P	S	Si	Cr	Mo	残留元素				抗拉强度 δb/MPa	屈服伸率 δs/MPa	延伸率 δ/%	断面收缩 率ψ/%
								Cu	Ni	W	合计				
WC6	0.05-0.20	0.50-0.80	0.4	0.045	0.60	1.00-1.50	0.45-0.65	0.50	0.50	0.10	1.00	485-655	275	20	35
WC9	0.05-0.18	0.40-0.70	0.4	0.045	0.60	2.00-2.75	0.90-1.20	0.50	0.50	0.10	1.00	485-655	275	20	35
C5	0.20	0.40-0.70	0.4	0.045	0.75	4.00-6.50	0.45-0.65	0.50	0.50	0.10	1.00	485-655	415	18	35

GB/T1625中几种高温钢铸件的化学成分和力学性能

牌号	化学成分%							力学性能								
	C	Si	Mn	S	P	Cr	Mo	抗拉强度 δb/MPa	屈服伸率 δs/MPa	延伸率 δ/%	断面收缩 率ψ/%	AKv/j	σP02/MPa			
ZG15CR1MOG	0.10-0.20	0.30-0.60	0.50-0.80	0.035	0.035	1.00-1.50	0.45-0.65	490-640	290	18	35	27	400°C	450°C	500°C	550°C
ZG12CR1MO1G	0.08-0.15	0.30-0.60	0.50-0.80	0.035	0.035	2.00-2.50	0.90-1.20	510-660	280	18	35	25	205	195	180	160
ZG16CR1MOG	0.12-0.19	0.80	0.50-0.80	0.035	0.035	4.00-6.00	0.45-0.65	630-780	420	18	35	25	230	220	205	180

注：1. 表中未列入的化学元素，未经需方同意，不得有意加入。
 2. JB/T5263电站阀门CrMo高温铸件中已将ASTM A217中的WC6、WC9转化为国内标准，代替ZG150Cr1MoG。
 3. Akv为3个夏比冲击试样吸收功的平均值，允许其中一个试样低于平均值70%。
 4. 无特殊要求，ψ和AKv由制造厂任选一项进行。
 5. σP0.2值标准从20°C开始，表格位置有限，本表从400°C开始列入。

ASTM A217M中几种常用Cr-Mo铸件的化学成分和力学性能

牌号	化学成分%									力学性能				
	C	Si	Mn	Mo	Cr	P	S	Ni	Cu	抗拉强度 δb/MPa	屈服伸率 δs/MPa	延伸率 δ/%	断面收缩 率ψ/%	HB
15CRM0	0.12-0.18	0.10-0.60	0.30-0.80	0.45-0.65	0.80-1.25	0.035	0.035	0.30	0.25	440-610	275	20	34	118-180
12C2RMO1	0.15	0.50	0.30-0.60	0.90-1.10	2.00-2.50	0.030	0.030	0.30	0.25	510-680	310	18	41	136-201
1CRM5MO	0.15	0.50	0.60	0.45-0.65	4.00-6.00	0.030	0.030	0.50	0.25	590-760	390	18	34	174-229

1.2.3. 奥氏体不锈钢

几种常用奥氏体不锈钢铸件化学成分和力学性能

牌号	化学成分%									力学性能		
	C	Mn	Si	P	S	Ni	Cr	Mo	Nb	抗拉强度 δb/MPa	屈服伸率 δs/MPa	延伸率 δ/%
CF3	0.03	1.50	2.00	0.04	0.04	8.0-12.0	17.0-21.0	0.50 ₀		485	205	30
CF8	0.08	1.50	2.00	0.04	0.04	8.0-11.0	18.0-21.0	0.50 ₀		485	205	30
CF3M	0.03	1.50	1.50	0.04	0.04	9.0-13.0	17.0-21.0	2.00-3.00		485	205	30
CF8M	0.08	1.50	1.50	0.04	0.04	9.0-12.0	18.0-21.0	2.00-3.00		485	205	30
CF8C	0.08	1.50	2.00	0.04	0.04	9.0-12.0	18.0-21.0	0.50 ₀	CX8-1.0	485	205	30

注：1. 表中的σS及化学成分中钼含量为ASTM A35/351M中的数据，GB12230中σS值为206，对CF3、CF8和CF8C没有含钼量的规定。
 2. 在确切的σS不能测出时，允许用σ0.2代替，并注明为屈服强度。

ASTM A182/A182M中几种常用奥氏体不锈钢锻件化学成分和力学性能

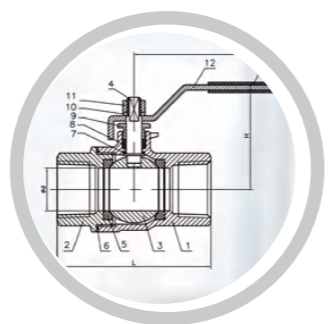
牌号	化学成分%									力学性能			
	C	Mn	P	S	Si	Ni	Cr	Mo	Nb	抗拉强度 δb/MPa	屈服伸率 δs/MPa	延伸率 δ/%	断面收缩 率ψ/%
F304	0.08	2.00	0.045	0.030	1.00	8.0-11.0	18.0-20.0			515	205	30	50
F304L	0.03	2.00	0.045	0.030	1.00	8.0-13.0	18.0-20.0			485	170	30	50
F316	0.08	2.00	0.045	0.030	1.00	10.0-14.0	16.0-18.0			515	205	30	50
F316L	0.03	2.00	0.045	0.030	1.00	10.0-15.0	16.0-18.0	2.00-3.00		485	175	30	50
F347	0.08	2.00	0.045	0.030	1.00	9.0-13.0	17.0-20.0	2.00-3.00	CX10-1.10	515	205	30	50

注：1. F304、F304L、F316、F316L钢的含量N为0.1%。
 2. 当截面大于130mm时，F304、F316、F347钢的σb最小值为485MPa，F304L的σ最小值为450MPa。

JB4728中几种常用的奥氏体钢锻件化学成分和力学性能

牌号	化学成分%									力学性能			
	C	Si	Mn	Cr	Ni	Mo	Ti	P	S	抗拉强度 δb/MPa	屈服伸率 δs/MPa	延伸率 δ/%	HB
0CR18NI9	0.07	1.0	2.00	17.0-19.0	8.0-11.0			0.035	0.030	520	205	35	139-187
00CR19NI10	0.03	1.0	2.00	18.0-20.0	8.0-12.0			0.035	0.030	480	175	35	128-187
0CR17NI12M02	0.08	1.0	2.00	16.0-18.0	10.0-14.0	2.00-3.00		0.035	0.030	520	205	35	139-187
00CR17NO14M02	0.03	1.0	2.00	16.0-18.0	12.0-15.0	2.00-3.00		0.035	0.030	480	175	35	128-187
0CR18NI10TI	0.08	1.0	2.00	17.0-19.0	9.0-12.0		5XC	0.035	0.030	520	205	35	139-187

注：表中和力学性能数据为公称厚度≤100mm数值，当厚度≥100mm时σb及HB值略有降低，见原标准。



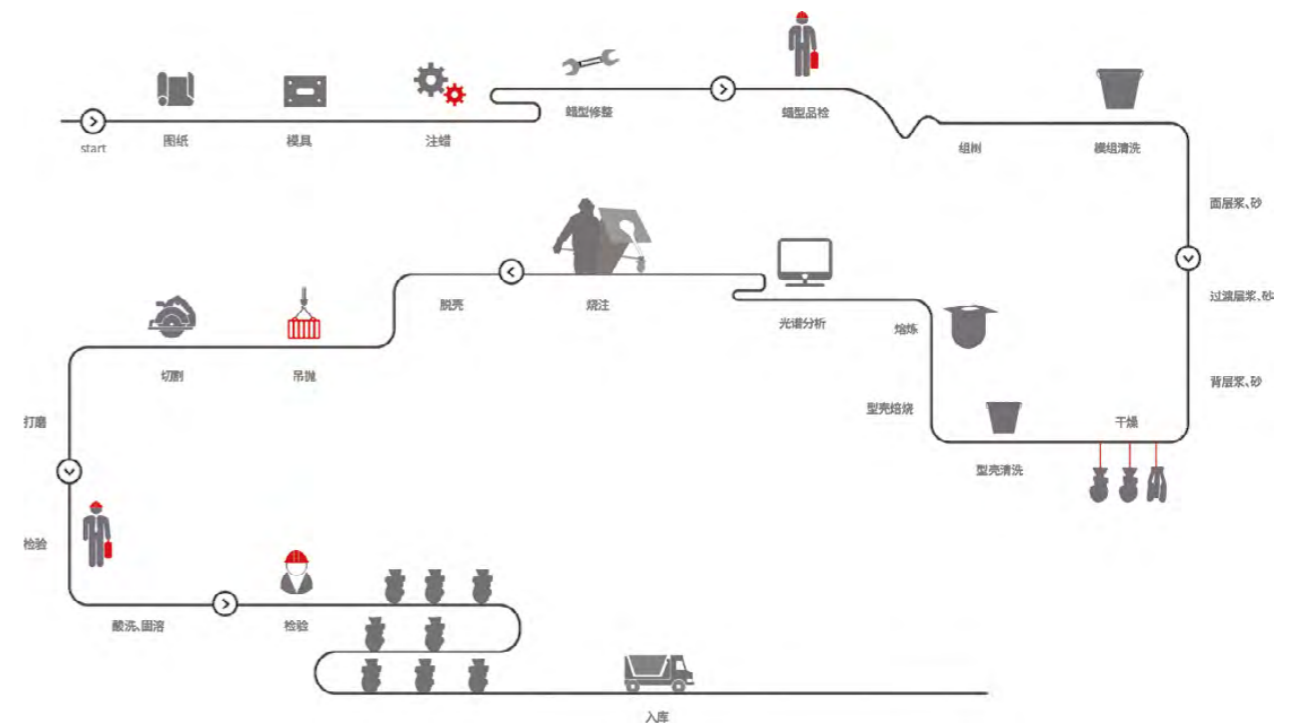
精密铸造

Investment Casting



Technological process

工艺流程



Ability introduction

能力介绍

材质：不锈钢，碳钢，涵盖 SS304, SS316, SS316L, WCB, 1.4408 等
Material: Stainless steel, Carbon Steel, including S304, SS316, SS316L, WCB, 1.4408, etc
产品单重范围：单重 5g-150kg
Unit Weight range: 5g to 150kg
尺寸精度：通常精度 CT4-6 级，特殊工件可达到 CT3 级水平
Dimensional accuracy: Normally CT 4-6, Special workpiece can reach CT3 level
表面质量：≤ Ra6.3，特殊工艺处理后 ≤ Ra3.2
Surface quality: Ra ≤ 6.3, Ra ≤ 3.2 after special processing

其他：

- > 拥有全自动射蜡机和射蜡工艺群控系统；
Own full-automatic wax injection machine and process control system
- > 拥有自动制壳机械手和干燥间温湿度自动控制系统；
Own automatic robot for shell making and humiture auto-control system in drying room
- > 拥有快速干燥技术，缩短制壳干燥周期；
Own rapid drying technique, shorting cycle for shell making and drying
- > 配备带蜡料除水功能的先进脱蜡釜；
Equipped with advanced dewaxing kettle removing water with wax
- > 采用安全、环保的全自动蜡处理系统；
Adopt full-automatic wax treatment system, keep safety and environmental



Product display

产品展示



球体加工

Ball Processing Parts



Regular sphere

常规球体

- 规格 :1/4"-6"
- 熔模铸造不锈钢球
- 钢球材料 ASTM CF8M CF8 CF3M
- 我们可以生产各种规格的球
- 对外根据客户的要求加工



Product display

产品展示

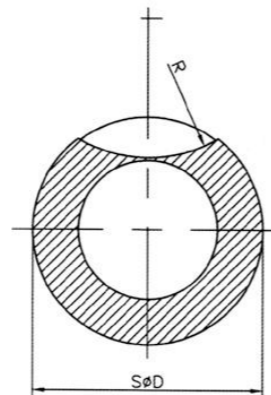
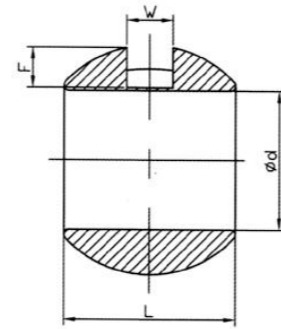
- Size: 1/4"-6"
- Investment Casting Stainless steel ball
- Material: ASTM CF8M CF8 CF3M
- We could produce all kinds of balls by customized

Chemical Analysis

TYPE	C	Si	Mn	P	S	Cr	Ni	Mo
CF8M	≤ 0.08	≤ 1.5	≤ 1.5	≤ 0.04	≤ 0.04	18.0 ~ 21.0	9.0 ~ 12.0	2.0 ~ 3.0
CF8	≤ 0.08	≤ 2.0	≤ 1.5	≤ 0.04	≤ 0.04	18.0 ~ 21.0	8.0 ~ 11.0	
CF3M	≤ 0.03	≤ 1.5	≤ 1.5	≤ 0.04	≤ 0.04	17.0 ~ 21.0	9.0 ~ 13.0	2.0 ~ 3.0

General Dimensions Of the balls

SΦD	Φd	L	W	F	R
15.5	9.2	11.5	4	2.5	10
20.5	12.5	15.2	4	2.7	10
25.5	15	19.3	5	4	13
32	20	23.7	5	5	13.6
39	25	28.5	8	5.8	19
42.5	25	32.9	8	7	20
50	32	36	8	7	25
60	38	45	9.5	8	28
63	38	48.5	9.5	9	30
76.5	50	56	9.5	8.5	28
80	50.8	59.9	9.6	10	37.5
97	65	70.5	12	12	50
100	65	73.7	12	15	50
115	76	84.3	12	12	50
120	76	90	12	15	50
125	80	93.7	16	15	37.5
148	94	112	15	14	62.5
152	100	111.4	16	17	75
194	125	145	20	24	50
230	150	170	22	26	75

