

SCREW THREAD VALVE SERIES 丝扣阀门系列

产品材质Product material:

WCB、A105、LCB、LF2、WC6、F11、WC9、F22、QT450、ZG1Cr5Mo、F5、ZG20CrMoV、ZG15Cr1Mo1V、12Cr1MoV、C12A、F91、F92、CF8、F304、CF8M、F316、CF3、F304L、CF3M、F316L、CF8C、F347、F304H、F316H、F321H、4A、F51、5A、F53、Inconel、Monel、铜合金(Copper alloy)、钛合金(Titanium alloy)、哈氏合金(Hastelloy alloy)、镍合金(Nickel alloy)等

制造标准Manufacturer's standard: GB、DIN、API、ANSI、JIS、BS等

公称通径Nominal Diameter: 10mm~4000mm及1/2"~160"

工作压力Working pressure: 0.25MPa~76.0MPa/150Lb~4500Lb/10K~320K

工作温度Operation temperature: -196°C~816°C

适用工况: 石油、化工、天然气、电站、核电、军工、市政、冶金、建筑、制药、造纸、煤矿、水泥、排污、环保、新能源等行业

Applicable working conditions: petroleum, chemical, natural gas, power plants, nuclear power, military, municipal, metallurgical, construction, pharmaceutical, papermaking, coal mining, cement, pollution discharge, environmental protection, new energy and other industries





蝶型内外丝球阀
Butterfly Type Inner And Outer Ball Valve



二片式丝扣球阀
2PC Threaded Ball Valve



三片式对焊球阀
3PC Butt Welded Ball Valve



三片式快装球阀
3PC Quick Installation Ball Valve



三片式加长杆球阀
3PC Extended Stem Ball Valve



三片式法兰球阀
3PC Flange Ball Valve



二片式碳钢球阀
2PC Carbon Steel Ball Valve



三片式碳钢球阀
3PC Carbon Steel Ball Valve



三片式高平台球阀
3PC High Platform Ball Valve



二片式高平台球阀
2PC High Platform Ball Valve



三片式高平台法兰球阀
3PC High Platform Flange Ball Valve



三通高平台球阀
3-way High Platform Ball Valve



丝扣闸阀
Thread Gate Valve



丝扣截止阀
Screw Thread Globe Valve



国标丝扣截止阀
GB Threaded Globe Valve



丝扣止回阀
Thread Check Valve



丝扣立式止回阀
Screw Thread Vertical Check Valve



丝扣Y型过滤器
Thread Y-shaped Filter



丝扣排气阀
Screw Exhaust Valve

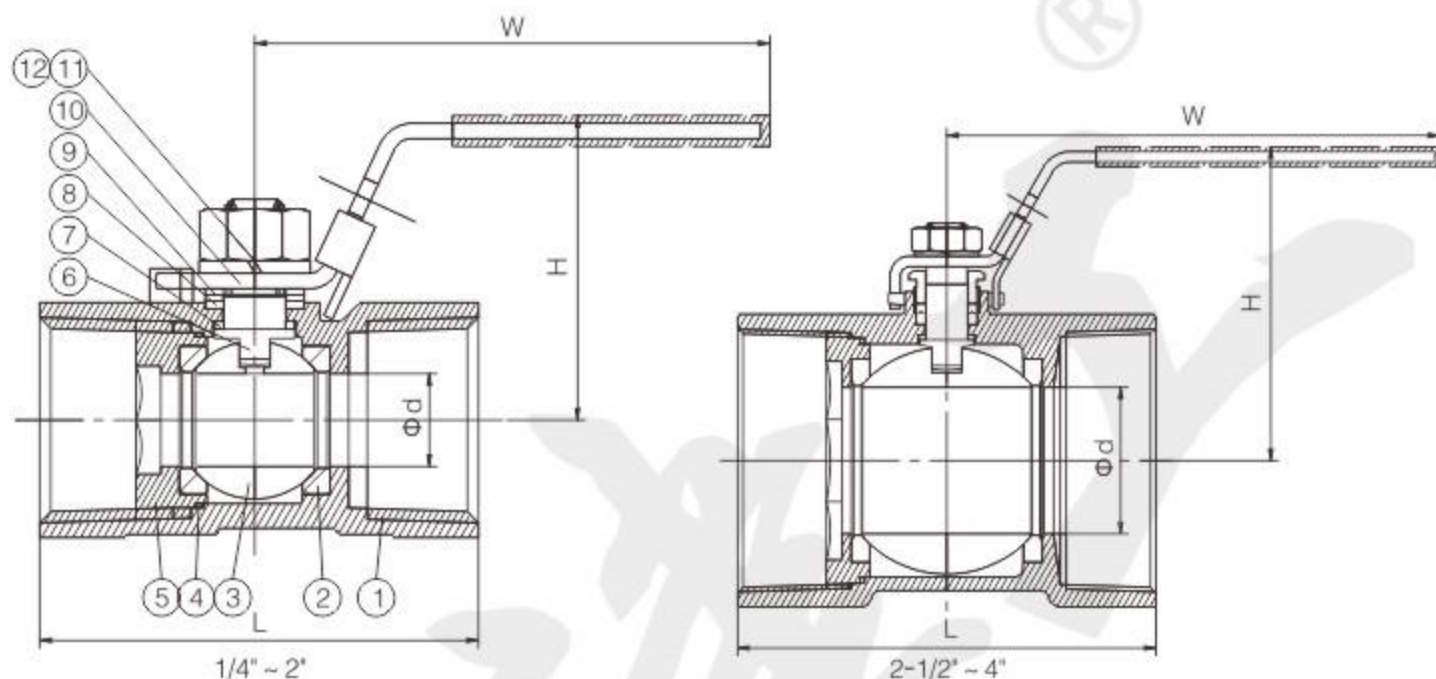


丝扣减压阀
Screw Thread Pressure Reducing Valve

一片式内螺纹球阀

1PC BALL VALVE THREAD END

1PC-Q11F-1000



特点Features

- 1/4"~4" (DN6~DN100)
- 工作压力W.P.:1000WOG(PN63)
- 工作温度W.T.: -20°C~180°C
- 精密铸造Investment casting
- 防爆阀杆Blow-out proof stem
- 螺纹类型Thread type: ASME B1.20.1(NPT),BSP BSPT
DIN 259/DIN 2999, BS 21,
ISO 288-1,ISO 7-1

