

SCREW THREAD VALVE SERIES

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, (Copper alloy), (Titanium alloy), (Hastelloy alloy), (Nickel alloy)等

Manufacturer's standard: GB, DIN, API, ANSI, JIS, BS等

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

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

Operation temperature: -196°C~816°C

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





Butterfly Type Inner And Outer Ball Valve



2PC Threaded Ball Valve



3PC Butt Welded Ball Valve



3PC Quick Installation Ball Valve



3PC Extended Stem Ball Valve



3PC Flange Ball Valve



2PC Carbon Steel Ball Valve



3PC Carbon Steel Ball Valve



3PC High Platform Ball Valve



2PC High Platform Ball Valve



3PC High Platform Flange Ball Valve



3-way High Platform Ball Valve



Thread Gate Valve



Screw Thread Globe Valve



GB Threaded Globe Valve



Thread Check Valve



Screw Thread Vertical Check Valve



Thread Y-shaped Filter



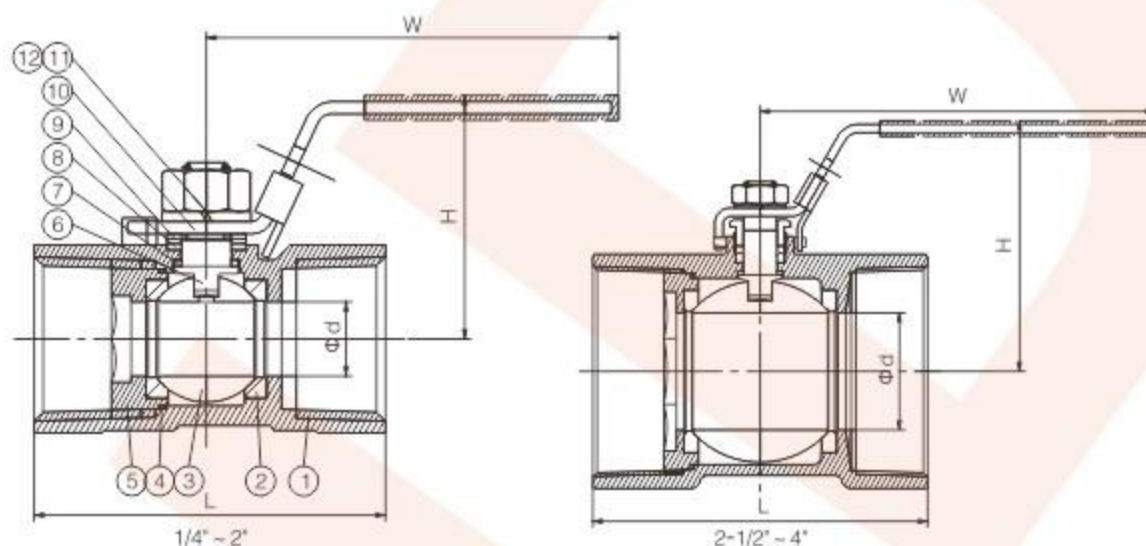
Screw Exhaust Valve



Screw Thread Pressure Reducing Valve

1PC BALL VALVE THREAD END

1PC-Q11F-1000



Features

- 1/4"~4" (DN6~DN100)
- Work pressure W P:1000WOG(PN63)
- Working temperature W T:-20°C~180°C
- Precision Casting Investment Casting
- Explosion proof valve stem Blow out proof stem
- Thread type: ASME B1.20.1 (NPT), BSP BSPT
- DIN 259/DIN 2999, BS 21,
- ISO 288-1,ISO 7-1

Main parts and materials

PARTS	MATERIAL		
BODY	WCB	CF8	CF8M
SEAT	PTFE		
BALL	CF8	CF8	CF8M
GASKET	PTFE		
BONNET	WCB	CF8	CF8M
STEM	304	304	316
STEMWASHER	PTFE		
PACKING	PEFE		
WASHER	304		
HANDLE	304+PVC		
SPRING WASHER	304		
NUT	304		

