

# INDUSTRIAL FITTINGS - valves

## Ball valves



### Ball valve LS

**Body material:** AISI 316 steel  
**Ball material:** AISI 316 steel  
**Handle material:** AISI 316 steel  
**Seal:** Body - Viton  
           Ball - nylon  
**Stem seal:** TFE  
**Connection:** NPT female thread  
**Working temp.:** Up to +100°C

Ball valves, LS type, can be reliably used for the most demanding applications. They are intended for such media as: H<sub>2</sub>S, CO<sub>2</sub>, salt water and other highly corrosive fluids. Maintenance free - does not require any lubrication during whole service life. Manufactured according to NACE standard (NACE - international organisation which provides corrosion prevention and control solutions for mining, petrochemical, gas and chemical industry).

code	thread size [inch]	flow diameter [mm]	working pressure [bar]	length [mm]	weight [kg]
BL-LS-02592	1/4	9.4	207	66.5	0.41
BL-LS-05561	1/2	9.4	138	63.5	0.34
BL-LS-05591	1/2	9.4	207	76.2	0.45
BL-LS-07592	3/4	19	207	95.3	1.14
BL-LS-10561	1	19	138	95.3	0.91
BL-LS-10591	1	19	207	104.6	1.14



### Ball valve 4500 type

**Body material:** Nickel-plated brass  
**Ball material:** Chrome-plated brass  
**Ball seal:** PTFE  
**Stem seal:** FKM  
**Connection:** BSP female thread  
**Working temp.:** From -20°C up to +95°C

A general purpose ball valve with a mounting pad for an actuator designed for industrial installations. Used for air, gases, water, steam, chemicals, petrochemical products, etc. Working pressure depends on working temperature.

code	DN	thread size [inch]	actuator type ISO 5211	length [mm]	working pressure [bar]
RV-4500-15	15	1/2	M1 (F03)	59	40
RV-4500-20	20	3/4	M1 (F03)	69	40
RV-4500-25	25	1	M1 (F03)	83	40
RV-4500-32	32	1.1/4	M4 (F05)	94	40
RV-4500-40	40	1.1/2	M4 (F05)	102	40
RV-4500-50	50	2	M4 (F05)	124	40