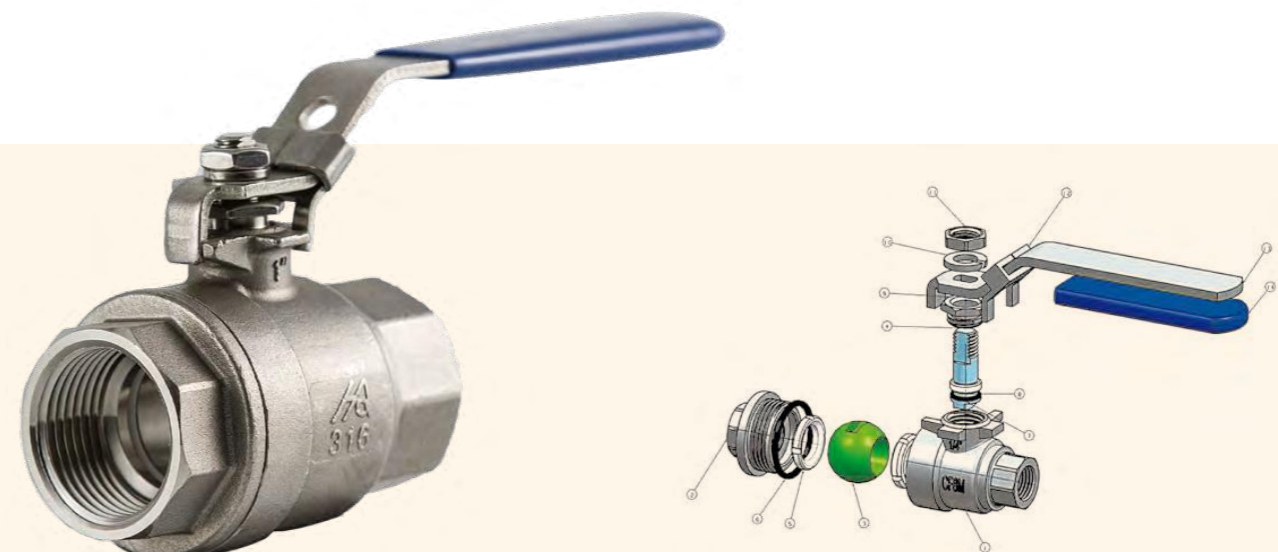


球阀系列 Ball Valve Series



Ball Valve

V2 两片式内螺纹球阀



主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

Size	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
DN	8	10	15	20	25	32	40	50	65	80	100
Φd	11.6	11.6	15	20	25	32	38	50	65	76	94
L	46.8	48.5	58	65.7	77	90	98	121	145	166	214
LO	105	105	105	128	128	158	158	194	248	248	330
H	44	44	48	61	62	79	86	90	118	126	176

产品规范

口径

螺纹连接标准: DIN2999

BSP NPT 等

主要材质: 316 CF8M 1.4408 WCB

304 CF8 等

压力: 1000PSI WOG

检验标准: API598

Product Specification

Full bore

Threaded ends:ANSI B2.1

BS 21,DIN259/2999 JIS

130202/130203Internal entry blow-out proof stem

Material: CF8M CF8 CF3M WCB

Pressure rating: 1000PSI WOG

Pressure test: API 598

Lever handle with locking device

主要零部件 Main Parts

14	V2-0014	Handle sleeve	Rubber	1
13	V2-0013	Handle	304	1
12	V2-0012	Stopper	304	1
11	V2-0011	Nut	304	1
10	V2-0010	Spring washer	304	1
9	V2-0009	Gland	304	1
8	V2-0008	Stem packing	PTFE	2
7	V2-0007	Thrust washer	PTFE	1
6	V2-0006	Gasket	PTFE	1
5	V2-0005	Seat	PTFE+3%GF	2
4	V2-0004	Stem	316	1
3	V2-0003	Ball	CF8M	1
2	V2-0002	Cap	CF8M	1
1	V2-0001	Body	CF8M	1
No.	Drawing No.	Name	Material	QTY

Ball Valve

V-2W 两片式内外螺纹球阀



主要外形尺寸和连接尺寸 (mm)
Main External and Connecting Dimensions(mm)

Size	Φd	L	LO	H
1/4	10.8	56.5	103	43.5
3/8	11.6	58.2	103	43.5
1/2	15	69	103	49
3/4	20	77.7	126	59.4
1	25	90.5	126	63
1-1/4	32	105.5	154	80
1-1/2	38	114.2	154	84
2	50	139.5	192	94

主要零部件 Main Parts

No.	Drawing No.	Name	Material	QTY
14	V2W-0014	Handle sleeve	Rubber	1
13	V2W-0013	Handle	304	1
12	V2W-0012	Locker	304	1
11	V2W-0011	Nut	304	1
10	V2W-0010	Spring washer	304	1
9	V2W-0009	Gland	304	1
8	V2W-0008	Stem packing	PTFE	2
7	V2W-0007	Thrust washer	PTFE	1
6	V2W-0006	Gasket	PTFE	1
5	V2W-0005	Seat	PTFE+3%GF	2
4	V2W-0004	Stem	316	1
3	V2W-0003	Ball	316	1
2	V2W-0002	Cap	CF8M	1
1	V2W-0001	Body	CF8M	1

Ball Valve

V2M两片式内螺纹球阀 (高平台)



主要外形尺寸和连接尺寸 (mm)
Main External and Connecting Dimensions(mm)

2.5	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2-1/2	3	4
Φd	11	12.7	15	20	25	32	40	50	62	76	94
L	49.5	49.5	55	70.5	82.5	90.8	103	120	152	172	220
LO	110	110	110	136	136	158	203	203	324	324	324
H	62	62	64	72	74	87	98	106	140	149	165
H1	9.5	9.5	9	11.2	11	15	15	15	19	19	19
H2	36	36	38	41.5	44.4	54	59.5	67	98	107.5	123.5
E	9	9	9	11	11	14	14	14	17	17	17
B	38	38	42	50	50	66	66	66	93	93	93
ISO 5211	F03	F03	F03 F04	F04 F05	F04 F05	F05 F07	F05 F07	F05 F07	F7 F10	F7 F10	F7 F10

主要零部件 Main Parts

No.	Drawing No.	Name	Material	QTY
19	V2M-0019	Stopper	304	1
18	V2M-0018	Flat washer	304	1
17	V2M-0017	Handle sleeve	Rubber	1
16	V2M-0016	Handle lock	304	1
15	V2M-0015	Handle	304	1
14	V2M-0014	Stopper washer	304	1
13	V2M-0013	Lock washer	304	1
12	V2M-0012	Nut	304	2
11	V2M-0011	Butterfly pad	301	2
10	V2M-0010	Gland	304	1
9	V2M-0009	Stem packing	PTFE	1
8	V2M-0008	O ring	Viton	1
7	V2M-0007	Thrust washer	PTFE+15% Graphite	1
6	V2M-0006	Gasket	PTFE	1
5	V2M-0005	Seat	PTFE+3% GF	2
4	V2M-0004	Stem	316	1
3	V2M-0003	Ball	CF8M	1
2	V2M-0002	Cap	CF8M	1
1	V2M-0001	Body	CF8M	1

产品规范

通径 ISO5211

螺纹连接标准: DIN2999 BSP NPT 等

主要材质: 316 CF8M 1.4408 WCB 304 CF8 等

压力: 1000PSI WOG

检验标准: API598

Product Specification

Full bore ISO5211

Threaded ends: ANSI B2.1 BS 21, DIN259/2999

JIS 130202/130203

Internal entry blow-out proof stem

Material: CF8M CF8 CF3M WCB

Pressure rating: 1000PSI WOG

Pressure test: API 598

Lever handle with locking device

产品规范

通径

螺纹连接标准: DIN2999 BSP NPT 等

主要材质: 316 CF8M 1.4408 WCB

304 CF8 等

压力: 1000PSI WOG

检验标准: API598

Product Specification

Full bore

Threaded ends: ANSI B2.1 BS 21, DIN259/2999

JIS 130202/130203

Internal entry blow-out proof stem

Material: CF8M CF8 CF3M WCB

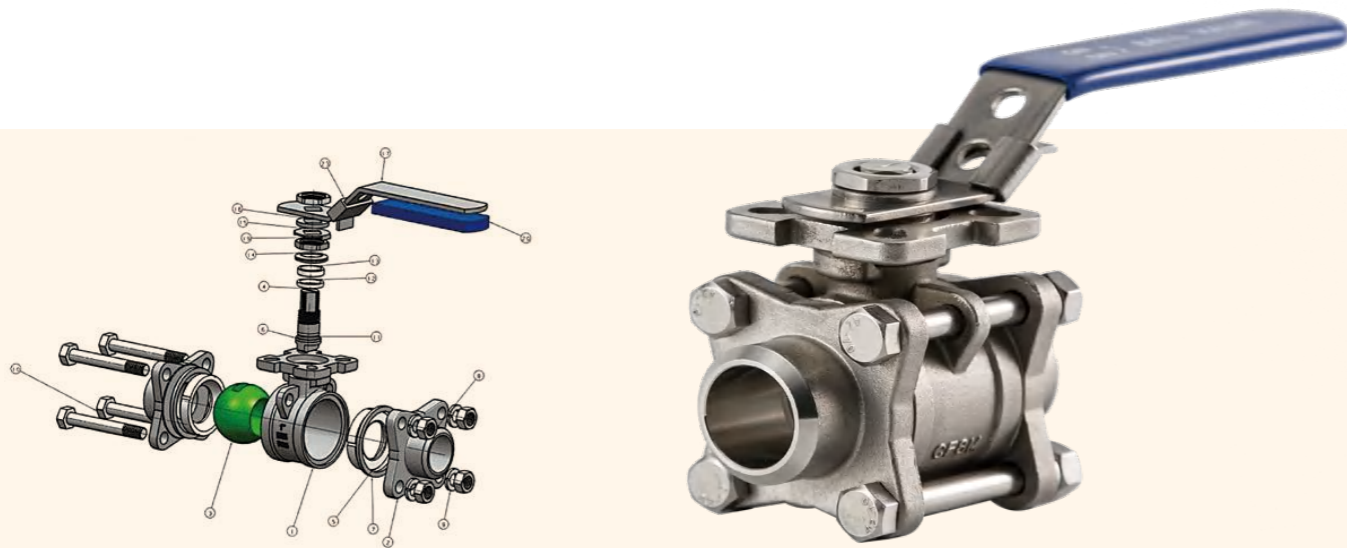
Pressure rating: 1000PSI WOG

Pressure test: API 598

Lever handle with locking device

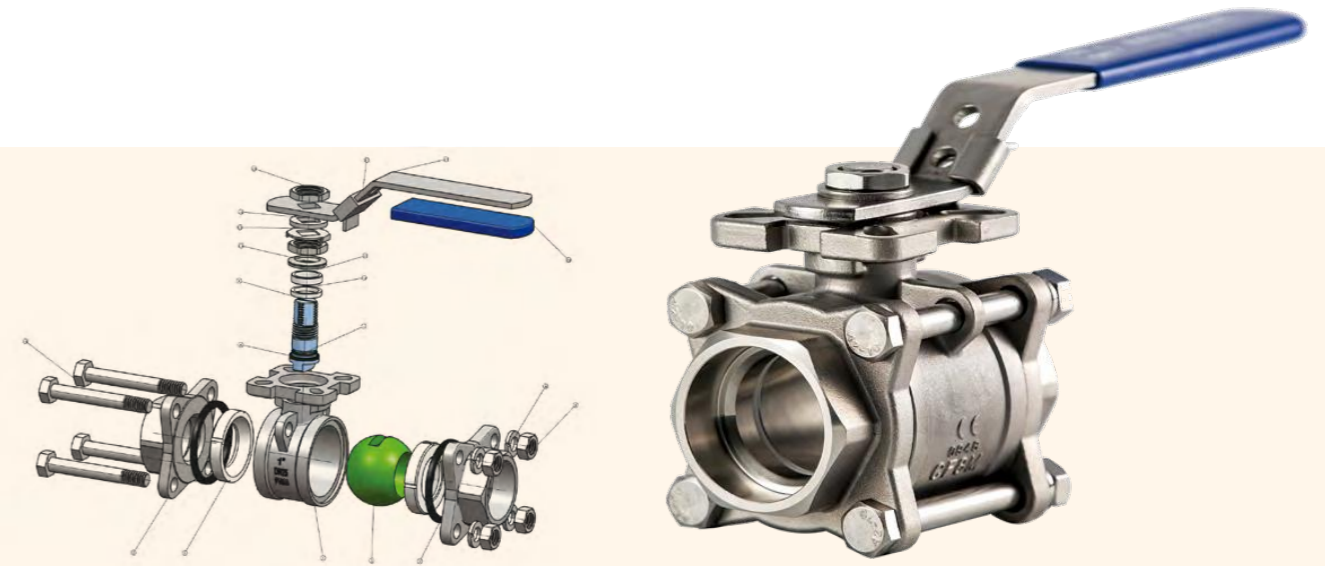
Ball Valve

V-3MB 三片式对焊球阀 (高平台)



Ball Valve

V-3MS 三片式承插焊球阀 (高平台)



主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
Φd	11	12.7	15	20	25	32	40	50	65	80	100
L	47.6	47.6	55	73.6	81	91	103	120	155	182	228.4
Ll	112	112	112	138	138	160	205	205	252	252	324
H	61	61	62	70	74	86	92	99	147	158	172
B	11	11	12	11	11	15	15	15	20	20	20
ISO5211	F03		F03 F04	F04-F05			F05-F07			F07-F10	

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
Φd	11	12.7	15	20	25	32	40	50	65	80	100
L	47.6	47.6	55	73.6	81	91	103	120	155	182	218.4
Ll	112	112	112	138	138	160	205	205	252	252	324
H	61	61	62	70	74	86	92	99	147	158	172
B	11	11	12	11	11	15	15	15	20	20	20
ΦS	14.2	17.6	21.7	27.1	33.8	42.6	48.8	61.1	73.8	89.8	115.5
L2	10	10	10	14	14	15	15	19	21	24	35
ISO 5211	F03		F03 F04	F04-F05			F05-F07			F07-F10	

主要零部件 Main Parts

24	V3M-0024	Locker	304	1
23	V3M-0023	Spring washer	304	1
22	V3M-0022	Nut	304	1
21	V3M-0021	Bolt	304	1
20	V3M-0020	Handle sleeve	Rubber	1
19	V3M-0019	Nut	304	2
18	V3M-0018	Flat ring	304	1
17	V3M-0017	Handle	304	1
16	V3M-0016	Square washer	304	1
15	V3M-0015	Lock washer	304	1
14	V3M-0014	Butterfly washer	301	2
13	V3M-0013	Gland	304	1
12	V3M-0012	Stem packing	PTFE	1
11	V3M-0011	O ring	Viton	1
10	V3M-0010	Spring washer	304	4
9	V3M-0009	Nut	304	4
8	V3M-0008	Bolt	304	4
7	V3M-0007	Gasket	PTFE+15% Graphite	2
6	V3M-0006	Thrust washer	PTFE+15% Graphite	1
5	V3M-0005	Seat	PTFE+3% GF	2
4	V3M-0004	Stem	316	1
3	V3M-0003	Ball	CF8M	1
2	V3MB-0002	Cap	CF8M	2
1	V3M-0001	Body	CF8M	1
No.	Drawing No.	Name	Material	QTY