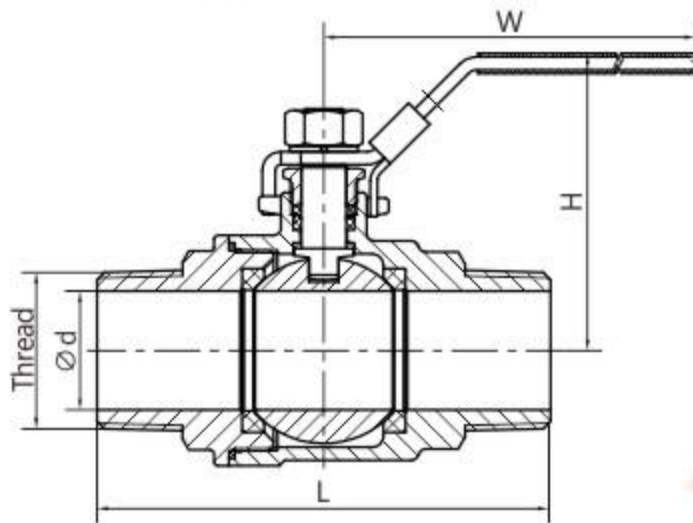
Dimensions of Flanged end

SIZE		d	L	H	W
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

Unit:mm

2PC MANUAL THREAD BALL VALVE

2PC-Q11F-1000

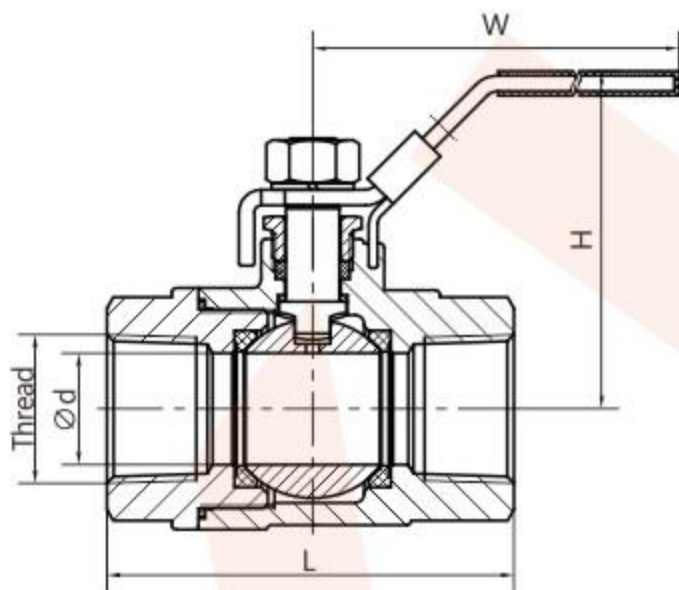


External thread ball valve

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
1 1/4"	32	120	80	140
1 1/2"	38	135	93	175
2"	49	155	110	175

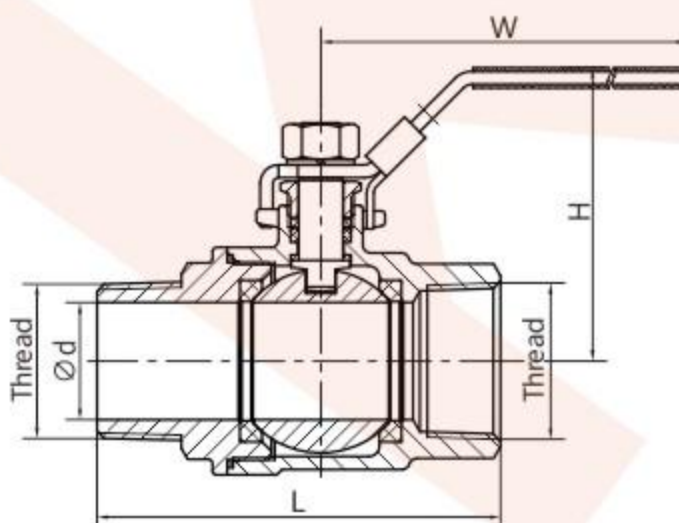


2000psi

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
1 1/4"	32	110	83	160
1 1/2"	38	120	93	175
2"	48	140	110	220