主要零件材料 Main components material

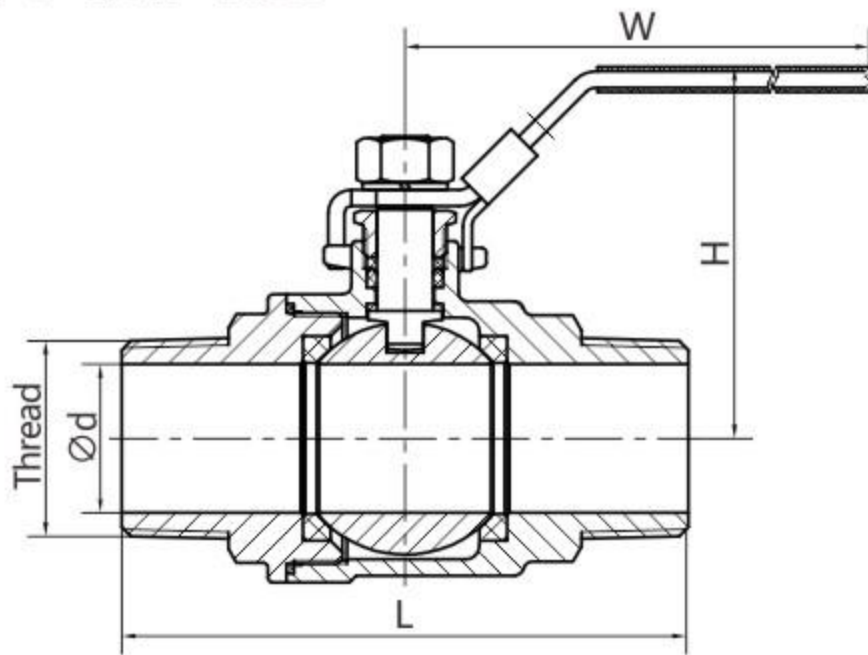
零件 PARTS	材料 MATERIAL		
阀体 BODY	WCB	CF8	CF8M
阀座 SEAT	PTFE		
球体 BALL	CF8	CF8	CF8M
垫片 GASKET	PTFE		
阀盖 BONNET	WCB	CF8	CF8M
阀杆 STEM	304	304	316
阀杆垫圈 STEMWASHER	PTFE		
填料 PACKING	PEFE		
垫圈 WASHER	304		
手柄 HANDLE	304+PVC		
弹簧垫圈 SPRING WASHER	304		
螺母 NUT	304		

主要尺寸 Dimensions of Flanged end

尺寸 SIZE		d	L	H	W	Unit:mm
1/4"	DN6	5	40.5	36	80	
3/8"	DN10	7	43.5	38	80	
1/2"	DN15	9	53	42	110	
3/4"	DN20	12	57.5	46	110	
1"	DN25	15	68	49	115	
1-1/4"	DN32	20	76	54	115	
1-1/2"	DN40	25	81.5	62	160	
2"	DN50	32	93	69	160	
2-1/2"	DN65	40	112	85	190	
3"	DN80	50	132	96	220	
4"	DN100	65	185	122	250	

二片式手动螺纹球阀 2PC MANUAL THREAD BALL VALVE

2PC-Q11F-1000

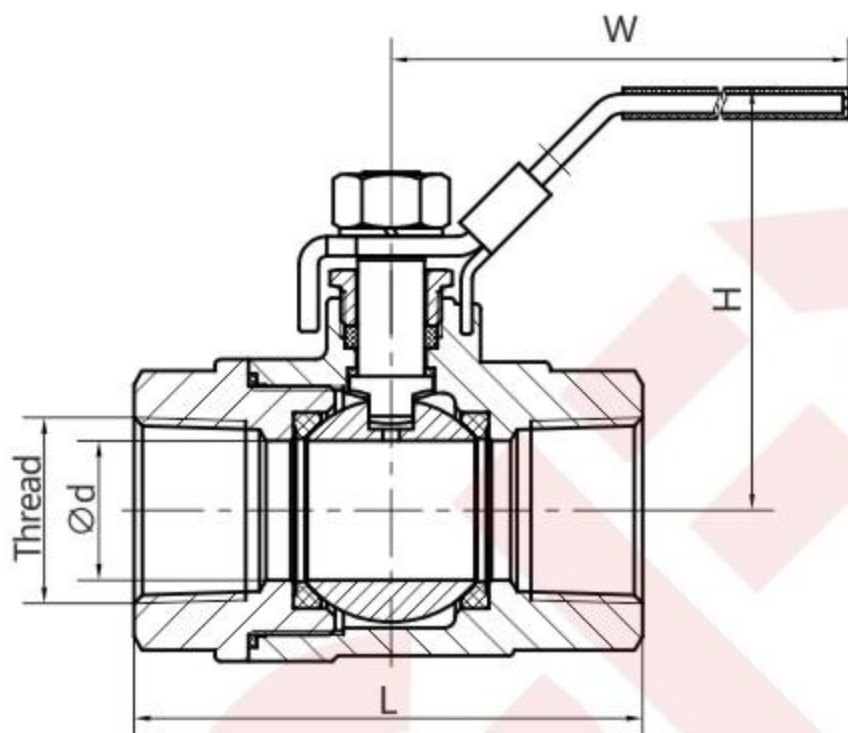


外螺纹球阀

尺寸 Dimensions

Unit:mm

SIZE	d	L	H	W
1/4"	10	80	49	90
3/8"	12	80	49	90
1/2"	15	90	52	110
3/4"	20	95	63	120
1"	25	105	67	130
1¼"	32	120	80	140
1½"	38	135	93	175
2"	49	155	110	175

