

A790 – STAINLESS STEEL BALL VALVE



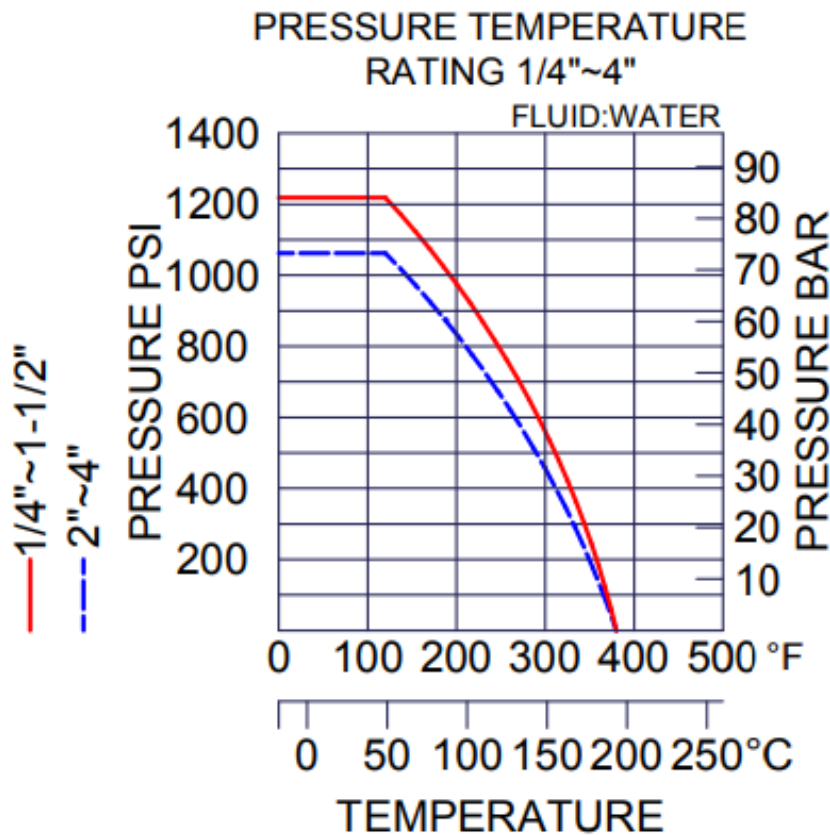
Properties

- BSP threaded connection
- Blow-out proof stem
- Full port
- Locking device
- 3 pc execution
- DIN M3 length