One end female thread/one end male thread

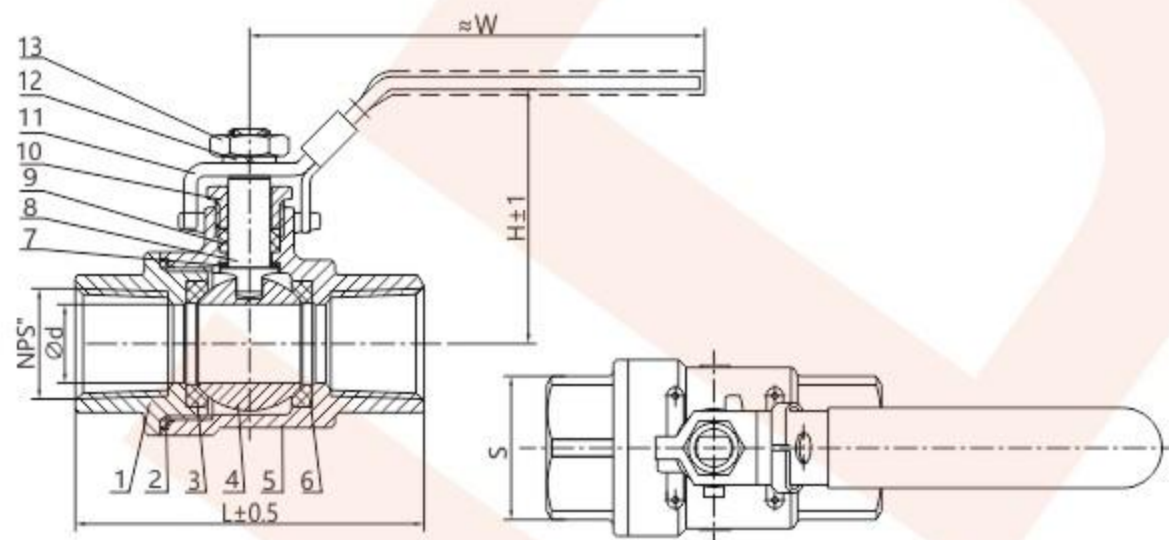
Dimensions

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
1 1/4"	32	110	80	140
1 1/2"	38	125	93	175
2"	49	140	110	175