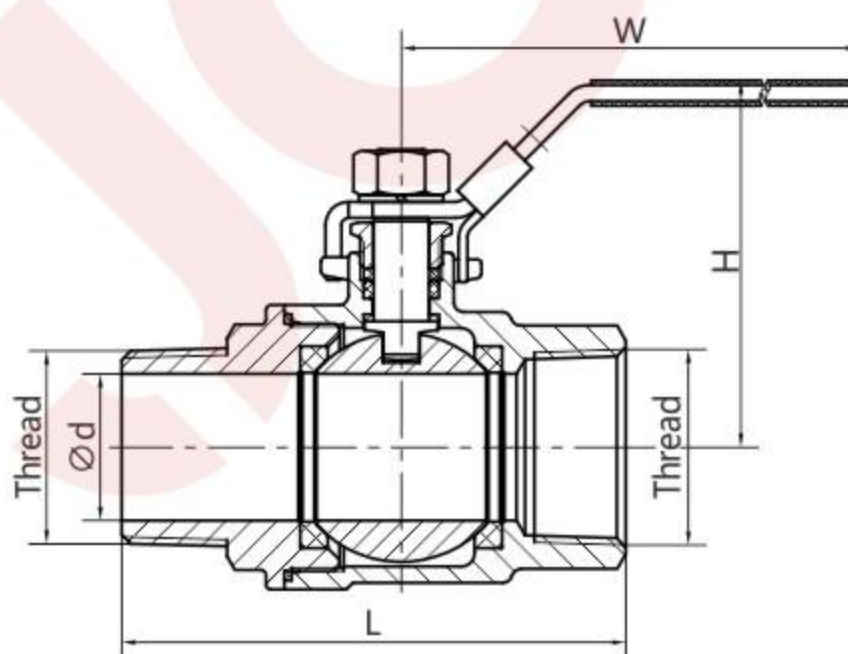


2000psi

尺寸 Dimensions

Unit:mm

SIZE	d	L	H	W
1/4"	10.5	60	55	100
3/8"	12	60	58	100
1/2"	15	75	61	110
3/4"	20	80	71	130
1"	25	90	75.5	160
1¼"	32	110	83	160
1½"	38	120	93	175
2"	48	140	110	220



一端内螺纹 一端外螺纹

One end female thread/one end male thread

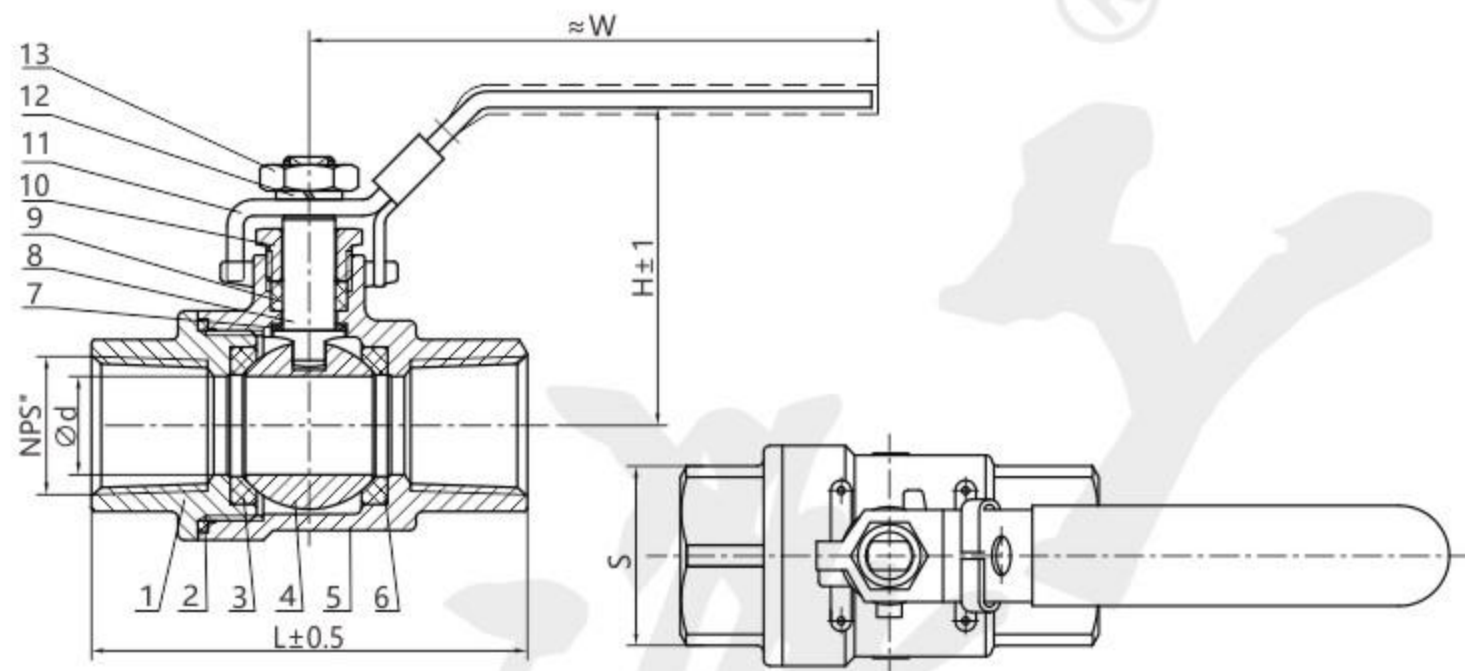
尺寸 Dimensions

Unit:mm

SIZE	d	L	H	W
1/4"	10	68	49	90
3/8"	12	68	49	90
1/2"	15	76	52	110
3/4"	20	85	63	120
1"	25	95	67	130
1¼"	32	110	80	140
1½"	38	125	93	175
2"	49	140	110	175