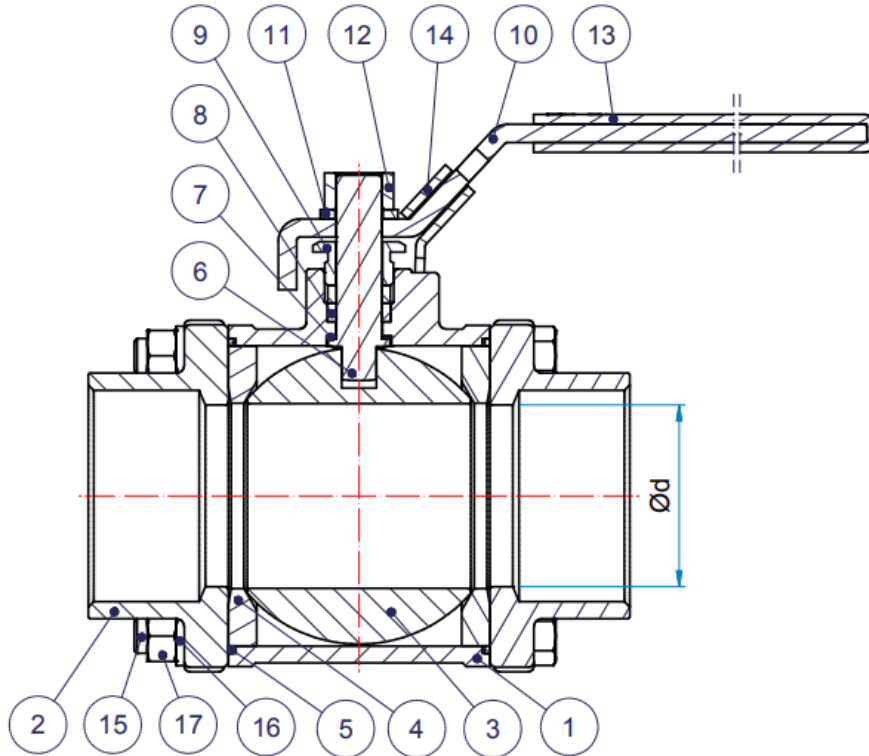


Application

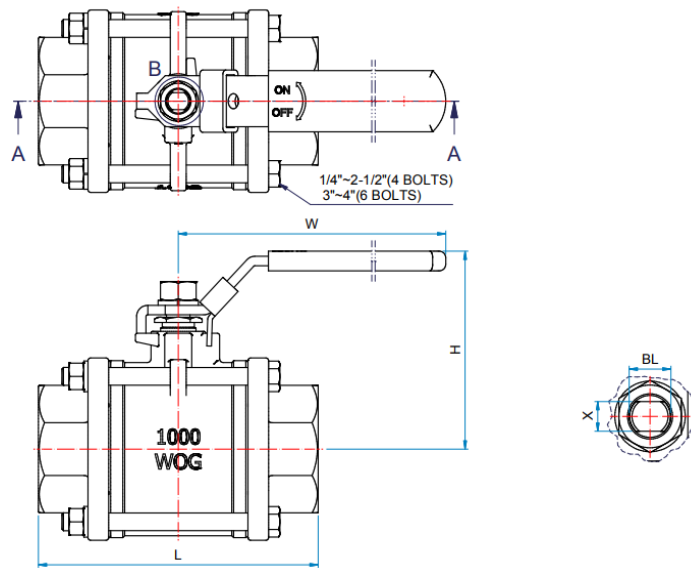
Chemical and pharmaceutical industries, all medium suitable to the material quality of the product.



Materials and size



Item	Description	Materials
1	Body	CF8M
2	Cap	CF8M
3	Ball	CF8M
4	Ball seat	PTFE
5	Joint gasket	PTFE
6	Stem	AISI316
7	Thrust washer	PTFE
8	Stem packing	PTFE
9	Gland nut	AISI304
10	Handle	AISI304
11	Stem washer	AISI304
12	Stem nut	AISI304
13	Plastic cover	Plastic
14	Lock device	AISI304
15	Bolt	AISI304
16	Spring washer	AISI304
17	Hex nut	AISI304



DN	Ød	L	H	W	X	BL
1/4"	11,6	65	51	103	5	5/16"
3/8"	12,7	65	51	103	5	5/16"
1/2"	15	66	55	123	5	5/16"
3/4"	20	81	60	123	6,5	3/8"
1"	25,4	95	74	158	8	7/16"
1-1/4"	32	109	80	158	8	7/16"
1-1/2"	38,1	129	92	188	9	1/2"
2"	50,8	150	101	188	9	1/2"
2-1/2"	65	180	130	243	12	3/4"
3"	80	206	142	243	12	3/4"
4"	100	261	174	323	16	1"

Installation and maintenance

Before installation:

Pipe-line must be cleaned and free from any residuals of welding, shaving, and every kind of contaminations.

Pipe-line must be perfectly aligned and its support properly dimensioned, to avoid external constraint.

Please, use the right product according to the service conditions to seal the valve.

Use the right bolt tightening so the connections won't be damaged.

Cleaning and tests:

Keep the valves open during the cleaning process, to ensure there are no impurities between the ball and the body.

Pressure tests must be done with a cleaned pipe-line.

Open the valves partially for the tests. Pressure test must not exceed the valve specifications according to EN 12266-1.

Maintenance:

It's recommended to operate the valve twice (open and close) 1 or 2 times a year.

When you need to perform any intervention on the valve, make sure the pipe-line is not under pressure, there is no fluid in it and it's isolated.

The temperature must be low enough to operate without risks.

If there is a corrosive fluid, inert installation before intervention.

When the valve is under pressure and there's a leakage at the packing, tighten it slightly so that the leakage disappears.