2PC MANUAL THREAD BALL VALVE

2PC-Q11F-1000



Performance Specifications

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

Main parts and materials

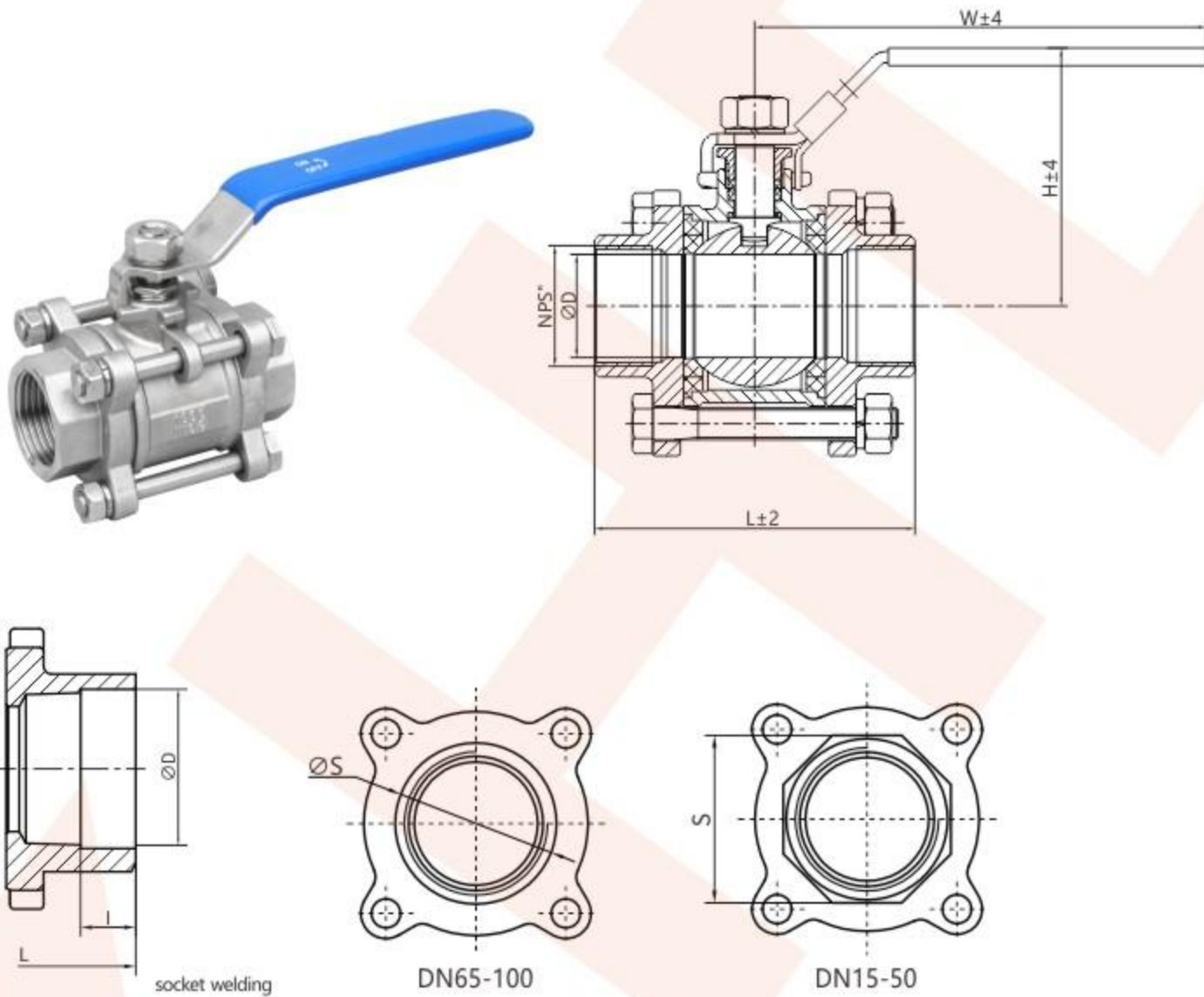
Number	Name	Material
1	end cap	A351 CF8M
2	sealing line	PTFE/PPL
3	valve seat	PTFE/PPL
4	sphere	SS316
5	valve body	A351 CF8M
6	valve seat	PTFE/PPL
7	Anti-wear pads	PTFE/PPL
8	stem	SS316
9	V-shaped packing	PTFE/PPL
10	And cap	SS304
11	spring pad	SS304
12	handle	SS304
13	nut	SS304

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
1 1/4"	DN32	32	83	45	73	125
1 1/2"	DN40	38	94	52	77	130
2"	DN50	49	108	64	92	165
2 1/2"	DN65	65	140	80	130	220
3"	DN80	78	166	93	145	270
4"	DN100	100	200	122	170	330

