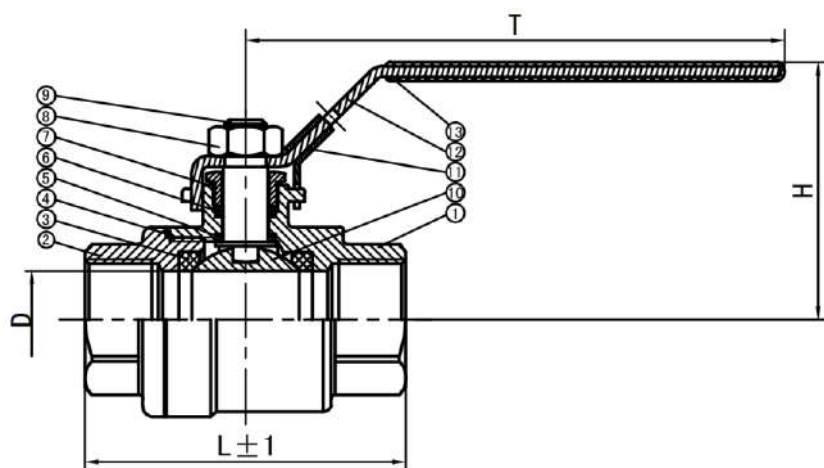


FULL BORE **AISI 316** STAINLESS STEEL BALL VALVE

Range of working temperature from **-29°C** until **+180°C**

Working pressure until **PN63** bar



Nº	COMPONENT	MATERIAL
1	Valve body	AISI 316
2	Lateral bonnet (cap)	AISI 316
3	Ball seat	P.T.F.E.
4	Gasket	P.T.F.E.
5	Thrust washer	P.T.F.E.
6	Packing	P.T.F.E.
7	Gland	AISI 304
8	Handle nut	AISI 304
9	Shaft or stem	AISI 316
10	Ball	AISI 316
11	Slide locking device	AISI 304
12	Lever handle	AISI 304
13	Handle cover	PVC

TECHNICAL FEATURES

- Work range of temperature from -29°C until +180°C
- Maximum work pressure PN63 bar
- Handle locking system in opened position and closed position.
- All parts in contact with flow are made in Stainless Steel AISI 316
- Gaskets and seats are made in P.T.F.E.
- Lever handle made in AISI 304
- The assembled body of valve is formed with 2 parts maximum.
- These valves haven't flow direction, so its position in the installation is indistinct.

CODE	DN	THREAD	D	L	H	T	WEIGHT kg
7650001400	8	1/4"	10	52	48	100	0,177
7650003800	10	3/8"	10	52	48	100	0,178
7650001200	15	1/2"	15	60	60	100	0,245
7650003400	20	3/4"	20	70	64	110	0,362
7650010000	25	1"	25	80	77	137	0,558
7650011400	32	1"1/4	32	93	78	158	1,008
7650011200	40	1"1/2	38	103	90	163	1,308
7650020000	50	2"	50	119	102	172	2,332
7650021200	65	2"1/2	65	160	128	210	4,833
7650030000	80	3"	80	180	135	212	7,220

The data reflected in the above table are the nominal ones for each kind of valve and can be modified without prior notice.

FULL BORE **AISI 316** STAINLESS STEEL BALL VALVE

Range of working temperature from **-29°C** until **+180°C**

Working pressure until **PN63** bar

OPERATION

- To close the flow, turn the handle clockwise. Once closed, the handle must be perpendicular to the flow direction.
- To open the flow, turn the handle anticlockwise. Once opened, the handle must be parallel to the flow direction. For the models with automatic safety lock system, push on the handle to release the safety lock and turn it anticlockwise (push & turn).
- To ensure the correct valve operation, it is absolutely necessary that the valve does not remain **NEVER** in intermediate positions of opening or closing under any reason.
- It is recommend realising opening and closing movements of the valve, along its 90 degrees of turn, once a month at least.

PERIODIC TESTS

- Maintenance operations are not required. It is only recommended realising opening and closing movements of the valve, along its 90 degrees of turn, once a month at least as described in the OPERATION section.
- During the life of the valve, leaking tests required by the current regulations must be carried out.
- Periodically check that the valve has a proper operation, mainly the opening and closing movements along its 90 degrees of turn.
- Also periodically check the general appearing of the valve, ensuring that there are not any damaged part.

CAUTIONS

- Any deterioration or breakage of the valve or part of it requires complete replacement of the same one.
- Deterioration of any part of the valve means non-compliance of with the requirements of the Standards.
- Ensure that the valve is the suitable for the device or network to which we install and allows the flow required for the intended use.
- All the installation must be done in accordance with the existing code of good practice, local laws and approved national regulations.
- To check lacking of leaks in the installation, **NEVER** USE flames or any substance or product that is flammable or susceptible to fire or explosion.
- Do not use this valve for any other purpose than that one that the valve has been designed and manufactured, under any circumstance.

INSTALLATION

- Check that pipes of the installation in which the valve is to be installed are free of gas or any flammable product or substance, as well as any other product which can damage the vital parts of the sealing elements. It is mandatory to clean installation's pipes prior to the valve installation, guaranteeing the absence of strange elements which could damage the closing and sealing system of the valve.
- Assemble the valve to network device or pipe using always suitable sealing elements and fittings for each type of valve. These fittings must carry out with regulations' and standards' specifications required by the current regulations.
In case the fittings used require welding operations, **DO NOT** make such operations with the fitting connected to the valve, an excess of temperature could damage its vital parts of the sealing system. Also, be sure to remove all the fitting's parts that are rubber or liable to be damage in the welding process.
- Always assemble the valve to its connection ends designed for this purpose. **DO NOT** do it for the body, neck or handle.
- Check that connections are free of tensions, whether traction, compression, torque, bending or shearing.
- **NEVER** hit any part of the valve under any circumstances.
- **DO NOT** alter or modify any part of the valve or its components.
- Once the installation is finished, it is mandatory to carry out leaking tests required by the current regulations. These tests must always be prior to putting on service of the device or network.