二片式手动螺纹球阀
2PC MANUAL THREAD BALL VALVE

2PC-Q11F-1000



性能规范
Performance Specifications

公称压力: 1000PSI
试验压力: 强度试验: 10.4Mpa
密封试验: 7.6Mpa
气密封试验: 0.6Mpa
适用介质: 水、油、气品等
适用温度: -29~+120°C

Nominal pressure: 1000PSI
Test pressure: Strength test: 10.4Mpa
Sealing test: 7.6Mpa
Air tightness test: 0.6Mpa
Applicable media: water, oil, gas, etc
Applicable temperature: -29~+120 °C

主要零件材料 Main components material

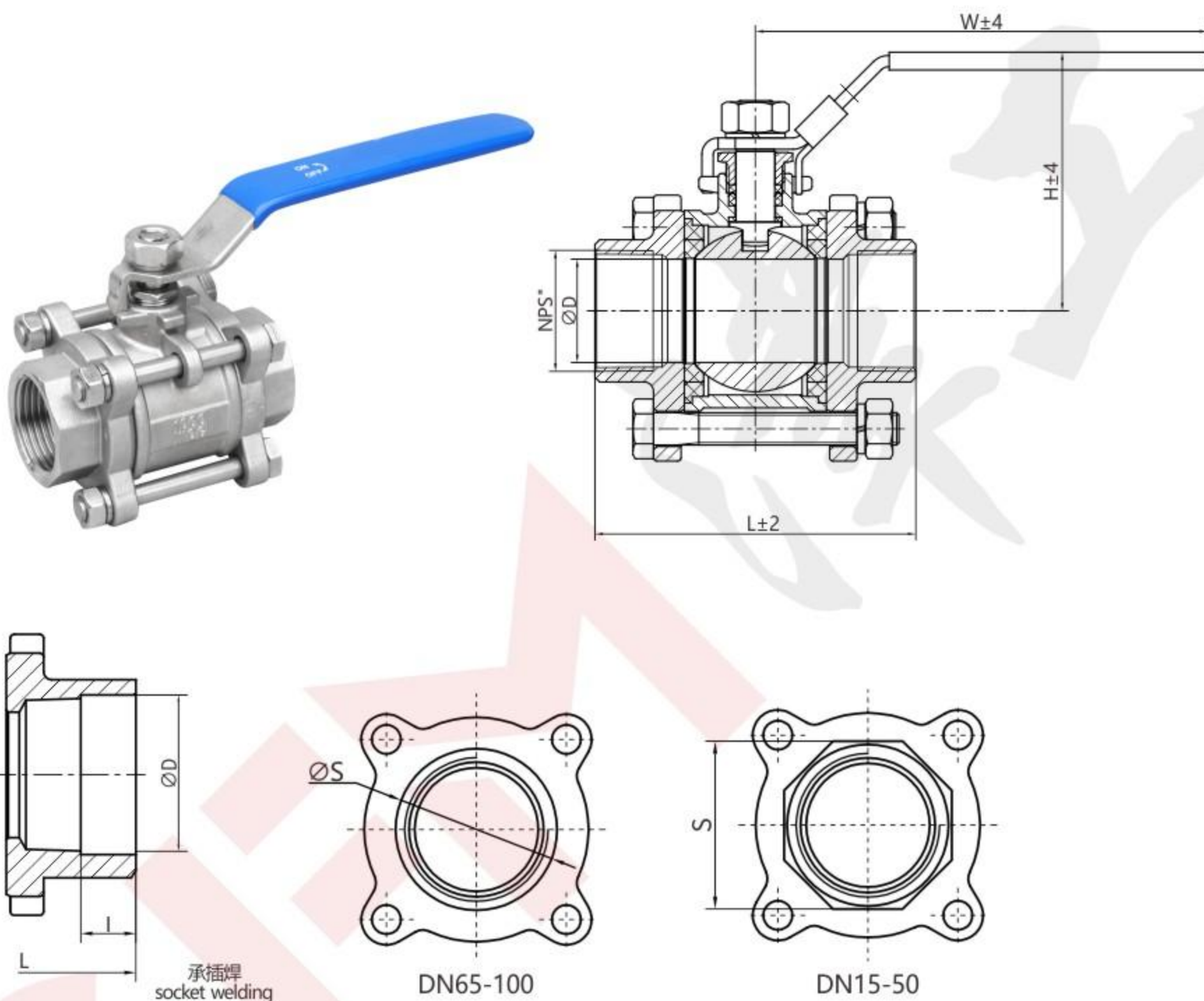
序号 Number	零件名称 Name	材质 Material
1	端盖 end cap	A351 CF8M
2	密封线 sealing line	PTFE/PPL
3	阀座 valve seat	PTFE/PPL
4	球体 sphere	SS316
5	阀体 valve body	A351 CF8M
6	阀座 valve seat	PTFE/PPL
7	减磨垫 Anti-wear pads	PTFE/PPL
8	阀杆 stem	SS316
9	V型填料 V-shaped packing	PTFE/PPL
10	并帽 And cap	SS304
11	弹垫 spring pad	SS304
12	手柄 handle	SS304
13	螺母 nut	SS304

尺寸 Dimensions

NPS		d	L	S(六角对边)	H	W
1/2"	DN15	15	54	24	47	95
3/4"	DN20	20	59	29	53	100
1"	DN25	25	73	36	65	100
1¼"	DN32	32	83	45	73	125
1½"	DN40	38	94	52	77	130
2"	DN50	49	108	64	92	165
2½"	DN65	65	140	80	130	220
3"	DN80	78	166	93	145	270
4"	DN100	100	200	122	170	330