◎产品规范

口径 ISO5211

连接标准: 对焊

主要材质: 316 CF8M 1.4408 WCB 304 CF8 等

压力: 1000PSI WOG

检验标准: API598

◎ Product Specification

Full bore ISO5211

Connection standard: Internal entry blow-out proof stem

Material: CF8M CF8 CF3M WCB

Pressure rating: 1000PSI WOG

Pressure test: API 598

Lever handle with locking device

主要零部件 Main Parts

24	V3M-0024	Locker	304	1
23	V3M-0023	Spring washer	304	1
22	V3M-0022	Nut	304	1
21	V3M-0021	Bolt	304	1
20	V3M-0020	Handle sleeve	Rubber	1
19	V3M-0019	Nut	304	2
18	V3M-0018	Flat ring	304	1
17	V3M-0017	Handle	304	1
16	V3M-0016	Square washer	304	1
15	V3M-0015	Lock washer	304	1
14	V3M-0014	Butterfly washer	301	2
13	V3M-0013	Gland	304	1
12	V3M-0012	Stem packing	PTFE	1
11	V3M-0011	O ring	Viton	1
10	V3M-0010	Spring washer	304	4
9	V3M-0009	Nut	304	4
8	V3M-0008	Bolt	304	4
7	V3M-0007	Gasket	PTFE+15% Graphite	2
6	V3M-0006	Thrust washer	PTFE+15% Graphite	1
5	V3M-0005	Seat	PTFE+3% GF	2
4	V3M-0004	Stem	316	1
3	V3M-0003	Ball	CF8M	1
2	V3MS-0002	Cap	CF8M	2
1	V3M-0001	Body	CF8M	1
No.	Drawing No.	Name	Material	QTY

◎产品规范

口径 ISO5211

连接标准: 承插焊

主要材质: 316 CF8M 1.4408 WCB 304 CF8 等

压力: 1000PSI WOG

检验标准: API598

◎ Product Specification

Full bore ISO5211

Connection standard: socket weld

Material: CF8M CF8 CF3M WCB

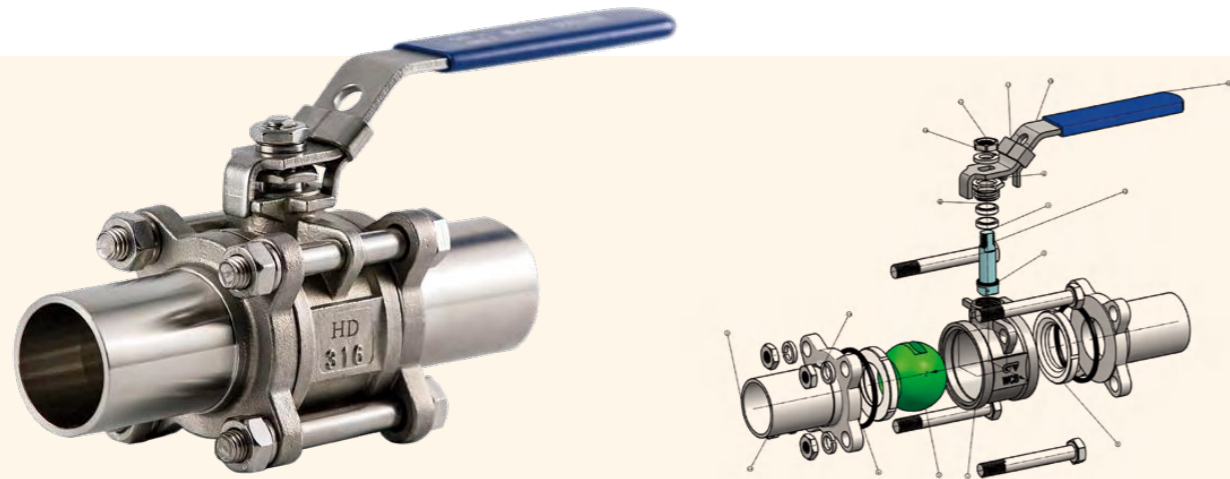
Pressure rating: 1000PSI WOG

Pressure test: API 598

Lever handle with locking device

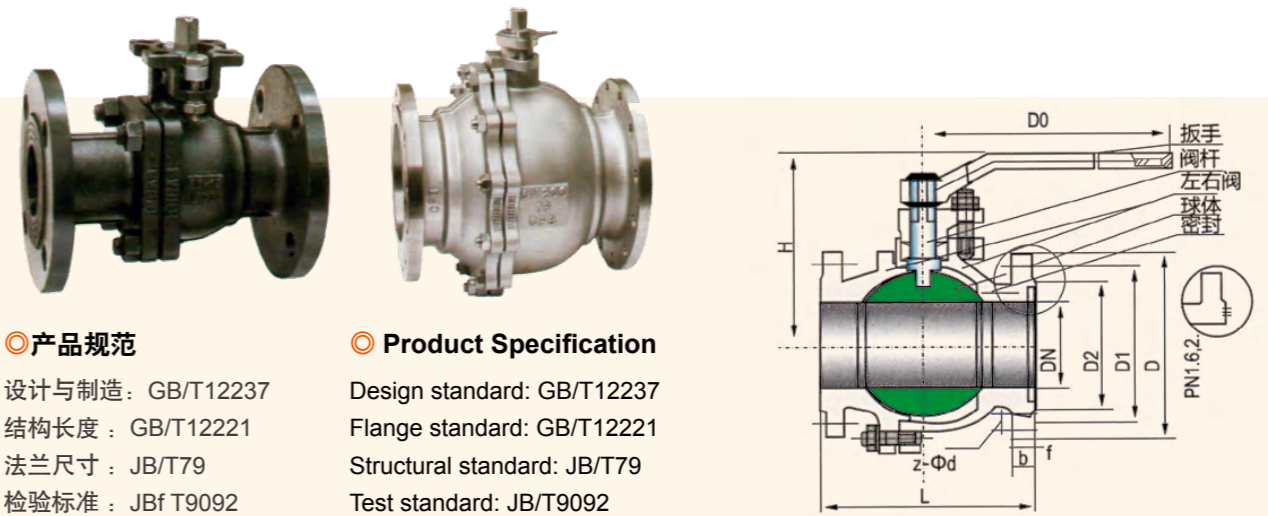
Ball Valve

V-3BL 三片式焊接球阀



GB Ball Valve

国标球阀（软密封 / 硬密封）



产品规范

设计与制造：GB/T12237
结构长度：GB/T12221
法兰尺寸：JB/T79
检验标准：JB/T9092

Product Specification

Design standard: GB/T12237
Flange standard: GB/T12221
Structural standard: JB/T79
Test standard: JB/T9092

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
Φd	11	12	15	20	25	32	40	50	65	75	100
H	42.5	42.5	49.6	58.1	61.3	78.3	82.5	90.9	114.5	124	176
LO	101.5	101.5	101.5	124	124	152	152	190	242	242	327
L	50.4	50.4	61.4	70.2	79.6	93	102	124.2	156.2	179.2	218.4

产品规范

口径
连接标准：对焊
主要材质：316 CF8M 1.4408 WCB 304 CF8 等
压力：1000PSI WOG
检验标准：API598

Product Specification

Full bore
Connection standard: Internal entry blow-out proof stem
Material: CF8M CF8 CF3M WCB
Pressure rating: 1000PSI WOG
Pressure test: API 598
Lever handle with locking device

主要零部件 Main Parts

17	V3-0017	Lock washer	304	1
16	V3-0016	Handle sleeve	Rubber	1
15	V3-0015	Handle	304	1
14	V3-0014	Nut	304	4
13	V3-0013	Spring washer	304	4
12	V3-0012	Bolt	304	4
11	V3-0011	Nut	304	1
10	V3-0010	Spring washer	304	1
9	V3-0009	Gland	304	1
8	V3-0008	Stem packing	PTFE	2
7	V3-0007	Thrust washer	PTFE	1
6	V3-0006	Gasket	PTFE	2
5	V3-0005	Seat	PTFE+3% GF	2
4	V3-0004	Stem	316	1
3	V3-0003	Ball	CF8M	1
2	V3-0002	Cap	CF8M	2
1	V3-0001	Body	CF8M	1
No.	Drawing No.	Name	Material	QTY

试验压力 Test Pressure

实验项目 Test Item	壳体试验 Shell Test	密封试验 Seal Test	气密封试验 Air Seal Test
介质 Medium	水 Water		气 Air
公称压力 Nominal Pressure PN(MPa)	1.6	2.4	1.8
	2.5	3.8	2.8
	4.0	6.0	4.4
	6.4	9.6	7.0

主要零部件材料 Materials for Main Parts

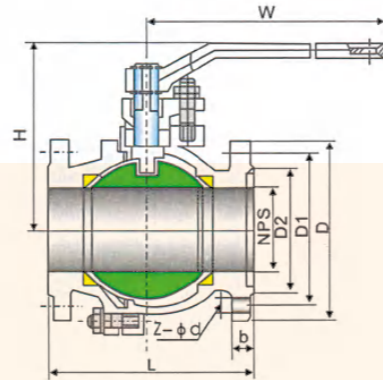
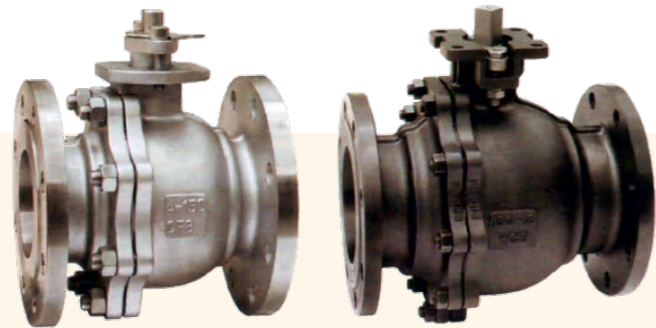
名称 Name	材料 Material			
阀体 Body/ 阀盖 Bonnet	CF8	CF8M	CF3M	WCB
球体 Ball	304	316	316L	304
阀杆 Stem	F304	F316	F316L	2CR13
阀座 Seat	PTFE/PPL/ 合金钢 Alloy steel			
填料 Packing/ 垫片 Gasket	PTFE/PPL/ 石墨 Graphite			
螺栓 Bolt	不锈钢 Stainless Steel			35CrMoA
螺母 Nut	不锈钢 Stainless Steel			45, 35CrMoA
手柄 Handle	铸钢 Cast Steel			

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

公称口径	L	D	D1	D2	H	b-f	z-Φd	D0
Q41F-16P								
15	130	95	65	45	60	14-2	4-Φ14	108
20	140	105	75	55	64	14-2	4-Φ14	120
25	150	115	85	65	90	14-2	4-Φ14	165
32	165	135	100	78	105	16-2	4-Φ18	180
40	180	145	110	85	150	16-3	4-Φ18	240
50	200	180	145	100	190	16-3	4-Φ18	240
65	220	180	145	120	195	18-3	4-Φ18	320
80	250	195	160	135	215	20-3	8-Φ18	350
100	280	215	180	155	250	20-3	8-Φ18	400
125	320	245	210	185	280	22-3	8-Φ18	500
150	360	280	240	210	320	24-3	8-Φ23	600
200	400	335	295	265	370	26-3	12-Φ23	800
250	530	405	355	319	-	26-2	12-Φ26	-
300	610	460	410	375	-	28-2	12-Φ26	-

ANSI Ball Valve (150LB\300LB)

美标球阀



特点

1. 全口径, 浮动/固定球
2. 中法兰螺栓连接
3. 防冲出阀杆
4. 防火防静电结构
5. 美标结构改进型
6. 启闭定位机构
7. 蜗轮操作选配
8. 标准法兰连接

Feature

1. Full port, floating or trunion mounte type
2. Bolted bonnet
3. Blow out proof stem
4. Fire durable and anti static safety
5. Structure improve on api
6. Opening and closing position
7. Available with wormgear operator
8. Flanged ends

试验压力 Test Pressure

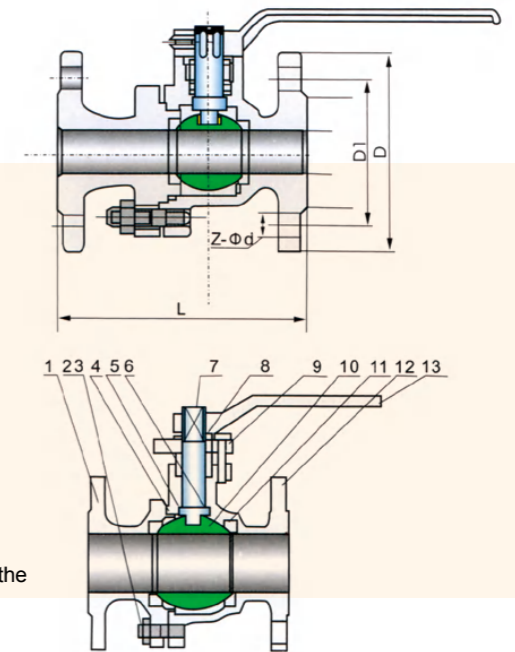
设计规范 Design Speccification	结构长度 Face to Face	连接法兰 Flange End	试验与检验 Test&Check	产品标识 Marking	供货规范 Supply
ANSI600	ANSI B16.10	ANSI B16.5	ANSI598	MSS SP-25	ANSI608
ANSI6D	ANSI6D		ANSI6D	ANSI6D	ANSI6D

