

2-pc Manual Stainless Steel Ball Valve

2-Way Configuration | NPT Thread | 1/4" to 3"



Industrial Applications

- General Industrial Fluid Isolation
- Water Distribution Systems
- Compressed Air Systems
- Pneumatic Utility Lines
- HVAC Water Circulation Systems
- Equipment Isolation for Pumps and Tanks
- Agricultural Water Systems
- Industrial Cleaning Systems
- Filter and Strainer Isolation Service
- Instrumentation Isolation Lines
- Maintenance Bypass Lines
- Plant Utility Piping System

*These are not intended for use in medical life support, combustion, aviation, aerospace, automotive or similar applications.

Valve Specification

Pipe Connection		Max Operating Pressure	Media Temperature (°F)	
Size (in)	Thread Connection		Min	Max
1/4 to 2	NPT Female	1000 WOG	-4	356
2-1/2 to 3	NPT Female	800 WOG	-4	356

Note: Pressure ratings are for water, oil, and gas (WOG) service under non-shock conditions.

Features

- 2-piece body construction for durability and reliable sealing
- Full port design
- Blow-out proof stem design for operational safety
- 304 stainless steel body for corrosion resistance
- Stainless steel internal components for extended service life
- Maintenance friendly construction for ease of servicing
- Suitable for manual isolation service
- Compact and lightweight valve design
- Low operating torque
- Locking handle device for safety and position control
- Bi-directional flow capability
- Bubble-tight shutoff performance
- Investment cast body for improved structural integrity
- Quarter-turn manual lever handle for quick open/close
- Female threaded end connections: NPT (ANSI B1.20.1)

Approval and Compliance

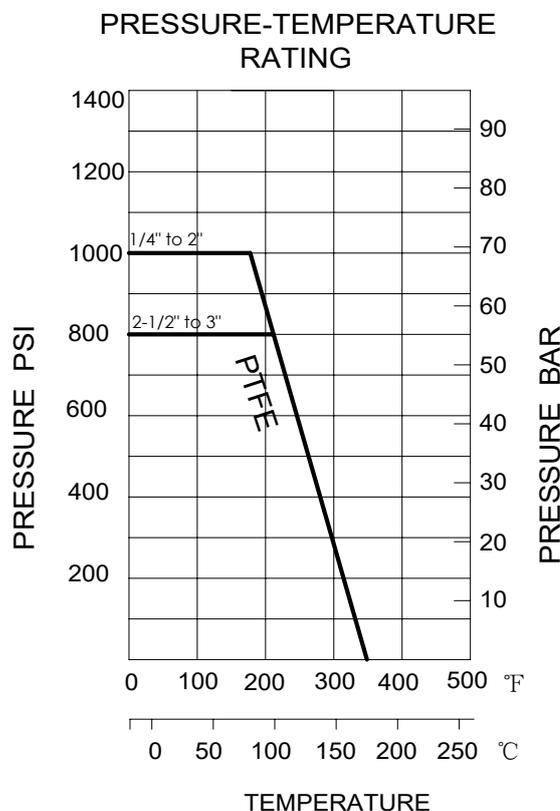
- PED 2014/68/EU
- Casting Approved AD2000-W0
- Inspection Testing: API 598, EN12266-1

Materials of Construction

Valve Parts	Material
Body	SS304
Components	SS304
Ball Seat	PTFE
Packing	PTFE

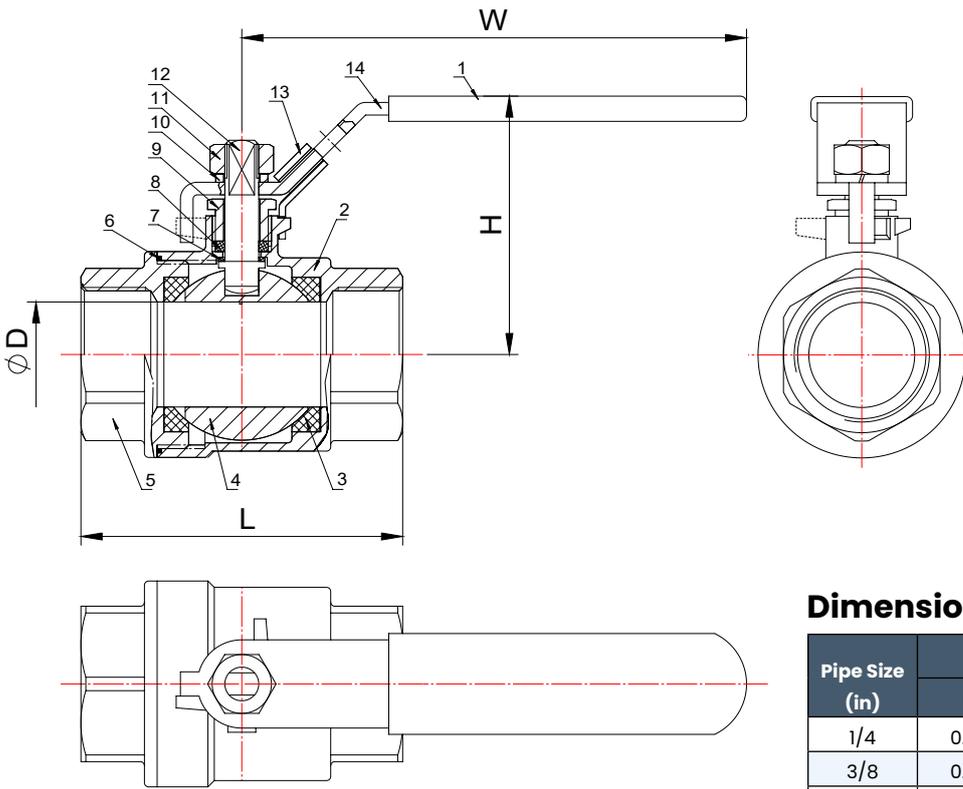
*Consult a chemical compatibility expert for correct seal and valve body material choice.