三片式手动螺纹球阀 3PC MANUAL THREAD BALL VALVE

3PC-Q11F-1000



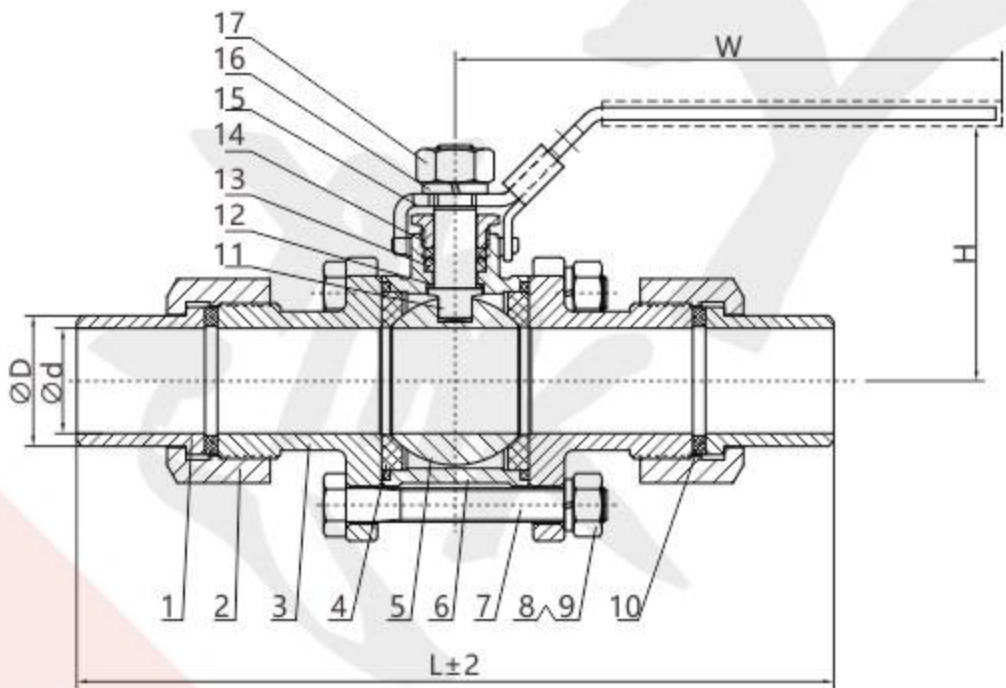
尺寸 Dimensions

Unit:mm

NPS		d	S	L	H	W	D	I
1/2"	DN15	15	27	70	55	105	22.2	9.5
3/4"	DN20	20	32	78	62	110	27.6	12.5
1"	DN25	25	39	86	73	120	34.3	12.5
1¼"	DN32	32	49	104	85	135	43.1	12.5
1½"	DN40	38	54	110	90	165	49.2	12.5
2"	DN50	50	67	130	100	170	61.7	16
2½"	DN65	65	87	168	140	200	74.4	16
3"	DN80	78	98	192	145	215	90.3	16
4"	DN100	100	123	235	155	300	115.7	19

三片式手动活套球阀
3PC-MANUAL LOOPER BALL VALVE

3PC-Q21F-1000



技术要求

- 1. 阀门的设计与制造按 ANSI/ASME B16.34的规定。
- 2. 对焊端标准按 ASTM269/ISO1127/EN12627的规定。
- 3. 阀门的检验与试验按 API 598的规定。

Technical requirements

- 1. The design and manufacture of the valve are in accordance with the regulations of ANSI/ASME B16.34.
- 2. The standard for butt welding ends shall be in accordance with ASTM269/ISO1127 /EN12627.
- 3. The inspection and test of the valve shall be in accordance with the provisions of API 598.

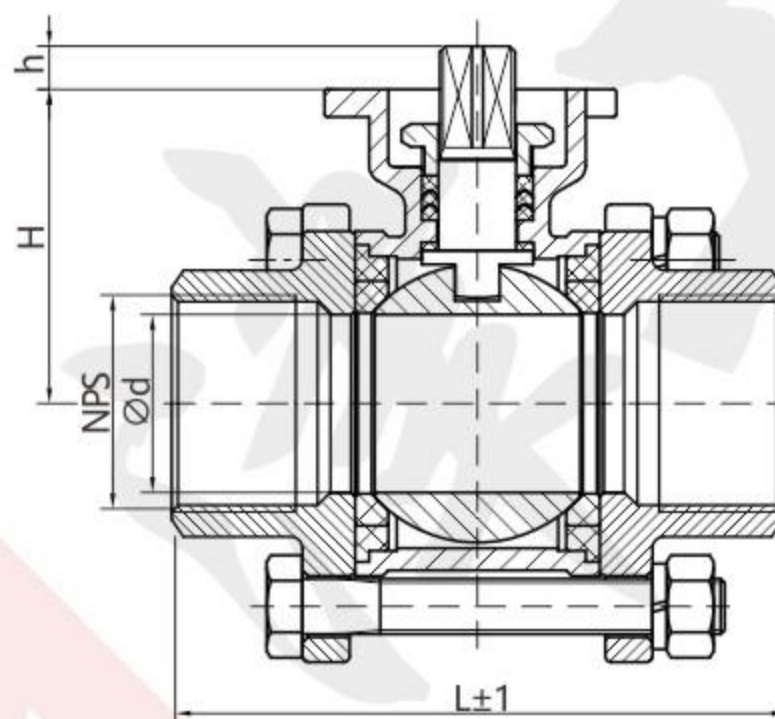
尺寸 Dimensions

Unit:mm

SIZE	DN	L	L1	D	H	W
DN15	15	153	112	21.7	52	110
DN20	20	167	122	27.2	63	120
DN25	25	176	133	34	67	130
DN32	32	204	151	42.7	80	140
DN40	38	220	165	48.6	93	175
DN50	49	250	182	60.5	110	175

三片式高平台螺纹球阀 3PC-HIGH PLATFORM THREADED BALL VALVE

3PC-Q11F-1000



技术要求

1. 阀门的设计与制造按 ANSI/ASME B16.34的规定。
2. 阀门的连接螺纹按 ISO 7/1或 ANSI/ASME B1.20.1的规定。
3. 对焊端标准按 ASME B16.25/ASTM269/ISO1127/EN12627
4. 阀门的检验与试验按 API 598的规定。

Technical requirements

1. The design and manufacture of the valve are in accordance with the regulations of ANSI/ASME B16.34.
2. The connecting thread of the valve shall be in accordance with ISO 7/1 or ANSI /ASME B1.20.1.
3. The standard for butt welding ends is in accordance with ASME B16.25/ASTM269 /ISO1127/EN12627
4. The inspection and test of the valve shall be in accordance with the provisions of API 598.