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

NPS	DN	Dimensions(mm) CN							
		L	D	D1	D2	b	Z-φd		
		Q41F-150Lb Q41F-150LbP		Q341F-150Lb Q341F-150LbP		Q641F-150Lb Q641F-150LbP		Q9B41F-150Lb Q9B41F-150LbP	
1/2"	15	108	90	60.5	35	11.5	4-15		
3/4"	20	117	100	70	43	11.5	4-15		
1"	25	127	110	79.5	51	12	4-15		
1-1/4"	32	140	115	89	64	13	4-15		
1-1/2"	40	165	125	98.5	73	15	4-15		
2"	50	178	150	120.5	92	16	4-19		
2-1/2"	65	190	180	139.5	105	18	4-19		
3"	80	203	190	152.5	127	19	4-19		
4"	100	229	230	190.5	157	24	8-19		
5"	125	356	255	216	186	24	8-22		
6"	150	394	280	241.5	216	26	8-22		
8"	200	457	345	298.5	270	29	8-22		
10"	250	533	405	362	324	31	12-25		
12"	300	610	485	432	381	32	12-25		
		Q41F-300Lb Q41F-300LbP		Q341F-300Lb Q341F-300LbP		Q641F-300Lb Q641F-300LbP		Q9B41F-300Lb Q9B41F-300LbP	
1/2"	15	140	95	66.5	35	14.5	4-15		
3/4"	20	152	115	82.5	43	16	4-19		
1"	25	165	125	89	51	17.5	4-19		
1-1/4"	32	178	133	98.5	64	19.5	4-19		
1-1/2"	40	190	155	114.5	73	21	4-22		
2"	50	216	165	127	92	22.5	8-19		
2-1/2"	65	241	190	149	105	25.5	8-22		
3"	80	282	210	168.5	127	29	8-22		
4"	100	305	255	200	157	32	8-22		
5"	125	381	280	235	186	35	8-22		
6"	150	403	320	270	216	37	12-22		
8"	200	502	380	330	270	41.5	12-25		

JIS Ball Valve (10K)

日标球阀



产品规范

设计标准: BS 5351
法兰标准: JIS B1212 82214
试验标准: JIS B 2003

Product Specification

Design standard: BS 5351
Flange standard: JIS B1212 82214
Test standard: JIS B 2003

用途和性能规范

本阀适用于工作温度 ≤ 150°C 的水、蒸汽或油类介质的管路上, 用来转换流向及接通或截断路中介质。

Use and specifications

The valve is applied In the pipes with the media such as water, steam and oil with the working temperature less than or equal to 150°C to change the flowdirection and connect or cut off the media in pipes

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

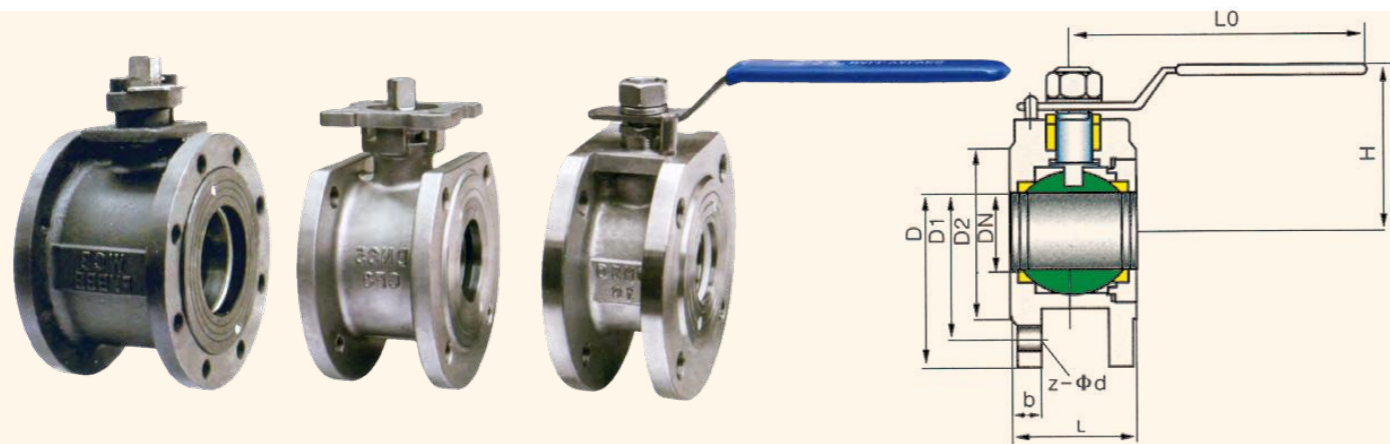
		日标 JAPANESE Standard10													
公称通径 DN	尺寸														
	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A	
	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	
尺寸 (mm)	L	108	117	127	140	165	178	190	203	229	356	394	457	533	610
	D	95	100	125	135	140	155	175	185	210	250	280	330	400	445
	D1	70	75	90	100	105	120	140	150	175	210	240	290	355	400
	Z-φd	4*15	4*15	4*19	4*19	4*19	4*19	4*19	8*19	8*19	8*23	8*23	12*23	12*23	12*23

主要零部件材料 Materials for Main Parts

No.	零件名称 Accessoryname	材料 Material		
1	阀体 Body	A216WCB	SCS13	SCS13
2	螺母 Nuts	A1942H	A194-8	A194-8
3	螺栓 Bolts	A1932B	A193-B8	A193-B8
4	垫片 Gasket	PTFE	PTFE	PTFE
5	止推垫片 ThrustWasher	PTFE	PTFE	PTFE
6	填料 Packing	PTFE	PTFE	PTFE
7	阀杆 stem	A182-F304	304SS	316SS
8	定位块 Lockpiece	A36	304SS	316SS
9	压盖 GlandBush	A216-WCB	SCS13	SCS14
10	球体 Ball	A182-F304	304SS	316SS
11	阀座 Seat	PTFE	PTFE	PTFE
12	阀盖 Cover	A216-WCB	SCS13	SCS13
13	手柄 Lever	WCB	WCB	WCB

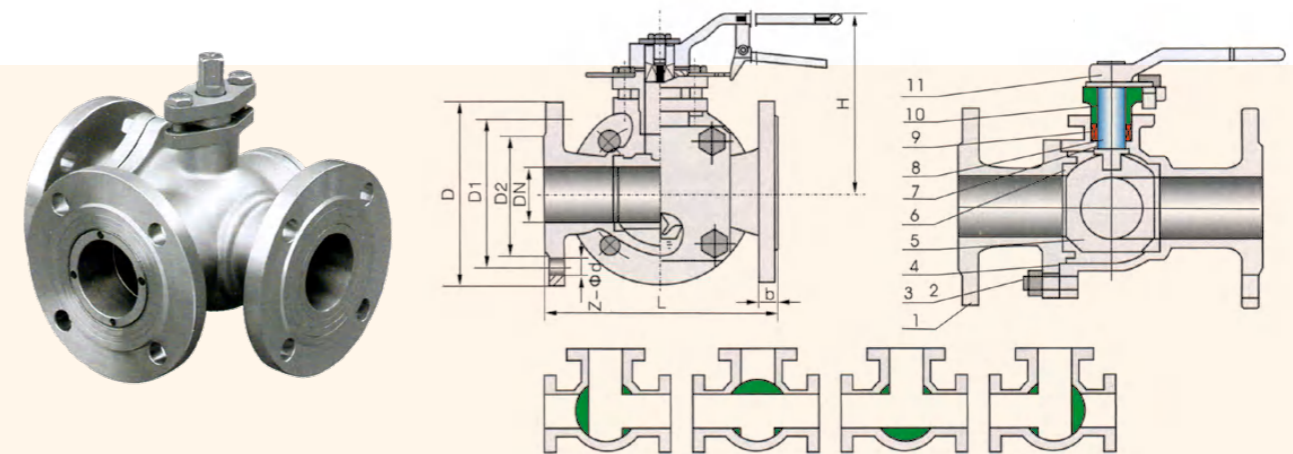
Q71F Thin Ball Valve

Q71F 薄型球阀



Q45F (T-TYPE) Three-way Ball Valve

Q45F(T 型)三通球阀



主要性能参数 Main Performance Parameters

型号 Model	PN	工作压力 MPa Working pressure	适用温度 / Applicable temperature	适用介质 Applicable medium	材料 Material				
					阀门 Valve Bonnet	阀杆 Stem	球体 Ball	密封圈 Seal ring	填料 Packing
Q71F-16P	16	1.6	聚四氟乙烯; ≤150; 对位聚苯; ≤250	硝酸类	CFB/304	304	304	聚四氟乙烯、增加聚四氟乙烯、对位聚苯	聚四氟乙烯 柔性石墨 PTFE, flexible graphite
Q71F-25P	25	2.5		硝酸类	CFB/304	304	304		
Q71F-16R	16	1.6		硝酸类	CF3M/316L	316L	316L		
Q71F-25R	25	2.5		硝酸类	CF3M/316L	316L	316L		
Q71F-16Ti	16	1.6		氧化腐蚀性 介质	ZTA2/TA2	TC4	TA2		
Q71F-25Ti	25	2.5		氧化腐蚀性 介质	ZTA2/TA2	TC4	TA2		

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

公称通径	L	D	D1	D2	b	z-φd	H
PN1.6MPa							
15	35	95	65	45	—	4-φ12	80
20	38	105	75	55	—	4-φ12	85
25	45	115	85	65	14	4-φ12	95
32	50	135	100	78	18	4-φ16	100
40	60	145	110	85	18	4-φ16	105
50	70	160	125	100	18	4-φ16	115
65	95	180	145	120	18	4-φ16	130
80	118	195	160	135	20	8-φ16	145
100	140	215	180	155	20	8-φ16	175
125	200	245	210	185	22	8-φ16	190
150	225	280	240	210	22	8-φ20	220
200	275	335	295	265	24	8-φ20	260

产品规范

设计标准: GB/ T12237-1989, DIN 3357/1, API 608
 法兰标准: GB/T9113.1, JB/T 79, DIN 3202, JIS B2002, ASME B16.10
 结构标准: GB/T12221-1989, DIN 3202, JIS B2002, ASME 16.10
 检验标准: GB/T13927 DIN 3230/3, API 598 JIS B 2003

Product Specification

Design standard: GB/ T12237-1989, DIN 3357/ 1, API 608
 Flange standard: GB/ T9113.1, JB/T 79, DIN 3202, JIS B2002, ASME B16.10
 Structural standard: GB/T12221-1989, DIN 3202, JIS B2002, ASME16.10
 Test standard: GB/ T13927 DIN 3230/ 3, API 598 JIS B 2003

用途和性能规范

本阀适用于工作温度≤150℃的水、蒸汽或油类介质的管路上, 用来转换流向及接通或截断路中介质。

Use and specifications

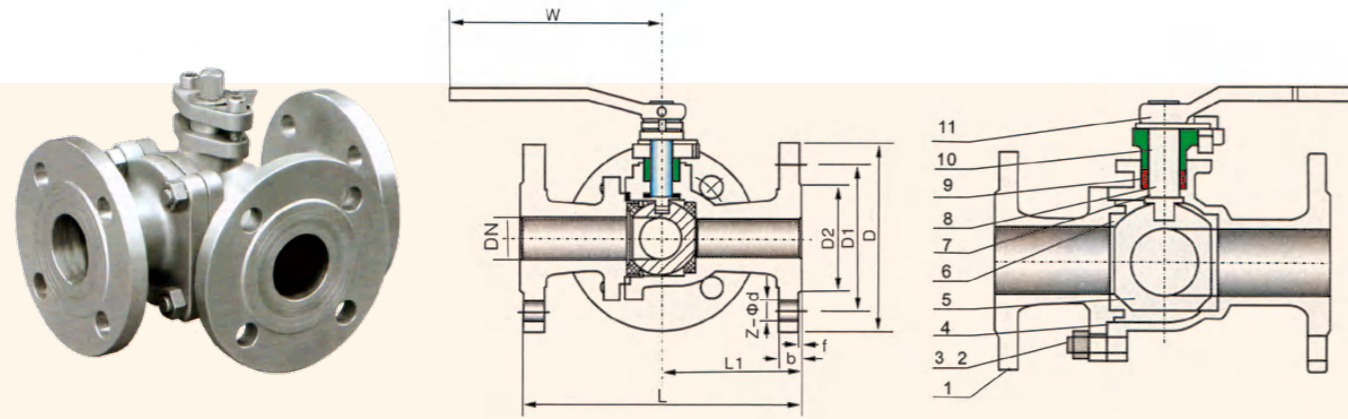
The valve is applied in the pipes with the media such as water, steam and oil with the working temperature less than or equal to 150℃ to change the flow direction and co-nnect or cut off the media in pipes

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

国标 GB STANDARD(PN1.6MPa)														
公称通径 DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
尺寸 (mm)	L	150	160	180	200	220	240	260	280	320	380	440	550	670
	D	95	105	115	135	145	160	180	195	215	245	280	335	405
	D1	65	75	85	100	110	125	145	160	180	210	240	295	355
	Z-φD	4-14	4-14	4-18	4-18	4-18	4-18	4-18	8-18	8-18	8-18	8-23	12-23	12-23
日标 JIS STANDARD(10K)														
尺寸 (mm)	L	150	160	180	200	220	240	260	280	320	380	440	550	670
	D	95	100	125	135	140	155	175	185	210	250	280	330	400
	D1	70	75	90	100	105	120	140	150	175	210	240	290	355
	Z-φD	4-15	4-15	4-19	4-19	4-19	4-19	4-19	8-19	8-19	8-23	8-23	12-23	12-23
美标 ANSI STANDARD(150Lb)														
尺寸 (mm)	L	150	160	180	200	220	240	260	280	320	380	440	550	670
	D	89	98	108	117	127	152	178	190	229	254	279	343	406
	D1	60.5	70	79.5	89	98.5	121	140	153	191	216	242	299	362
	Z-φD	4-15	4-15	4-15	4-15	4-15	4-19	4-19	4-19	8-19	8-22	8-22	8-22	12-25

Q44F (L-TYPE) Three-way Ball Valve

Q44F(L 型) 三通球阀



产品规范

设计标准: GB/T12237-1989, DIN 3357/1, API 608
 法兰标准: GB/T9113.1, JB/T 79, DIN 3202, JIS B2002, ASME B16.10
 结构标准: GB/T12221-1989, DIN 3202, JIS B2002, ASME 16.10
 检验标准: GB/T13927 DIN 3230/3, API 598 JIS B 2003

Product Specification

Design standard: GB/T12237-1989, DIN 3357/1, API 608
 Flange standard: GB/T9113.1, JB/T 79, DIN 3202, JIS B2002, ASME B16.10
 Structural standard: GB/T12221-1989, DIN 3202, JIS B2002, ASME 16.10
 Test standard: GB/T13927 DIN 3230/3, API 598 JIS B 2003

用途和性能规范

本阀适用于工作温度 $\leq 150^{\circ}\text{C}$ 的水、蒸汽或油类介质的管路上, 用来转换流向及接通或截断路中介质。

Use and specifications

The valve is applied in the pipes with the media such as water, steam and oil with the working temperature less than or equal to 150°C to change the flow direction and connect or cut off the media in pipes