3PC MANUAL THREAD BALL VALVE

3PC-Q11F-1000

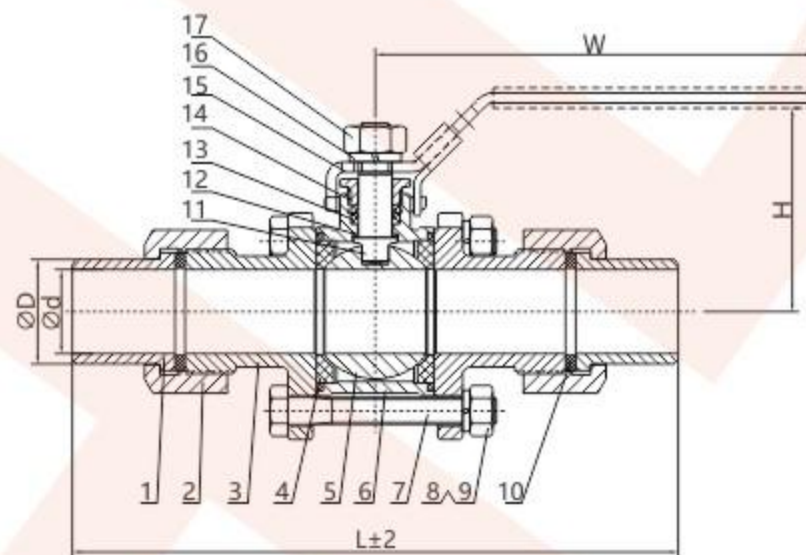


Dimensions

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
1 1/4"	DN32	32	49	104	85	135	43.1	12.5
1 1/2"	DN40	38	54	110	90	165	49.2	12.5
2"	DN50	50	67	130	100	170	61.7	16
2 1/2"	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

**3PC-MANUAL LOOPER
BALL VALVE**

3PC-Q21F-1000



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.

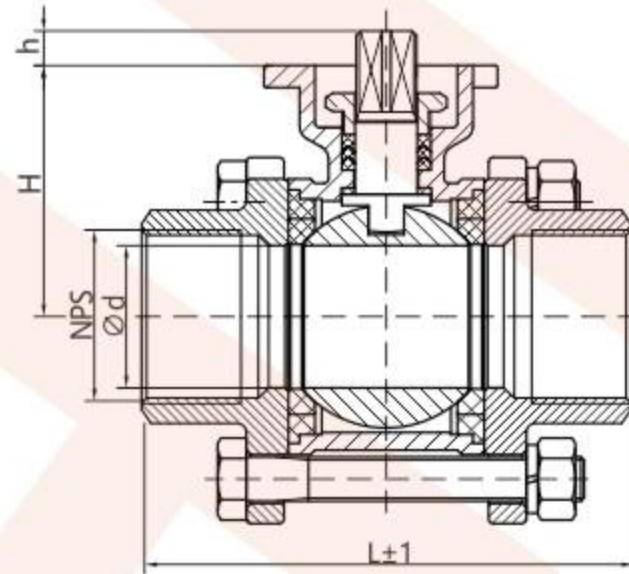
Dimensions

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

3PC-HIGH PLATFORM THREADED BALL VALVE

3PC-Q11F-1000



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.

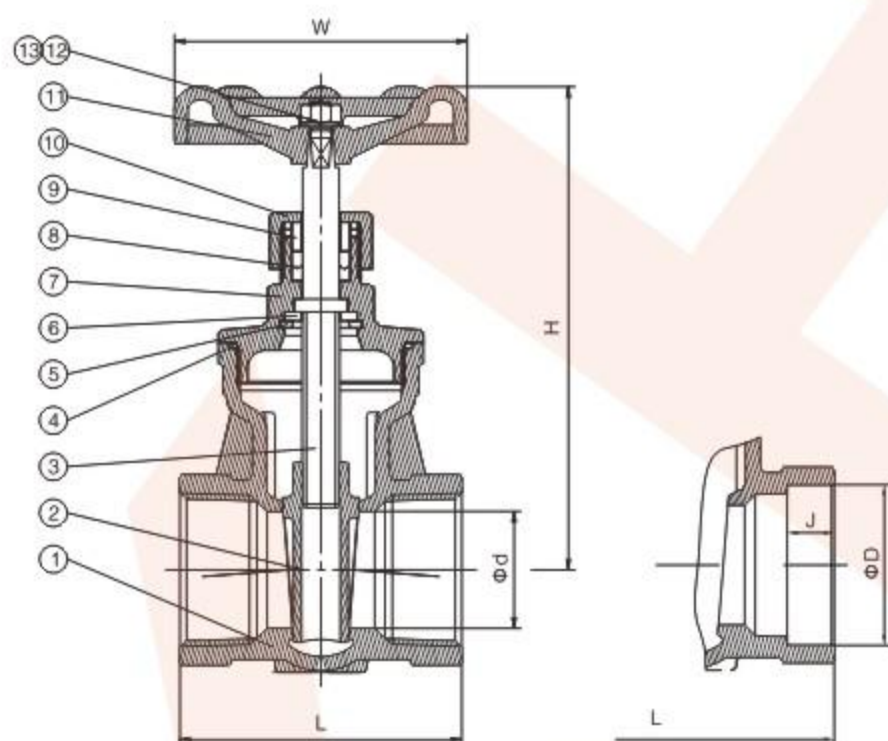
Dimensions

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
1 1/4"	32	32	100	60	170	50	42	3.5	3	11*11	12	43.1	12.5
1 1/2"	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
2 1/2"	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