尺寸 Dimensions

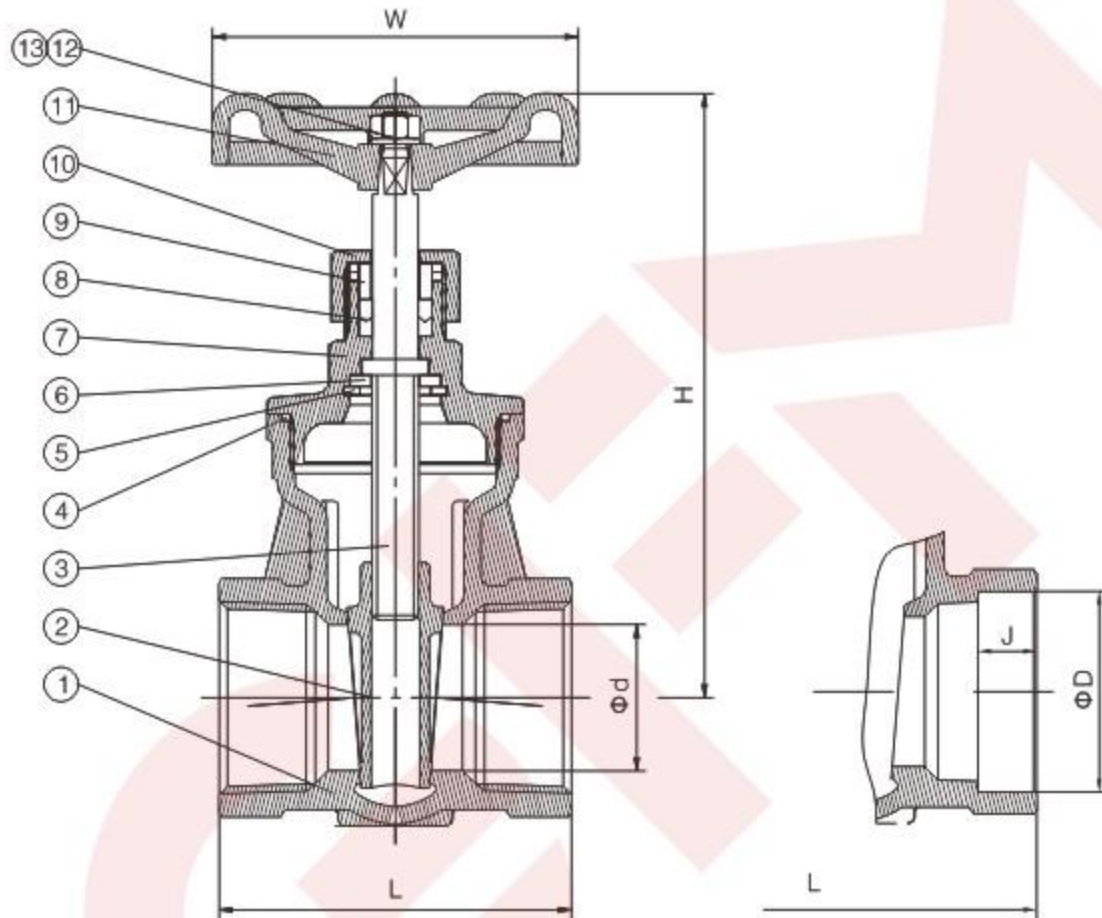
Unit:mm

NPS	DN	d	L	H	W	A	B	R	r	K*K	h	D	I
1/2"	15	15	69	37	140	50	42	3.5	3	9*9	10	22.2	9.5
3/4"	20	20	77	45	140	50	42	3.5	3	9*9	10	27.6	12.5
1"	25	25	87	55	170	50	42	3.5	3	11*11	12	34.3	12.5
1¼"	32	32	100	60	170	50	42	3.5	3	11*11	12	43.1	12.5
1½"	40	38	106	70	200	70	50	4.5	3.5	14*14	15	49.2	12.5
2"	50	50	130	77	200	70	50	4.5	3.5	14*14	15	61.7	16
2½"	65	65	166	98	300	102	70	5.5	4.5	17*17	18	74.4	16
3"	80	76	193	112	300	102	70	5.5	4.5	17*17	18	90.3	16
4"	100	100	235	140	300	102	70	5.5	4.5	19*19	18	115.7	19

内螺纹闸阀

GATE VALVE THREAD END SOCKET WELD END

Z15W-16P



特点Features

- 1/2"~2" (DN15~DN50)
- 工作压力 W.P.200WOG (PN16)
- 工作温度 W.T. : 425°C
- 精密铸造 Investment casting
- 非升杆式/暗杆 Non-rising stem
- 螺纹连接标准 Thread end : ASME B1.20.1 (NPT) ,
DIN 259/DIN 2999, BS 21,
ISO 288-1,ISO 7-1
- 承插焊连接标准 Socket weld end : ASME B16.11