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

国标 GB STANDARD(PN1.6MPa)															
公称通径 DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300	
尺寸 (mm)	L	150	160	180	200	220	240	260	280	320	380	440	550	670	720
	D	95	105	115	135	145	160	180	195	215	245	280	335	405	460
	D1	65	75	85	100	110	125	145	160	180	210	240	295	355	410
	Z-φD	4-14	4-14	4-18	4-18	4-18	4-18	4-18	8-18	8-18	8-18	8-23	12-23	12-25	12-25
日标 JIS STANDARD(10K)															
尺寸 (mm)	L	150	160	180	200	220	240	260	280	320	380	440	550	670	720
	D	95	100	125	135	140	155	175	185	210	250	280	330	400	445
	D1	70	75	90	100	105	120	140	150	175	210	240	290	355	400
	Z-φD	4-15	4-15	4-19	4-19	4-19	4-19	4-19	8-19	8-19	8-23	8-23	12-23	12-23	16-25
美标 ANSI STANDARD(150Lb)															
尺寸 (mm)	L	150	160	180	200	220	240	260	280	320	380	440	550	670	720
	D	89	98	108	117	127	152	178	190	229	254	279	343	406	483
	D1	60.5	70	79.5	89	98.5	121	140	153	191	216	242	299	362	432
	Z-φD	4-15	4-15	4-15	4-15	4-15	4-19	4-19	4-19	8-19	8-22	8-22	8-22	12-25	12-25

闸阀系列 Gate Valve Series



GB Gate Valve

国标闸阀

ANSI Gate Valve (Class-150Lb)

美标闸阀

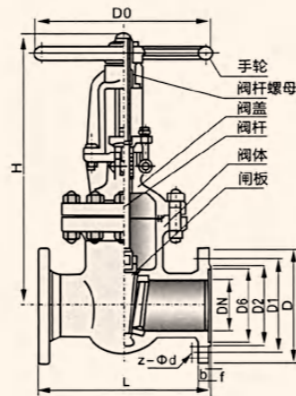


产品规范

设计与制造: GB/T12234
 结构长度: GB/T12221
 法兰尺寸: JB/T79
 检验标准: JB/T9092

Product Specification

Design standard: GB/T12234
 Flange standard: GB/T12221
 Structural standard: JB/T79
 Test standard: JB/T9092

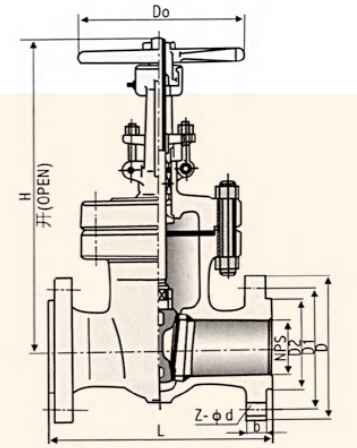


特点

1. 全通径, 明杆带支架
2. 中法兰螺栓连接
3. 带导向的弹性闸板
4. 阀杆升降, 手轮不升降
5. 伞齿轮操作选配
6. 标准法兰连接
7. 对焊连接

Feature

1. Full port, outside screw and yoke(os&y)
2. Bolted bonnet
3. Flexible wedge, fully guided
4. Rising stem and non-rising handwheel
5. Avail able with gear operator
6. Flanged ends
7. Butt-welding ends



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	压力-温度 Pressure-Temp	产品标识 Marking	供货规范 Supply
ANSI600	ANSI B16.10	ANSI B16.5	ANSI598	ANSI 816.34	ANSI6D	ANSI600
ANSI6D	ANSI6D		ANSI6D			MSS SP-25

材料列表 Material List

零件名称 Accessoryname	材料 Material			
阀体, 阀盖 Body/Bonnet	A216-WCB	A217-WC6	A352-LCB	A351-CF8M
闸板 Wedge	A216-WCB	A217-WC6	A352-LCB	A351-CF8M
阀杆 Stem	A182-F6a	A182-F11	A182-F6a	A182-F316
填料 Packing	柔性石墨 / Flexible Graphite			聚四氟乙烯 / PTFE
垫片 Gasket	18-8 柔性石墨 / 18-8Flexible Graphite			
螺栓 Bolt	A193-B7	A193-B7	A193-B7M	A193-B8
适用温度 Suitable Temp.	-29 ~ 425°C	-29 ~ 550°C	-46 ~ 350°C	-40 ~ 200°C
适用介质 Suitable Medium	水、油品、蒸汽 Water,Oil,Steam	蒸汽、油品 Steam,Oil	丙烷、乙烯 Steam, Oil	硝酸类 Nitric Acid

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

NPS	DN	Dimensions(mm) CN							
		L	D	D1	D2	b	z-φd	H	Do
		Z40H-150Lb (Body:WCB)	Z40W-150LbP (Body:CF8)	Z40Y-150Lb (Body:CF8)	Z40Y-150LbR (Body:CF8M)	Z40Y-150LbRL (Body:CF3)	Z40Y-150LbRL (Body:CF3M)		
1/2"	15	108	89	60.5	35	11.5	4-15	155	900
3/4"	20	117	98	70	43	11.5	4-15	160	900
1"	25	127	108	79.5	51	12	4-15	200	100
1-1/4"	32	140	117	89	64	13	4-15	245	180
1-1/2"	40	165	127	98.5	73	15	4-15	285	200
2"	50	178	152	120.5	92	16	4-19	323	200
2-1/2"	65	190	178	139.5	105	18	4-19	347	250
3"	80	203	190	152.5	127	19	4-19	383	250
4"	100	229	229	190.5	157	24	8-19	457	300
5"	125	254	254	216	186	24	8-22	632	300
6"	150	267	279	241.5	216	26	8-22	635	350
8"	200	292	343	298.5	270	29	8-22	762	350
10"	250	330	406	362	324	31	12-25	895	400
12"	300	356	483	432	381	32	12-25	1080	500
14"	350	381	533	476	413	35	12-29	1295	600
16"	400	406	597	540	470	37	16-29	1435	600
18"	450	432	635	578	533	40	16-32	1626	650
20"	500	457	699	635	584	43	20-32	1829	650
24"	600	508	813	749.5	692	48	20-35	2175	700

试验压力 Test Pressure

实验项目 Test Item	壳体试验 Shell Test	密封试验 Seal Test	上密封试验 Back Seal Test	气密封试验 Air Seal Test
介质 Medium	水 Water			气 Air
公称压力 Nominal Pressure PN(MPa)	1.6	2.4	1.8	0.6
	2.5	3.8	2.8	
	4.0	4.4	4.4	
	6.4	7.0	7.0	

主要零部件材料 Materials for Main Parts

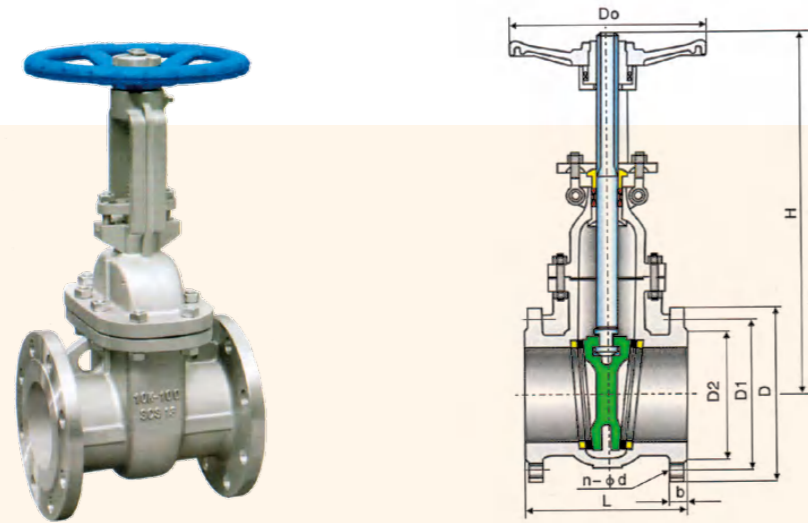
名称 Name	材料 Material			
阀体 Body/ 阀盖 Bonnet	CF8	CF8M	CF3M	WCB
闸板 Wedge	CF8	CF8M	CF3M	WCB
压盖 Gland	CF8	CF8M	CF3M	WCB
阀杆 Stem	F304	F316	F316L	2CR13
阀杆螺母 Stem Nut	铝青铜 Aluminium Bronze			
填料 Packing/ 垫片 Gasket	PTFE/ 石墨 Graphite			
螺栓 Bolt	不锈钢 Stainless Steel	35CrMoA		
螺母 Nut	不锈钢 Stainless Steel	45, 35CrMoA		
手柄 Handle	铸钢 Cast Steel			

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

公称通径	L	D	D1	D2	b-f	z-φd	H	Do
PN1.6MPa								
15	130	95	65	45	14-2	4-φ14	170	120
20	150	105	75	55	16-2	4-φ14	190	140
25	160	115	85	65	16-2	4-φ14	205	160
32	180	135	100	78	16-2	4-φ18	270	180
40	200	145	110	85	16-2	4-φ18	310	200
50	250	160	125	100	20-2	4-φ18	358	240
65	265	180	145	120	20-2	4-φ18	375	240
80	280	195	160	135	20-2	8-φ18	435	280
100	300	215	180	155	22-2	8-φ18	500	300
125	325	245	210	185	22-2	8-φ18	614	320
150	350	280	240	210	24-2	8-φ23	674	360
200	400	335	295	265	24-2	12-φ23	818	400
250	450	405	355	320	26-2	12-φ26	969	450
300	500	460	410	375	28-2	12-φ26	1145	560
350	550	520	470	435	34-4	16-φ26	1280	640
400	600	580	525	485	36-4	16-φ30	1452	640
450	650	640	585	545	40-4	20-φ30	1541	750
500	700	705	650	608	44-4	20-φ34	1678	720
600	800	840	770	718	48-5	20-φ41	1874	800

JIS Gate Valve (10k\20k)

日标闸阀



截止阀系列 Globe Valve Series



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	压力-温度 Pressure-Temp
JIS B2073 B2083	JIS B2002	JIS B2212 B2214	JIS B2003	JIS B2073 B2083

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm) 明杆 Rod

DN		10K		
mm	in	L	H	D0
40	1 1/2"	165	250	160
50	2"	178	409	180
65	2 1/2"	190	535	200
80	3"	203	570	200
100	4"	229	590	220
125	5"	254	530.5	280
150	6"	267	630	300
200	8"	292	960	320
250	10"	330	1158	350
300	12"	356	1378	450
350	14"	381	1543	500
400	16"	406	1738	600
450	18"	432	1959	600
500	20"	457	2214	680
		20K		
40	1 1/2"	165	250	160
50	2"	216	480	200
65	2 1/2"	241	510	250
80	3"	283	580	280
100	4"	305	700	350
150	6"	403	940	400
200	8"	419	1190	450
250	10"	457	1390	500
300	12"	502	1600	500
350	14"	762	1750	600
400	16"	838	1900	600
450	18"	914	2320	650

GB Globe Valve

国标截止阀

主要特点:

1. 流线型, 明杆带支架
2. 中法兰螺栓连接
3. 活套连接阀瓣
4. 升降阀杆与手轮
5. 支架与阀盖一体式
6. 伞齿轮操作选配
7. 标准法兰连接

Chief features:

1. Streamline, outside screw and yoke
2. Bolted bonnet
3. Loose disc
4. Rising stem and handwheel
5. Yoke integral with bonnet
6. Available with gear operator
7. Flanged ends

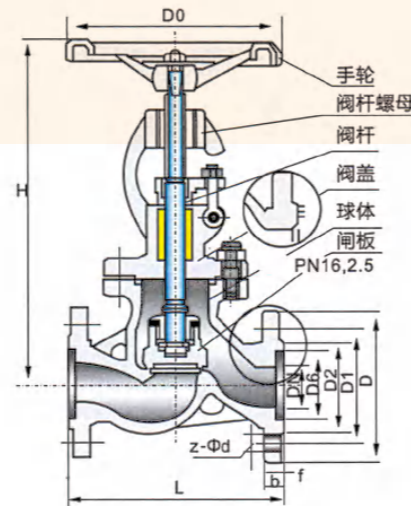


产品规范

设计与制造: GB/T12235
 结构长度: GB/T12221
 法兰尺寸: JB/T79
 检验标准: JB/T9092

Product Specification

Design standard: GB/T12235
 Flange standard: GB/T12221
 Structural standard: JB/T79
 Test standard: JB/T9092



试验压力 Test Pressure

实验项目 Test Item	壳体试验 Shell Test	密封试验 Seal Test	上密封试验 Back Seal Test	气密封试验 Air Seal Test
介质 Medium	水 Water			气 Air
公称压力 Nominal Pressure PN(MPa)	1.6	2.4	1.8	0.6
	2.5	3.8	2.8	
	4.0	6.0	4.4	
	6.4	9.6	7.0	

主要零部件材料 Materials for Main Parts

名称 Name	材料 Material			
阀体 Body / 阀盖 Bonnet	CF8	CF8M	CF3M	WCB
闸板 Wedge	CF8	CF8M	CF3M	WCB
压盖 Gland	CF8	CF8M	CF3M	WCB
阀杆 Stem	F304	F316	F316L	2CR13
阀杆螺母 Stem Nut	铝青铜 Aluminium Bronze			
填料 Packing / 垫片 Gasket	PTFE / 石墨 Graphite			
螺栓 Bolt	不锈钢 Stainless Steel			35CrMoA
螺母 Nut	不锈钢 Stainless Steel			45, 35CrMoA
手柄 Handle	铸钢 Cast Steel			

ANSI Globe Valve

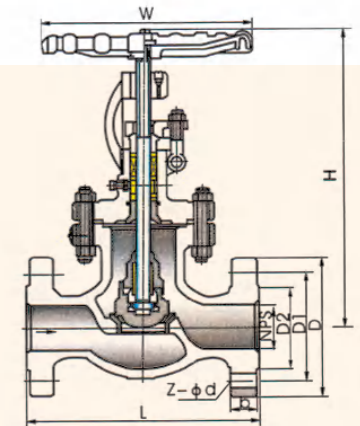
美标截止阀

主要特点:

1. 流线型, 明杆带支架
2. 中法兰螺栓连接
3. 活套连接阀瓣
4. 升降阀杆与手轮
5. 支架与阀盖一体式
6. 伞齿轮操作选配
7. 标准法兰连接

Chief features:

1. Streamline, outside screw and yoke
2. Bolted bonnet
3. Loose disc
4. Rising stem and handwheel
5. Yoke integral with bonnet
6. Available with gear operator
7. Flanged ends



产品规范 Product Specification

设计与制造 Desing And Manufacture	结构长度 Face to face	法兰尺寸 Flang Dimension	对焊连接尺寸 Butt welding dimension	压力-温度 Pressure Temperature Lating	试验-检验 Inspection and test
ANSI B16.34, BS1873	ANSI B16.10	ANSI B16.5a	ANSI B16.25	ANSI B16.34	ANSI598

主要零部件材料 Materials for Main Parts

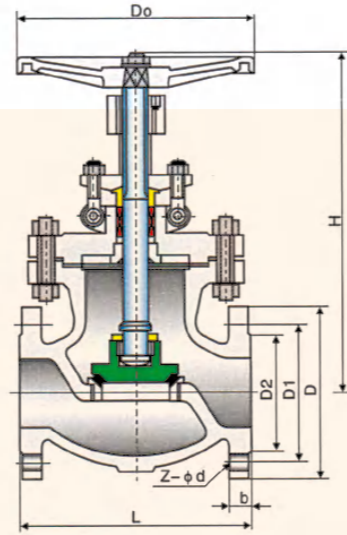
体、盖、瓣 Body Cover disc	阀杆 Stem	密封面 Sealing Face	垫片(环) Sealing shim	填料 Packing	工作温度(°C) Working temperature	适用介质 Suitable medium
WCB	2Cr13	13Cr STL 本体材料 With bodomateria	增强柔性石墨 13Cr/ 柔性石墨 Enhanced Flexible 1Cr13/Flexible graphite	柔性石墨 增强柔性石墨 Flesible graphite enhanced flexible	≤ 425	水、蒸气、油品 Water Steam Petroleum Products
WC1	38CrMoAl		08软钢 F304 F316 F304L F316L	graphite SFB-2 SFB/260 SFP/260 PTFE	≤ 450	
WC6	25Cr2Mov				≤ 540	
WC9					≤ 570	
C5C12	F304	尼龙 Nylor			≤ 540	硝酸、醋酸、尿素 Nitric acid Acetic acid
CF8	F316				≤ 600	
CF3	F304L					
CF8M	F304L					
CF3M	F316L					

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

规格 Size	L	D	D1	D2	b	z-φd	W	H
150LB								
1/2"	mm	108	90	60.5	35	12	4-φ15	169
3/4"	mm	117	98	70	43	12	4-φ15	180
1"	mm	127	108	79.5	51	12	4-φ15	190
1-1/4"	mm	140	117	89	63	13-1.6	4-φ15	240
1-1/2"	mm	165	127	98.5	73	14.3	4-φ16	347
2"	mm	203	152	120.5	92	15.9	4-φ19	356
2-1/2"	mm	216	178	139.5	105	17.5	4-φ19	381
3"	mm	241	190	152.4	127	19.1	4-φ19	413
4"	mm	292	229	190.5	157	24	8-φ19	500
5"	mm	356	254	216	186	24-1.6	8-φ22	550
6"	mm	406	279	241.5	216	25.4	8-φ22	656
8"	mm	495	343	298.5	270	29	8-φ22	775

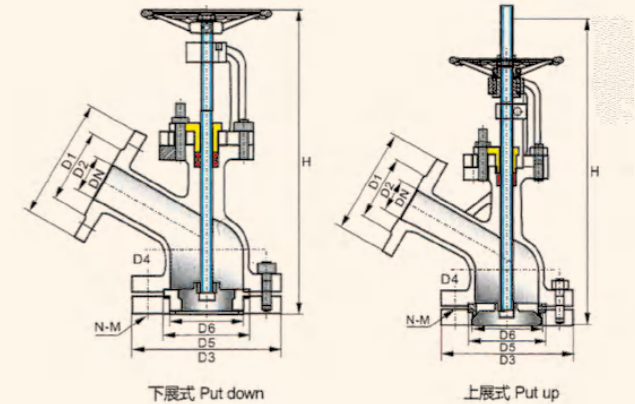
JIS Globe Valve (10k\20k)

目标截止阀



Put/Down Baiting Valve

上、下展式放料阀



执行标准 Adminidter Standard

设计与制造 Desing And Manufacture	结构长度 Face to face	法兰尺寸 Flang Dimension	压力-温度 Pressure Temperature Lating	试验-检验 Inspection and test
JIS B2071 B2081	JIS B2002	JIS B2212 B2214	JIS B2071 B2081	JIS B2003

性能规范 Capability Criterion

阀体材料 Body material	SCPH2-11	SCPH-32	SCS13A	SCS19A	SCS14A	SCS16A	SCPL1
适用温度 Suitable Temperature	≤ 425°C	≤ 540°C	≤ 275°C	≤ 200°C	≤ 275°C	≤ 200°C	-45~150°C
适用介质 Suitable Medium	水蒸气油品 Water Steam Oil Goods		硝酸类 Nitric Acia		醋酸类 Acetic Acid		氨气液氨 Liquid Ammonia

规格主要尺寸 Size Main Dimensions

DN		GL(BB) 明杆截止阀 10k							
mm	in	L	D	D1	D2	b	n-φd	H	D0
50	2"	203	155	120	96	16	4-φ19	317	200
65	2 1/2"	216	175	140	120	18	4-φ19	380	200
80	3"	241	185	150	130	18	8-φ19	415	250
100	4"	292	210	175	126	18	8-φ19	465	250
125	5"	356	250	210	185	20	8-φ23	405	300
150	6"	406	280	240	215	22	8-φ23	535	350
200	8"	495	330	290	265	22	12-φ23	675	450

主要零件材质 Parts Material

零件名称 Item	ZGICr18NiTi 系列	ZG00Cr18Ni10 系列	ZGICr18Ni12M02 Ti 系列	ZG00Cr17Ni14M02 系列	WCB 系列
阀体 / 阀盖 Body/cap	ZGICr18NiTi	ZG00Cr18Ni10	ZGICr18Ni12M02 Ti	ZG00Cr17Ni14M02	WCB
阀杆 Hinge	ZGICr18NiTi	ZG00Cr18Ni10	ZGICr18Ni12M02 Ti	ZG00Cr17Ni14M02	WCB
阀瓣 Disc	ZGICr18NiTi	ZG00Cr18Ni10	ZGICr18Ni12M02 Ti	ZG00Cr17Ni14M02	WCB
垫片 Gasket	304+PTFE	304+PTFE	304+PTFE	304+PTFE	石墨 +304 Graphite+304
螺柱 Stud	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	1Cr17Ni2	35CrMoA
螺母 Nut	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	45

下展式放料阀 Put Down Feed Valve

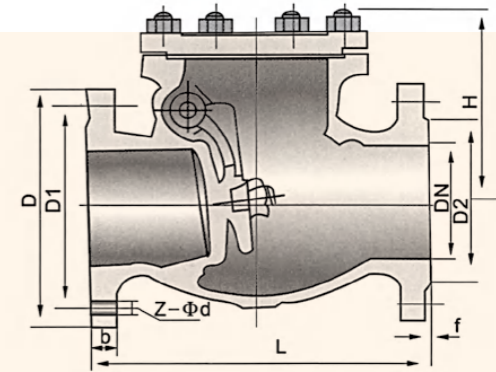
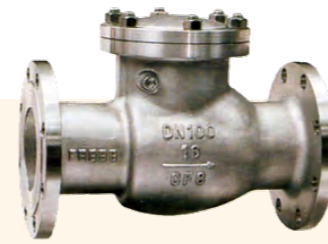
DN	上法兰 Up flange		下法兰 Down flange		密封座 Sealed seat	
	D1	D2	D3	D4	D5	D6
25	115	85	135	100	70	40
32	135	100	145	110	75	55
40	145	110	160	125	100	65
50	165	125	180	145	85	70
65	180	145	195	160	135	90
80	195	160	215	180	155	130
100	215	180	245	210	195	135
125	245	210	280	245	180	1445
150	280	240	335	295	210	185
200	335	295	405	355	-	-

止回阀系列 Check Valve Series



GB Swing Type Check Valve

国标旋启式止回阀



产品规范

设计与制造: GB/T12236
结构长度: GB/T12221
法兰尺寸: JB/T79
检验标准: JB/T9092

Product Specification

Design standard: GB/T12236
Flange standard: GB/T12221
Structural standard: JB/T79
Test standard: JB/T9092

试验压力 Test Pressure

实验项目 Test Item	壳体试验 Shell Test	密封试验 Seal Test	气密封试验 Air Seal Test
介质 Medium	水 Water		气 Air
公称压力 Nominal Pressure PN(MPa)	1.6	2.4	1.8
	2.5	3.8	2.8
	4.0	6.0	4.4
	6.4	9.6	7.0
			0.6

主要零部件材料 Materials for Main Parts

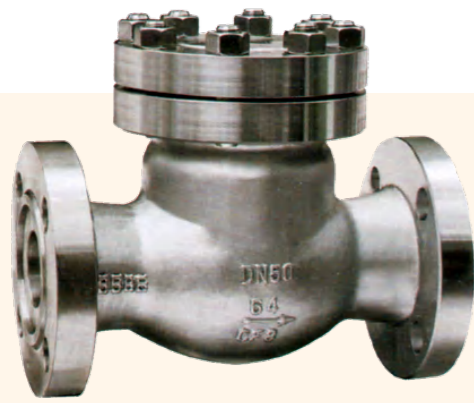
名称 Name	材料 Material			
阀体 Body/ 阀盖 Bonnet	CF8	CF8M	CF3M	WCB
阀瓣 Wedge	CF8	CF8M	CF3M	WCB
垫片 Gasket	PTFE/ 石墨 Graphite			
螺栓 Bolt	不锈钢 Stainless Steel		35CrMoA	
螺母 Nut	不锈钢 Stainless Steel		45, 35CrMoA	

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

公称通径 DN Nominal Diameter	尺寸 (mm) Dimensions						
	L	D	D1	D2	b	z-Φd	H
H44W-16P(R)							
15	130	95	65	45	14	4-Φ14	95
20	150	105	75	55	14	4-Φ14	105
25	160	115	85	65	16	4-Φ14	115
32	180	135	100	78	16	4-Φ18	135
40	200	145	110	85	16	4-Φ18	140
50	230	160	125	100	16	4-Φ18	148
65	290	180	145	120	18	4-Φ18	160
80	310	195	160	135	20	8-Φ18	172
100	350	215	180	155	20	8-Φ18	178
125	400	245	210	185	22	8-Φ18	250
150	480	280	240	210	24	8-Φ18	255
200	550	335	295	265	26	12-Φ23	295
250	650	405	355	320	26	12-Φ25	442
300	750	460	410	375	30	12-Φ25	450
350	850	520	470	435	34	16-Φ25	540
400	950	580	525	485	36	16-Φ30	555
500	1150	705	650	608	44	16-Φ34	650

ANSI Swing Type Check Valve

美标旋启式止回阀

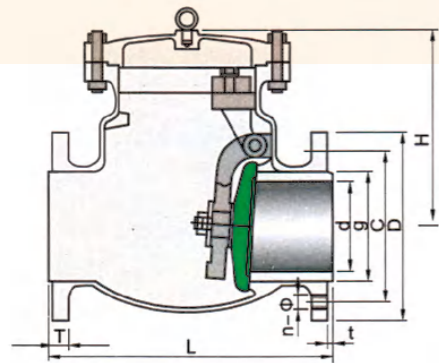


主要构件材料 Materials of Main Construction

NO.	部件 Part Name	材料 Material
1	阀体 Body	A351-CF8M
2	阀瓣 Disc	A351-CF8M
3	螺母 Nut	A194-2H
4	垫片 Washer	SS304
5	摇杆 Hinge	A351-CF8M
6	销轴 Eyebolt Pin	SS316
7	中法兰螺母 Nut	A194-2H
8	大薄片 Gasket	PTFE+304
9	阀盖 Bonnet	A351-CF8M
10	铭牌 Nameplate	Aluminum
11	中法兰螺杆 Bonnet Bolt	A193-B8
12	垫片 Washer	PTFE+304

执行标准 Adminidter Standard

设计 Desing	材料 Material
压力温度基准 Preeeure-Temperature Rating	ASME B16.3
结构长度 Face to Face	ASME B16.10
法兰尺寸 Flange Dimensions	ASME 816.5
检验和测试 Inspection & Testing	ANSI 598
主体材料 Body Material	A351-CF8;CF8M CF3;CF3M; A216-WCB

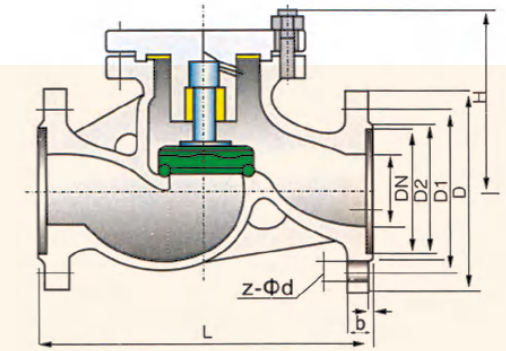
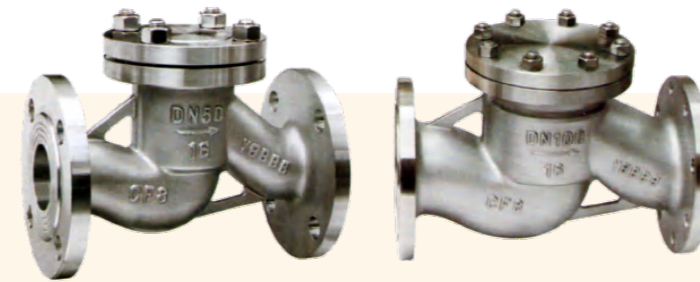


