

COMPACT BALL SHUT-OFF VALVE

Description



Barberi® ball shut-off valves of these series are equipped with running nut and flat seal. These components are normally used directly connected to pumps, water storages, distribution manifolds, heat exchangers, metering devices or wherever a flat seal is necessary to make the disassembling easier. The feature of these valves is the compact shape both in length and in width thanks to the absence of handles. This feature makes the valves suitable to be integrated in closed systems and narrow spaces. The ball can be open or closed by using a flat screwdriver.

Range of articles

- Series P40** Compact ball shut-off valve with pump connection and compression end
- Series P41** Compact ball shut-off valve with pump connection and and female connection
- Series P41.I2** 2 compact ball shut-off valves with pump connection and and female connection

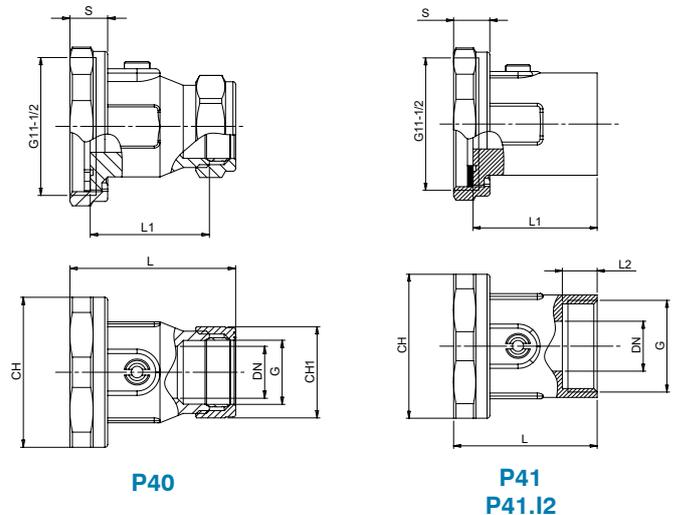
Features

Maximum working temperature: **95 °C**
 Maximum working pressure: **6 bar**
 Female threaded connections: **EN 10226-1**
 Compression connections: **EN 1254-2**
 Suitable fluids: **water, glycol solutions (max 30%)**

Materials

Body and nut: **brass EN 12165 CW617N**
 Control stem: **brass EN 12164 CW614N**
 Ball: **brass EN 12164 CW614N**
 Gaskets: **NBR and non asbestos fiber**

Dimensions



Code	G1	G	DN	L [mm]	L1 [mm]	L2 [mm]	S [mm]	CH [mm]	Peso [kg]	N. P/B	N. P/C
P40022000	G 1 1/2 RN	22 mm	18	56	41	-	13	52	0,223	6	48
P40028000	G 1 1/2 RN	28 mm	18	55	39	-	13	52	0,262	6	48
P41025000	G 1 1/2 RN	G 1 F	18	52	45	13	13	52	0,260	6	48
P41025000I2	G 1 1/2 RN	G 1 F	18	52	45	13	13	52	0,540	6	48

N. P/B: number of pieces in box - N. P/C: number of pieces in carton

Installation

The ball shut-off valves of these series can be installed in any position.

Specifications

Series P40

Compact ball shut-off valve with pump connection and compression end for copper pipe. Threaded connections G 1 1/2 RN - 22 mm for copper pipe (and G 1 1/2 RN - 28 mm for copper pipe). Brass body and nut; brass control stem; brass ball; NBR and non asbestos fiber gaskets. Maximum working temperature 95 °C; maximum working pressure 6 bar. Suitable fluids water, glycol solutions (max 30%).

Series P41

Compact ball shut-off valve with pump connection and female connection. Threaded connections G 1 1/2 RN - G 1 F. Brass body and nut; brass control stem; brass ball; NBR and non asbestos fiber gaskets. Maximum working temperature 95 °C; maximum working pressure 6 bar. Suitable fluids water, glycol solutions (max 30%).

Series P41.I2

Pair of compact ball shut-off valves with pump connection and female connection (2 valves of P41 series). Threaded connections G 1 1/2 RN - G 1 F. Brass body and nut; brass control stem; brass ball; NBR and non asbestos fiber gaskets. Maximum working temperature 95 °C; maximum working pressure 6 bar. Suitable fluids water, glycol solutions (max 30%).