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB	CF8	CF8M
2	闸板 Wedge disc	CF8	CF8	CF8M
3	阀杆 Stem	304	304	316
4	垫片 Gasket	PTFE		
5	轴用挡圈 Circlips for shaf	304	304	316
6	垫圈 Washer	304	304	316
7	阀盖 Bonnet	WCB	CF8	CF8M
8	填料 Packing	PTFE		
9	填料盖 Gland	304		
10	阀盖螺母 Bonnetnut	WCB	CF8	CF8M
11	手轮 Handwheel	ZL101		
12	平板 Flatpad	304		
13	螺母 Nut	304		

尺寸 Dimensions

尺寸 SIZE		d	L	H	W	D	J
1/2"	DN15	15	52	97	70	21.8	9.5
3/4"	DN20	20	57.5	103	70	27.2	12.5
1"	DN25	25	61.5	113	70	33.9	12.5
1-1/4"	DN32	32	70.5	132	80	42.7	12.5
1-1/2"	DN40	40	74.5	156	100	48.8	12.5
2"	DN50	50	84	172	100	61.2	16

内螺纹截止阀

GLOBE VALVE THREAD END SOCKET WELD END

J11H-16P

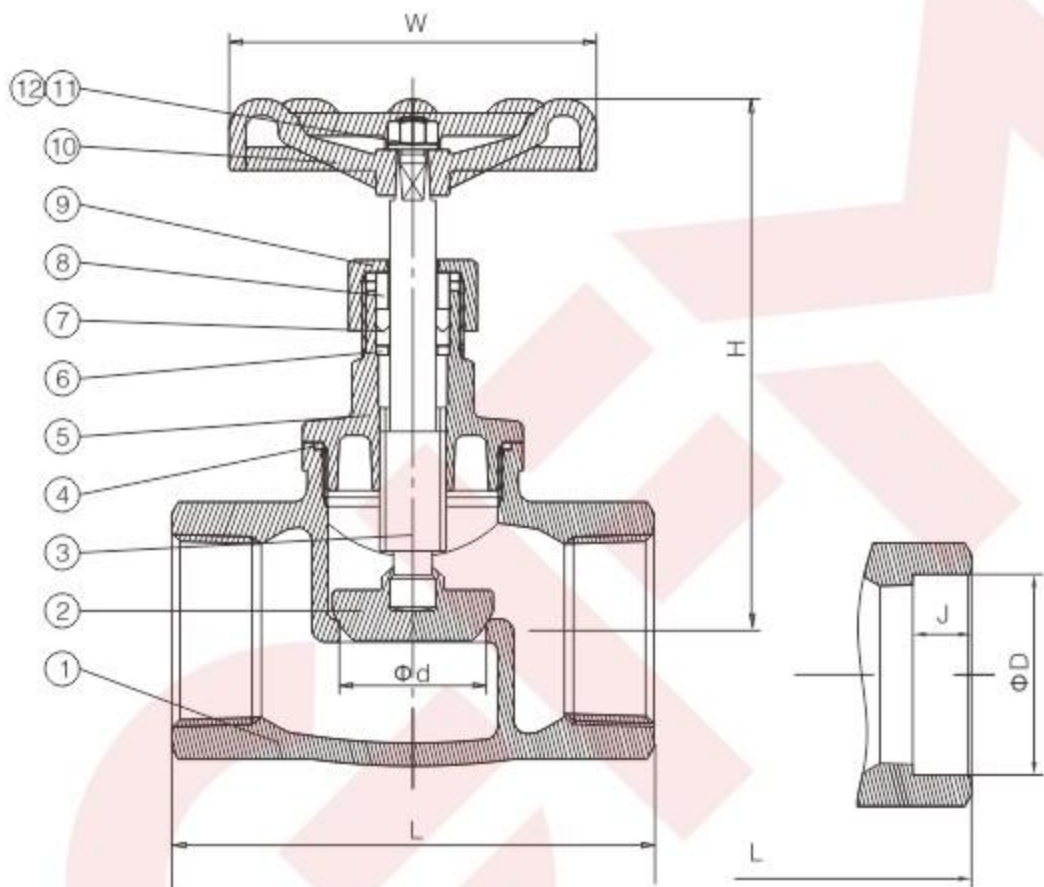


特点Features

- 1/2"~2"(DN15~DN50)
- 工作压力 W.P: 200WOG (PN16)
- 工作温度 W.T: 425°C
- 精密铸造 Investment casting
- 升杆式/明杆 Rising stem
- 螺纹连接标准 Thread end : ASME B1.20.1 (NPT) ,
DIN 259/DIN 2999, BS 21,
ISO 288-1,ISO 7-1
- 承插焊连接标准 Socket weld end : ASME B16.11

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB	CF8	CF8M
2	阀瓣 Disc	CF8	CF8	CF8M
3	阀杆 Stem	304	304	316
4	垫片 Gasket	PTFE		
5	阀盖 Bonnet	WCB	CF8	CF8M
6	垫圈 Washer	304	304	316
7	填料 Packing	PTFE		
8	填料盖 Gland	304		
9	阀盖螺母 Bonnet nut	WCB	CF8	CF8M
10	手轮 Handwheel	ZL101		
11	平板 Flatpad	304		
12	螺母 Nut	304		