GATE VALVE THREAD END SOCKET WELD END

Z15W-16P



Features

- 1/2"~2" (DN15~DN50)
- Work pressure W.P.200WOG (PN16)
- Working temperature W.T.: 425 °C
- Precision Casting Investment Casting
- Non rising stem/concealed stem
- Thread end standard: ASME B1.20.1 (NPT), DIN 259/DIN 2999, BS 21, ISO 288-1,ISO 7-1
- Socket weld end: ASME B16.11

Main parts and materials

Number	Name	Material		
1	Body	WCB	CF8	CF8M
2	Wedge disc	CF8	CF8	CF8M
3	Stem	304	304	316
4	Gasket	PTFE		
5	Circlips for shaf	304	304	316
6	Washer	304	304	316
7	Bonnet	WCB	CF8	CF8M
8	Packing	PTFE		
9	Gland	304		
10	Bonnetnut	WCB	CF8	CF8M
11	Handwheel	ZL101		
12	Flatpad	304		
13	Nut	304		

Dimensions

Unit:mm

Size(mm)							
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

GLOBE VALVE THREAD END SOCKET WELD END

J11H-16P

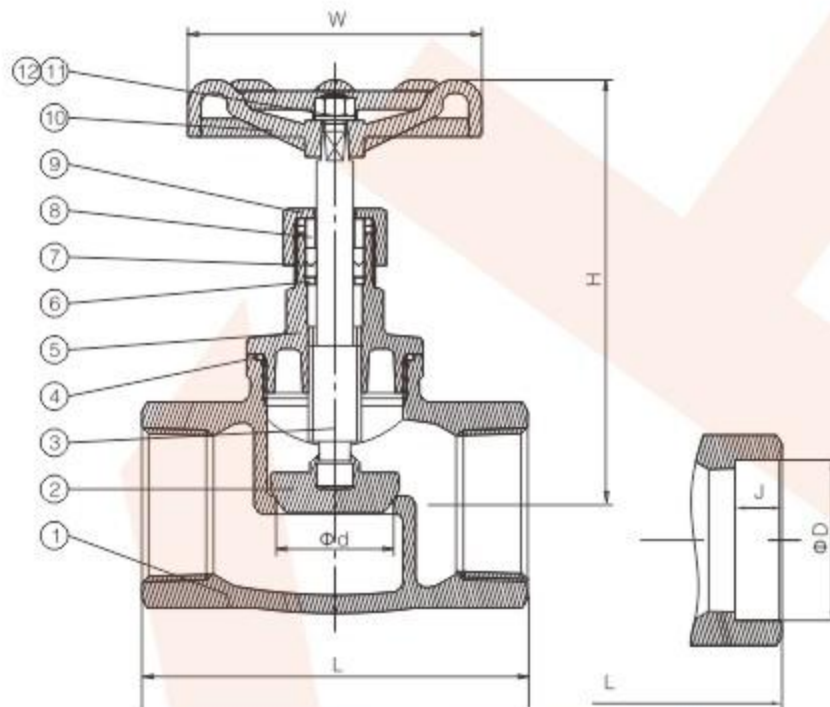


Features

1. 1/2"~2"(DN15~DN50)
2. Work pressure W.P.: 200WOG (PN16)
3. Working temperature W.T.: 425 °C
4. Investment casting for precision casting
5. Rising stem/rising stem
6. Thread end standard: ASME B1.20.1 (NPT), DIN 259/DIN 2999, BS 21, ISO 288-1, ISO 7-1
7. Socket weld end: ASME B16.11