Pressure-Temperature Rating



2-pc Manual Stainless Steel Ball Valve

2-Way Configuration | NPT Thread | 1/4" to 3"



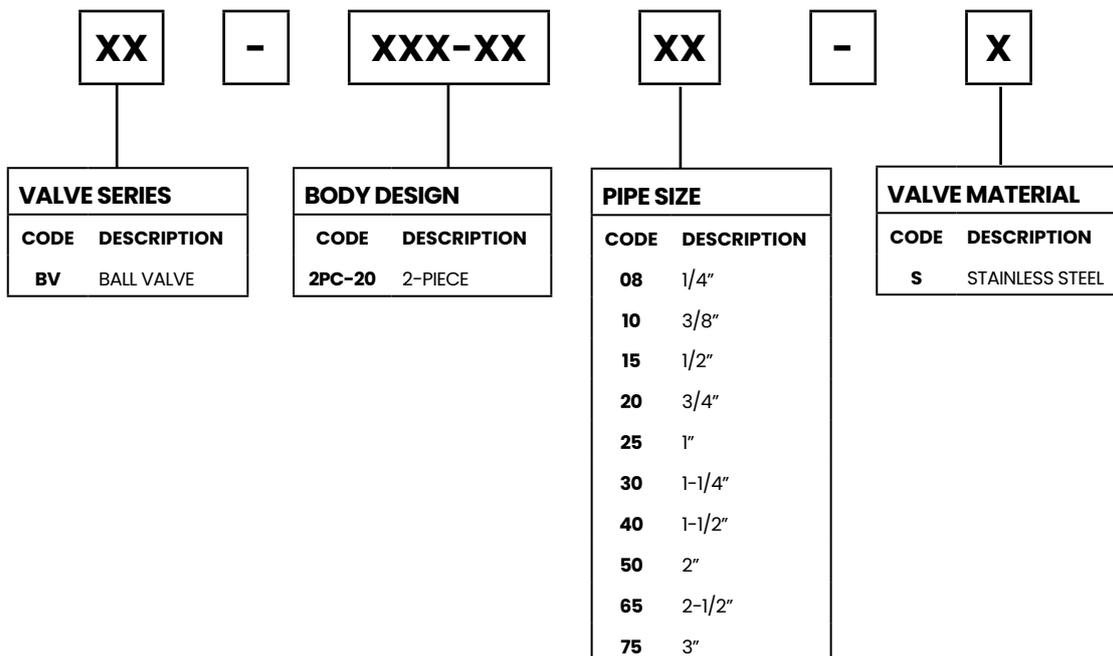
Parts List

No.	Valve Parts	Material	Qty
1	Handle Cover	Plastic	1
2	Body	SS304	1
3	Ball Seat	PTFE	2
4	Ball	SS304	1
5	Cap	SS304	1
6	End Seal	PTFE	1
7	Thrust Washer	PTFE	1
8	Stem Packing	PTFE	1
9	Gland Nut	SS304	1
10	Spring Washer	SS304	1
11	Stem Nut	SS304	1
12	Stem	SS304	1
13	Lock Device	SS304	1
14	Handle	SS304	1

Dimension - Metric

Pipe Size (in)	Dimension (in)				Wt (lbs)
	D	L	H	W	
1/4	0.46	1.91	1.89	3.6	0.36
3/8	0.49	1.91	1.89	3.6	0.36
1/2	0.59	2.22	2.07	4.06	0.54
3/4	0.79	2.56	2.32	4.43	0.81
1	0.98	3.03	2.46	4.43	1.17
1-1/4	1.26	3.43	2.91	5.51	2.00
1-1/2	1.5	3.86	3.05	5.51	2.75
2	1.97	4.69	3.64	6.38	4.28
2-1/2	2.52	5.69	4.65	9.06	8.33
3	2.99	6.54	5.00	9.06	12.12

Product Ordering Code



EXAMPLE:

BV-2PC2008-S - Indicates a 2-piece ball valve, Stainless Steel, 1/4" port size,