尺寸 Dimensions

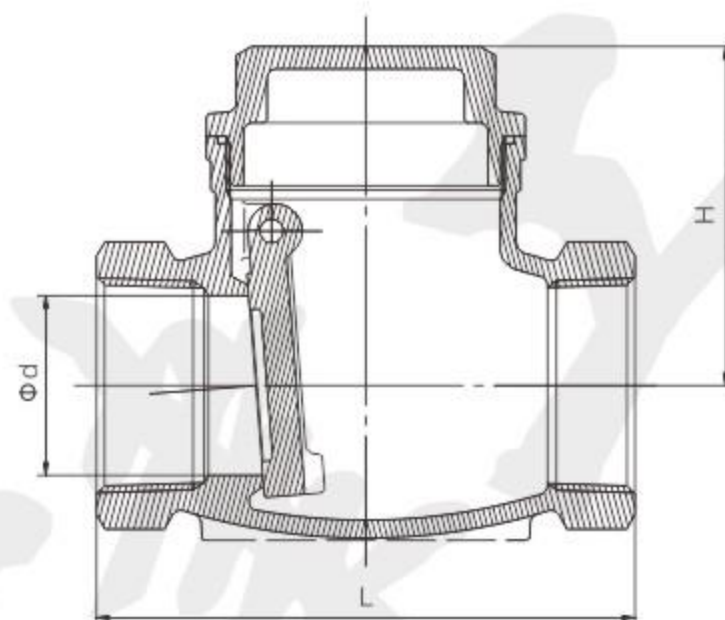
Unit:mm

尺寸 SIZE		d	L	H	W	D	J
1/2"	DN15	15	63	88	70	21.8	9.5
3/4"	DN20	20	77	93	70	27.2	12.5
1"	DN25	25	85	110	70	33.9	12.5
1-1/4"	DN32	32	98	116	80	42.7	12.5
1-1/2"	DN40	40	115	132	100	48.8	12.5
2"	DN50	50	135	145	100	61.2	16

内螺纹旋启式止回阀

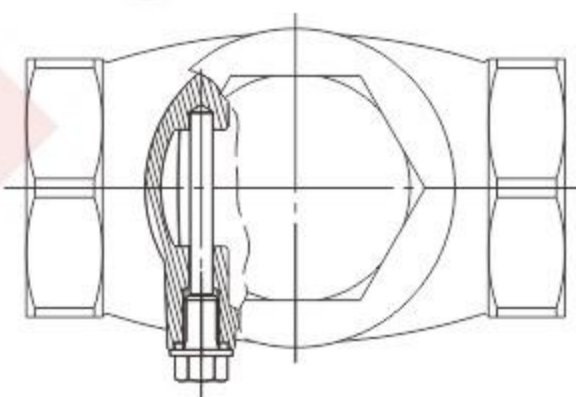
SWING CHECK VALVE THREAD END SOCKET WELD END

H14W-16P



特点Features

- 1/4"~3"(DN6~DN80)
- 工作压力 W.P.: 200WOG (PN16)
- 工作温度 W.T.: -20°C~180°C
- 精密铸造 Investment casting
- 旋启式阀瓣 Swing type disc
- 精密研磨 Precision grinding
- 螺纹连接标准 Thread end : ASME B1.20.1 (NPT) ,
DIN 259/DIN 2999, BS 21,
ISO 288-1, ISO 7-1
- 承插焊连接标准 Socket weld end : ASME B16.11



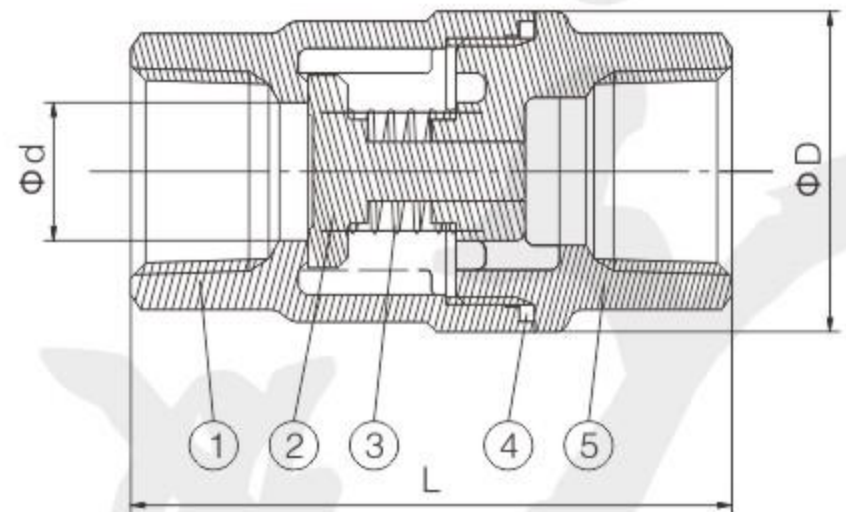
尺寸 Dimensions

Unit:mm

尺寸 SIZE		d	L	H	D	J
DN6	1/4"	11	62	48	14.2	9.5
DN10	3/8"	11	62	48	17.6	9.5
DN15	1/2"	15	62	48	21.8	9.5
DN20	3/4"	20	75	52	27.2	12.5
DN25	1"	25	84	58	33.9	12.5
DN32	1-1/4"	32	102	70	42.7	12.5
DN40	1-1/2"	39	115	76	48.8	12.5
DN50	2"	50	127	82	51.2	16
DN65	2-1/2"	63	156	91.5	73.9	16
DN80	3"	76	188	102	89.8	16

二片式立式止回阀 2PC VERTICAL CHECK VALVE

2PC-H12W-1000



特点Features

- 1/4"~2"(DN6~DN50)
- 工作压力 W.P : 1000WOG (PN63)
- 工作温度 W.T. : -20°C~425°C
- 精密铸造 Investment casting
- 螺纹连接标准 Thread end : ASME B1.20.1 (NPT) ,
DIN 259/DIN 2999, BS 21,
ISO288-1,ISO7-1

材料表 Material list

序号 Number	零件名称 Part name	材料 Material		
1	阀体 Body	WCB	CF8	CF8M
2	阀瓣 Disc	CF8	CF8	CF8M
3	弹簧 Spring	304	304	316
4	垫片 Gasket	PTFE		
5	阀盖 Bonnet	WCB	CF8	CF8M

尺寸 Dimensions

Unit:mm

尺寸 SIZE		d	L	D
1/4"	DN6	10	52	32
3/8"	DN10	12	52	32
1/2"	DN15	14	60	35
3/4"	DN20	19	69	40
1"	DN25	24	80	46.5
1-1/4"	DN32	31	87	56
1-1/2"	DN40	38	100	67
2"	DN50	49	119	80.5