Main parts and materials

Number	Name	Material		
1	Body	WCB	CF8	CF8M
2	Disc	CF8	CF8	CF8M
3	Stem	304	304	316
4	Gasket	PTFE		
5	Bonnet	WCB	CF8	CF8M
6	Washer	304	304	316
7	Packing	PTFE		
8	Gland	304		
9	Bonnet nut	WCB	CF8	CF8M
10	Handwheel	ZL101		
11	Flatpad	304		
12	Nut	304		



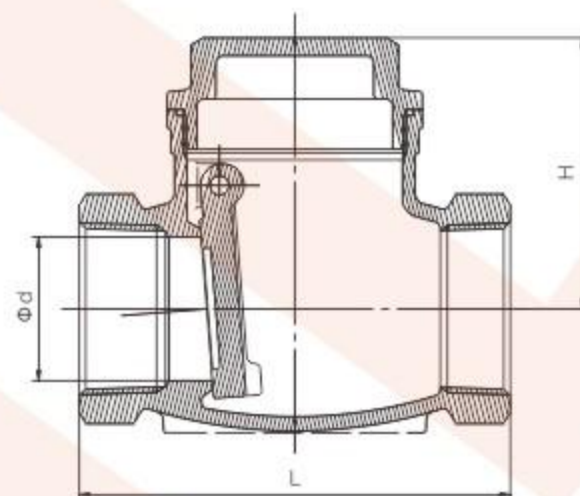
Dimensions

Unit:mm

Size(mm)		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

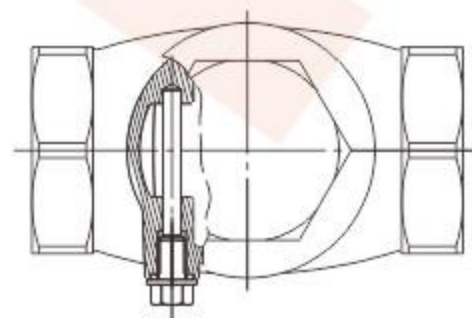
SWING CHECK VALVE THREAD END SOCKET WELD END

H14W-16P



Features

- 1/4"~3"(DN6~DN80)
- Work pressure W.P: 200WOG (PN16)
- Working temperature W.T.: -20 °C~180 °C
- Precision Casting Investment Casting
- Swing type disc
- Precision Grinding Presiciongling
- Thread end standard: ASMEB1.20.1 (NPT),
DIN 259/DIN 2999, BS 21,
ISO 288-1,ISO 7-1
- Socket weld end: ASME B16.11



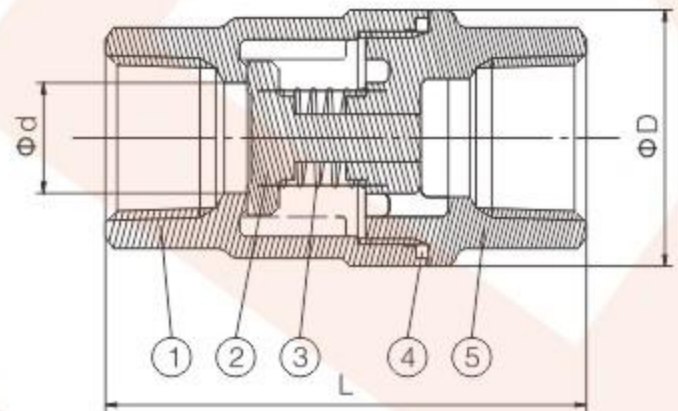
Dimensions

Unit:mm

Size(mm)		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

2PC VERTICAL CHECK VALVE

2PC-H12W-1000



Features

- 1/4"~2"(DN6~DN50)
- Work pressure W.P: 1000WOG (PN63)
- Working temperature W.T.: -20 °C~425 °C
- Precision Casting Investment Casting
- Thread end standard: ASME B1.20.1 (NPT), DIN 259/DIN 2999, BS 21, ISO288-1,ISO7-1

Main parts and materials

Number	Name	Material		
1	Body	WCB	CF8	CF8M
2	Disc	CF8	CF8	CF8M
3	Spring	304	304	316
4	Gasket	PTFE		
5	Bonnet	WCB	CF8	CF8M

Dimensions

Unit:mm

Size(mm)		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