主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

Size	Dimensions(mm)								
	d	L	D	C	g	T	t	H	n-Φ
150Lb									
1/2"	15	108	89	60.5	35	12	1.6	-	4-15
3/4"	20	117	98	70	43	12	1.6	-	4-15
1"	25	127	108	79.5	51	12	1.6	-	4-15
1-1/4"	32	140	117	89	64	13	1.6	-	4-15
1-1/2"	40	165	127	98.5	73	15	1.6	-	4-15
2"	50	203	152	120.5	92	16	1.6	161	4-19
2-1/2"	65	216	178	139.5	105	18	1.6	180	4-19
3"	80	241	190	152.5	127	19	1.6	190	4-19
4"	100	292	229	190.5	157	24	1.6	203	8-19
5"	125	356	254	216	186	24	1.6	229	8-22
6"	150	406	279	241.5	216	26	1.6	257	8-22
8"	200	495	343	298.5	270	29	1.6	292	8-22
10"	250	622	406	362	324	31	1.6	355	12-25
12"	300	698	483	432	381	32	1.6	396	12-25
14"	350	787	533	476	413	35	1.6	445	12-29
16"	400	914	597	540	470	37	1.6	490	16-29
18"	450	978	635	578	533	40	1.6	520	16-32
20"	500	978	698	635	584	43	1.6	546	20-32
24"	600	1295	813	749.3	692	49	1.6	880	20-35

Lift Type Check Valve

升降式止回阀



产品规范

设计与制造: GB/T12236
结构长度: GB/T12221
法兰尺寸: JB/T79
检验标准: JB/T9092

Product Specification

Design standard: GB/T12236
Flange standard: GB/T12221
Structural standard: JB/T79
Test standard: JB/T9092

H41W升降式止回阀

试验压力 Test Pressure

实验项目 Test Item	壳体试验 Shell Test	密封试验 Seal Test	气密封试验 Air Seal Test
介质 Medium	水 Water		气 Air
公称压力 Nominal Pressure PN(MPa)	1.6	2.4	1.8
	2.5	3.8	2.8
	4.0	6.0	4.4
	6.4	9.6	7.0
			0.6

主要零部件材料 Materials for Main Parts

名称 Name	材料 Material			
阀体 Body / 阀盖 Bonnet	CF8	CF8M	CF3M	WCB
阀瓣 Wedge	CF8	CF8M	CF3M	WCB
垫片 Gasket	PTFE / 石墨 Graphite			
螺栓 Bolt	不锈钢 Stainless Steel			35CrMoA
螺母 Nut	不锈钢 Stainless Steel			45, 35CrMoA

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

公称通径 DN Nominal Diameter	尺寸 (mm) Dimensions						
	L	D	D1	D2	H	b	z-Φd
H41W-16P(R)							
15	130	95	65	45	77	14	4-Φ14
20	150	105	75	55	77	14	4-Φ14
25	160	115	85	65	80	16	4-Φ14
32	180	135	100	78	85	16	4-Φ18
40	200	145	110	85	95	16	4-Φ18
50	230	160	125	100	105	16	4-Φ18
65	290	180	145	120	120	18	4-Φ18
80	310	195	160	135	130	20	8-Φ18
100	350	215	180	155	140	20	8-Φ18
125	400	245	210	185	155	22	8-Φ18
150	480	280	240	210	180	24	8-Φ23
200	600	335	295	265	215	26	12-Φ23
H41W-25P(R)							
40	200	145	110	85	95	18	4-Φ18
50	230	160	125	100	105	20	4-Φ18
65	290	180	145	120	120	22	8-Φ18
80	310	195	160	135	130	22	8-Φ18
100	350	230	190	160	140	24	8-Φ23
125	400	270	220	188	155	28	8-Φ25
150	480	300	250	218	180	30	8-Φ25
200	600	360	310	278	215	34	12-Φ25
250	730	425	370	332	270	36	12-Φ30
300	850	485	430	390	300	40	12-Φ30

Vertical Lift Check Valve

立式止回阀



产品规范

设计与制造：GB/T12236
 结构长度：GB/T12221
 法兰尺寸：JB/T79
 检验标准：JB/T9092

Product Specification

Design standard: GB/T12236
 Flange standard: GB/T12221
 Structural standard: JB/T79
 Test standard: JB/T9092

试验压力 Test Pressure

实验项目 Test Item	壳体试验 Shell Test	密封试验 Seal Test	气密封试验 Air Seal Test
介质 Medium	水 Water		气 Air
公称压力 Nominal Pressure PN(MPa)	1.6	2.4	1.8
	2.5	3.8	2.8
	4.0	6.0	4.4
	6.4	9.6	7.0
			0.6

主要零部件材料 Materials for Main Parts

名称 Name	材料 Material			
阀体 Body/ 阀盖 Bonnet	CF8	CF8M	CF3M	WCB
阀瓣 Wedge	CF8	CF8M	CF3M	WCB
弹簧 Spring	CF8	CF8M	CF3M	WCB

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

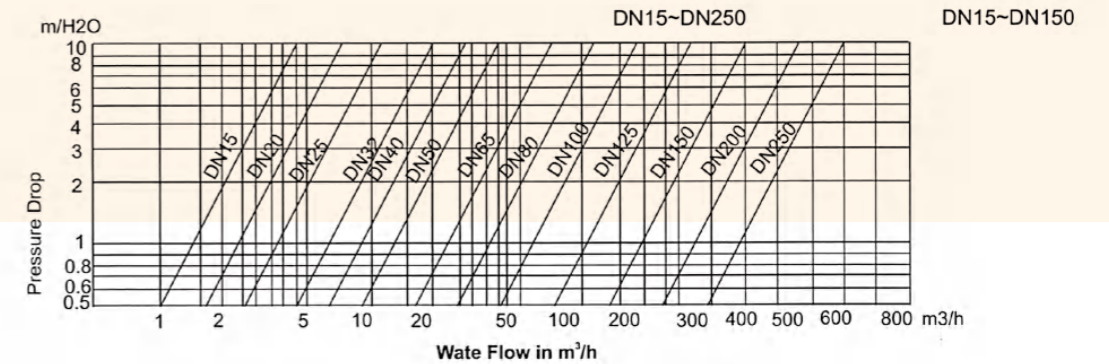
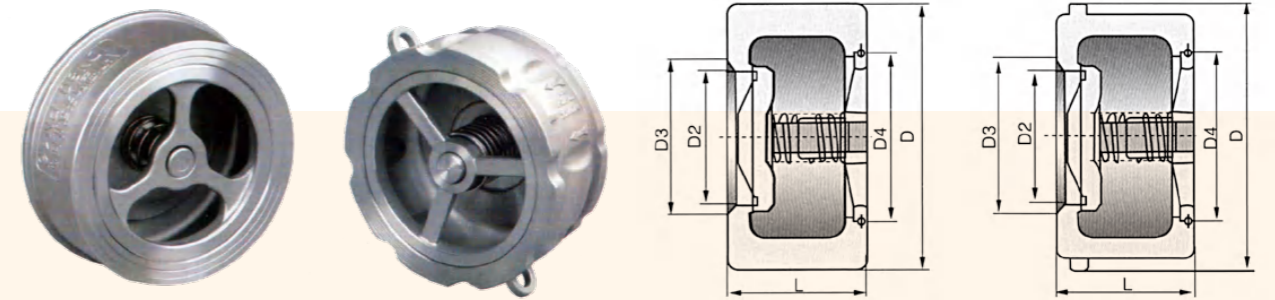
DN	H	D	D1	D2	b	f	Z-φd
PN1.6MPa							
32	145	135	100	78	18	2	4-φ18
40	160	145	110	85	18	3	4-φ18
50	170	160	125	100	20	3	4-φ18
65	180	180	145	120	22	3	4-φ18
80	200	195	160	135	22	3	8-φ18
100	220	215	180	155	24	3	8-φ18
125	270	245	210	185	28	3	8-φ18
150	300	280	240	210	30	3	8-φ18
200	390	335	295	265	34	3	12-φ23

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

DN	H	D	D1	D2	b	f	Z-φd
PN2.5MPa							
32	150	135	100	78	18	2	4-φ18
40	160	145	110	85	18	3	4-φ18
50	170	160	125	100	20	3	4-φ18
65	175	180	145	120	22	3	8-φ18
80	200	195	160	135	22	3	8-φ18
100	215	230	160	160	24	3	8-φ18
125	275	270	220	188	28	3	8-φ23
150	295	300	250	218	30	3	8-φ25
200	380	360	310	278	34	3	12-φ25

H71 Wafer Type Check Valve

H71 对夹式止回阀

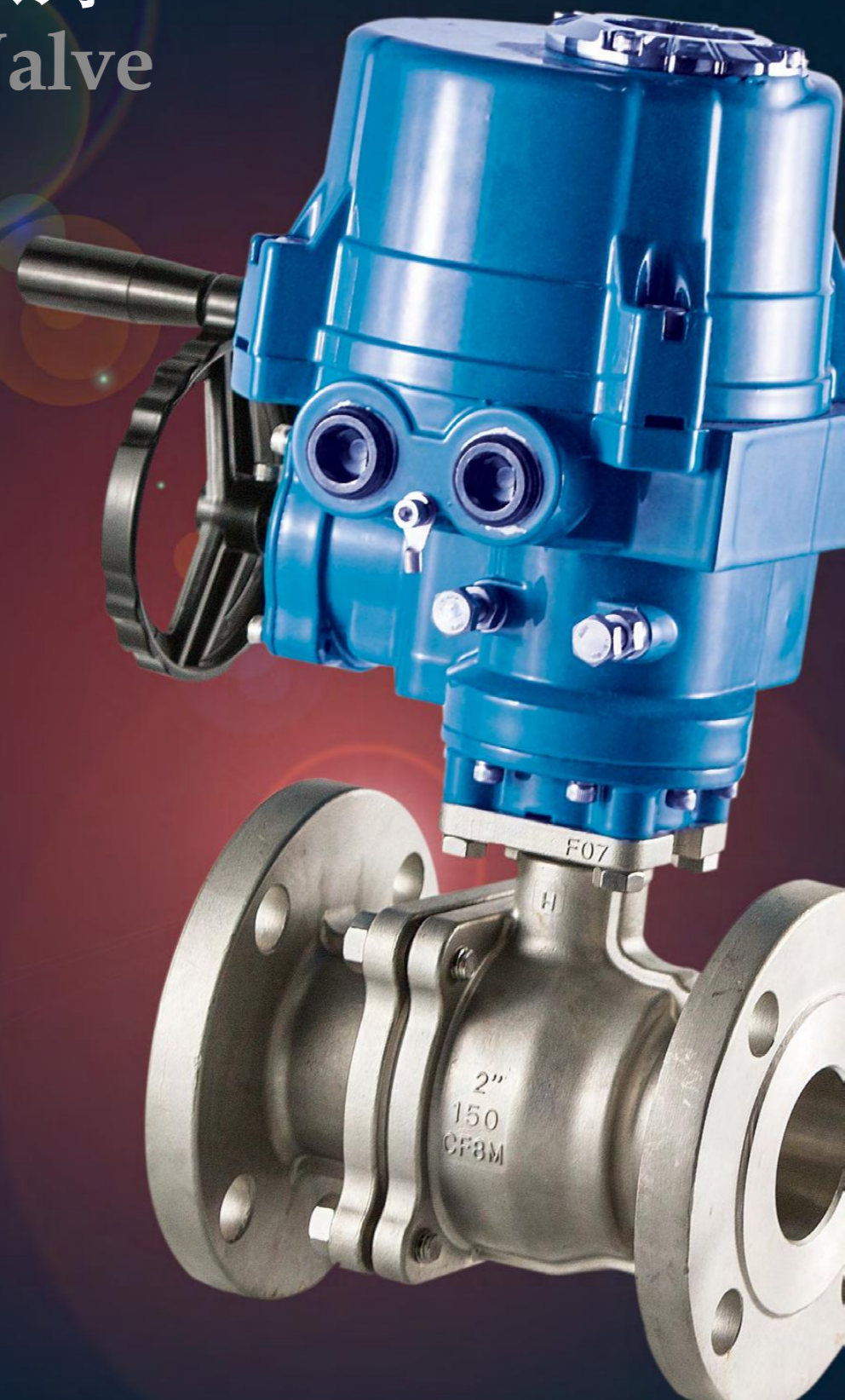


型号 Mode	主要零件材料 Materials for main parts				性能参数 Specifications		
	阀体 Body	阀瓣 Disc	弹簧 Spring	挡板 Holder	最低动作压力 Lowest Movement Pressure	水、蒸气、气体、油品 Water, Steam, Gas, Oil	适用温度 Applicable Temperature
H71H	碳钢 Carbon Steel	不锈钢 304 Stainless Steel 304	不锈钢 304 Stainless Steel 304	不锈钢 304 Stainless Steel 304	0.05Kg/cm ²	水、油品、蒸汽 Water, Oil, Steam	-29°C -425°C
H71W	不锈钢 CF8 Stainless Steel CF8	不锈钢 304 Stainless Steel 304	不锈钢 304 Stainless Steel 304	不锈钢 304 Stainless Steel 304	0.05Kg/cm ²	硝酸等腐蚀性介质 Nitric acid and so on corrosive medium	-196°C -540°C
H71W	不锈钢 CF8M Stainless Steel CF8M	锈钢 CF8M Stainless Steel CF8M	不锈钢 CF8M Stainless Steel CF8M	不锈钢 CF8M Stainless Steel CF8M	0.05Kg/cm ²	醋酸等腐蚀性介质 Corrosive medium such as acetic acid, etc.	-196°C -540°C
H71W	不锈钢 CF8L Stainless Steel CF8L	不锈钢 316L Stainless Steel 316L	不锈钢 316L Stainless Steel 316L	不锈钢 316L Stainless Steel 316L	0.05Kg/cm ²	尿素等腐蚀性介质 Corrosive medium such as urea, etc.	-196°C -455°C

主要外形尺寸和连接尺寸 (mm) Main External and Connecting Dimensions(mm)

口径 Size		PN1.0MPa		PN1.6MPa		PN2.5MPa		PN4.0MPa	
DN	NPS	L	D	L	D	L	D	L	D
1/2"	15	30	52	30	52	30	52	30	52
3/4"	20	30	62	30	62	30	62	30	62
1"	25	30	72	30	72	30	72	30	72
1-1/4"	32	35	83	35	83	35	83	35	83
1-1/2"	40	35	93	35	93	35	93	35	93
2"	50	40	108	40	108	40	108	40	108
2-1/2"	65	50	128	50	128	50	128	50	128
3"	80	60	142	60	142	60	142	60	142
4"	100	75	162	75	162	75	168	75	168
5"	125	90	192	90	192	90	194	90	194
6"	150	105	218	105	218	105	224	105	224
8"	200	112	273	112	273	112	284	112	291
10"	250	140	328	140	329	140	341	140	353

电动阀门系列 Electric Valve Series



Electric Valve 电动阀门

Electric ball valve
电动球阀



Electric ball valve
电动球阀



Electric Valve

电动阀门



Electric ball valve
电动球阀

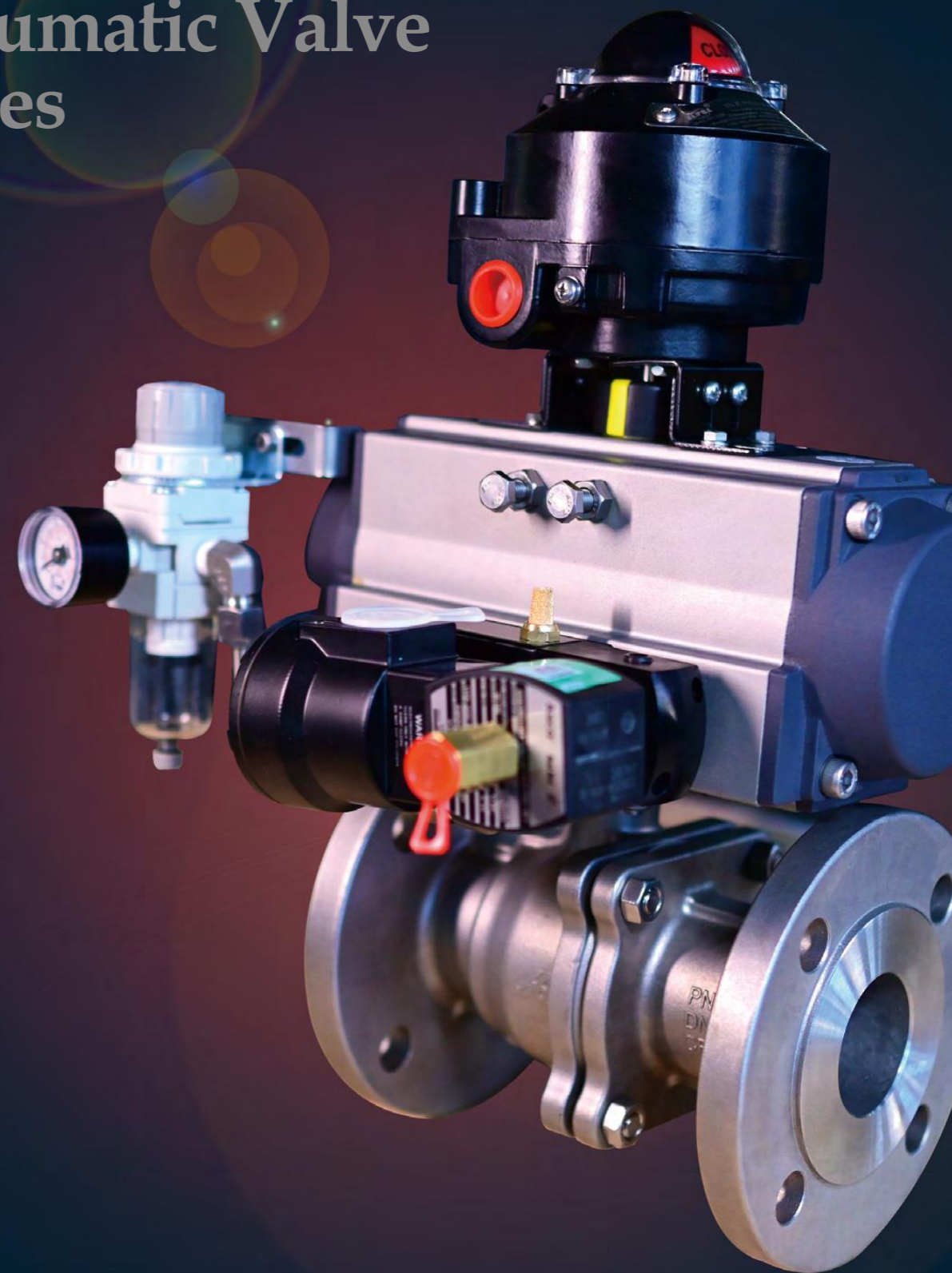


Electric Gate Valve
电动闸阀



Electric Gate Valve
电动闸阀

气动阀门系列 Pneumatic Valve Series



Pneumatic Valve

气动阀门



Pneumatic ball valve
气动球阀



Pneumatic 3-way ball valve
气动三通球阀



Regulating valve
调节阀



Pneumatic Baiting Valve
气动放料阀



Pneumatic ball valve
气动球阀



Pneumatic Butterfly Valve
气动蝶阀



Regulating valve
调节阀

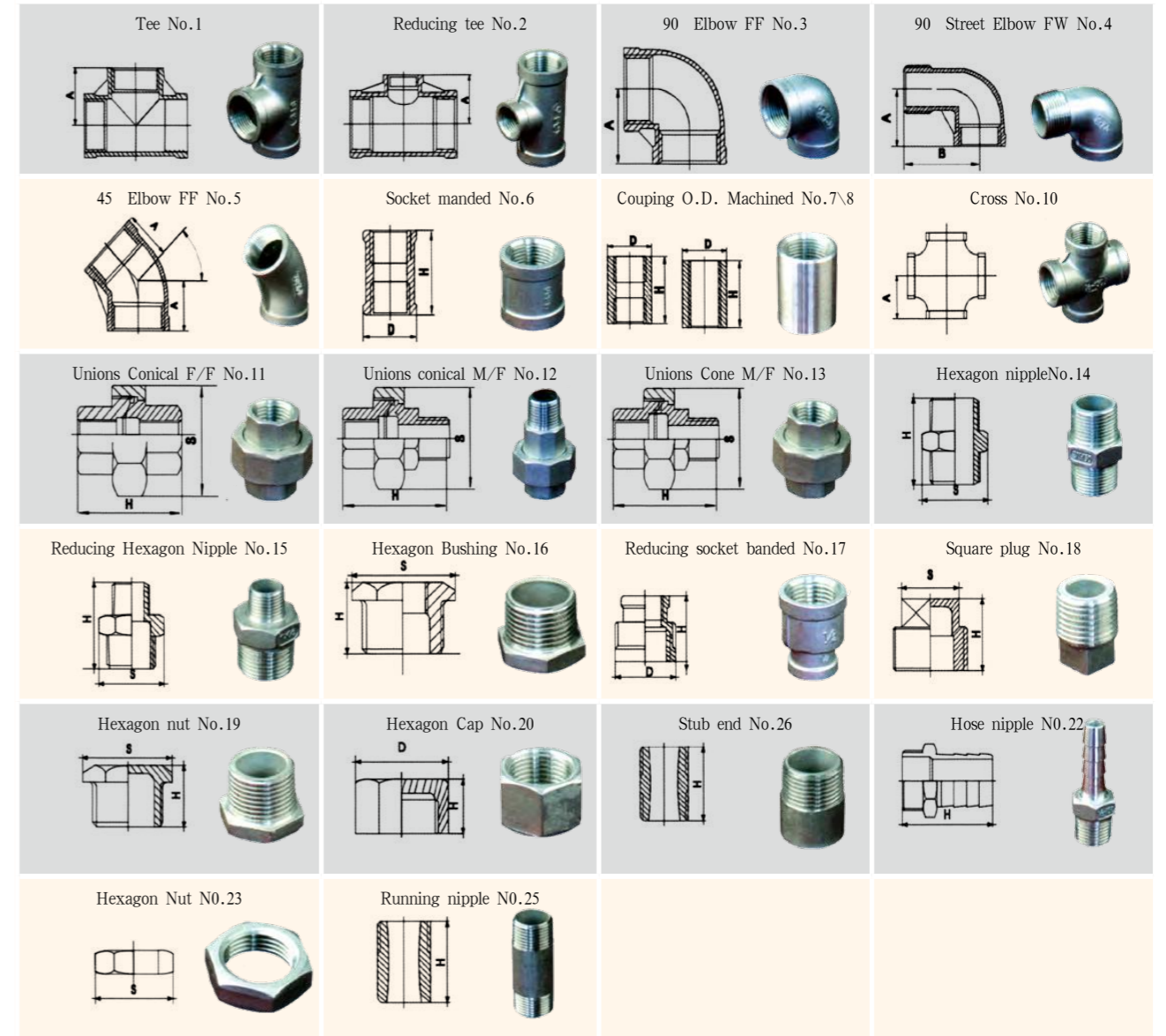


Self-regulated valve
自立式调节阀

其他 Other Series



Pipe fittings 管道配件



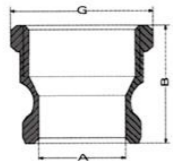
RGON	No.1	2	4	5	6	7	8	9	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26															
Size	A	A	A	B	A	D	H	D	H	D	H	S	H	S	H	S	H	S	H	S	H	D	H	S	H	D	H	S	D	H	H	H							
1/8	18		17	26	19	15.5	27	14.5	23	14.5	11.5	29	32	29		29		17	32	17	32	7.7	17.5	15		7	16	14	17	15.5	14	18	17	40	17	35	12	40	30
1/4	19		19	30	21	18.4	27	18	27	18	13.5	29	32	29	50.5	29	31	19	34	17	33	17	18	18.5	19	9	19	17	18	18.4	15	18	17	44	19	38	13	40	30
3/8	23		23	35	23	21.8	30	21.5	29	21.5	14.5	34	34.5	34	55.5	34	31.5	21	36	21	35	21	19	25	19	12	21	21	19	21.8	17	22	18	51	24	41	13	40	30
1/2	27	27	27	40	25	28	36	26.5	37	26.5	18.5	39	39.5	39	62	39	34.5	26	42	26	38	26	22	28	32	14	25	26	22	28	20	26	20	63	30	45	15	60	35
3/4	32	32	32	47	30	34	39	32.5	40	32.5	20	47	42	47	68	47	40	31	47	31	42	31	25	34.5	36	17	28	31	25	34	24	33	22	65	38	51	17	60	40
1	38	38	38	54	32	43	45	40	44	40	22	58	48	58	76.5	58	43.5	38	52	38	48	38	27	43	37	19	31	38	27	48	28	39	25	74	43	57	19	80	40
1 1/4	46		46	62	33	51	50	49	50	49	25	67	54.5	67	87.5	67	49.5	46	56	46	54	46	30	51	42	23	35	46	30	51	30	49	28	81	52	67	19	80	50
1 1/2	50		48	68	36	59	50	55	54	55	27	76	58.5	76	96	76	53.5	53	60	63	59	53	32	59	49	26	36	53	32	59	32	55	30	91	60	76	19	80	50
2	58		57	79	44	72	60	67.5	63	67.5	31.5	90	62.5	90	102	90	57.5	63	66	63	62	63	36	71.5	52	32	42	63	36	72	36	68	34	100	72	88	21	100	50
2 1/2	70		69	92	50	86	67	84	70	84	35	108	70.5	108	110.5	108	62	80	73	80	71	80	39			41	48	80	39	86	40	83	41	119	90	102	25	100	60
3	80		78	104	54	101	72	96	76	96	38	122	78.3	122	122	122	67.5	93	81	93	77	93	44			46	53	93	44	101	42	95	45	128	100	118	25	120	70
4	97		97	126	65	128	80	125	86	125	43	152	92	152	137	152	78.5	119	92	119	87	119	51			58	62	119	51	128	45	121	48	143	126	147	29	150	80

Quick Joints

快接



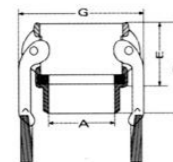
A



DIM	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
A	16	21	24	28.5	36	58	45	74	100	122	150
B	38.5	38.5	48.5	56.5	61	85	64.5	73	78	95	86
G	32	32	40	48	56	81.75	67	95.6	126.5	154	190



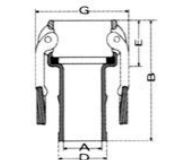
B



DIM	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
A	14	19	24	30	37	50	62	74	100	122	145
B	52	52	65	72.5	73	80	90	94	101	102	118
E	32	32	41	48.5	49	54	59	60	62	62	72
G	53	54	60	71.5	80	95	104	126	153.4	184	219



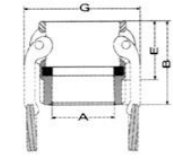
C



DIM	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
A	14	14	20	25	31	43	55	68	93	115	140
B	90	90	105	116.5	118	134	154	163	175	187	214
D	20	20	25.5	33	39	52	65	78	105	130	155
E	32	32	41	48.5	49	54	59	60	63	62	72
G	53	54	60	71.5	80	95	104	126	153.4	184	219



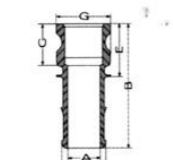
D



DIM	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
A	16	19	26	33	39	50	61	75	92	122	145
B	52.5	52.5	63	68.5	71	78.5	85.5	90.5	96.5	102	118
E	32.2	32.2	41	48.5	49	54	59	60	63	62	72
G	53	53	60	71.5	80	95	104	126	153.4	184	219



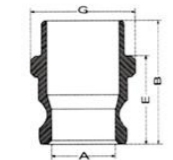
E



DIM	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
A	14	14	20	25	31	43	55	68	93	115	140
B	98	98	108.5	121	125	140	158	169	180	196	220
G	28	28	32	38	42.5	45	50	50	49.5	154	184
D	20	20	25.5	33	39	52	65	78	105	130	155
E	40	40	45.5	53	55.5	60	64	65	66.5	71	78



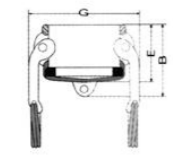
F



DIM	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
A	21.5	21.5	24	29	37	46.5	58	74	100	122	148
B	55	55	71.5	80	84	87	99	104.5	112.5	121	130
G	33	33	38.5	47.5	55	66	80	95	122	154	190
E	38	38	47.5	56	60	61	68.5	71.5	76.5	81	86



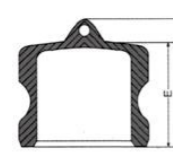
DC



DIM	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
B	45	45	54	65	69	78	83	88	94	94	112
E	35	35	41.5	51	52	59	64	65	70	70	82
G	53	54	60	79	83	94	109	130	158	184	219



DP



DIM	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
B	37	37	44	55	64	68	70	80	80	80	98
E	26	25	32	41	44	48	50	57	56	56	66

Fluorine-lined Valve

衬氟阀门



Fluorine-lined Ball Valve

衬氟球阀



Fluorine-lined Gate Valve

衬氟闸阀



Fluorine-lined Globe Valve

衬氟截止阀



Fluorine-lined Check Valve

衬氟止回阀