



BOSS™ 965S

Full Bore Lever Ball Valve

Data Sheet

General Description

A full bore, female x female parallel threaded bronze lever ball valve suitable for use with water and air.

Product Codes

15 mm	37171011
20 mm	37171022
25 mm	37171033
32 mm	37171044
40 mm	37171055
50 mm	37171066

Technical Specification

Connections

Parallel Threaded Female x Female to ISO 228/1

Design according to

MSS-SP110

Air testing according to

EN 12266-1

Max Pressure rating

Max 40bar up to 95 deg C, max 10bar at 185 deg C

Temperature Rating

Water -10 deg C to +185 deg C

below 0 deg C only for water with added antifreeze fluids

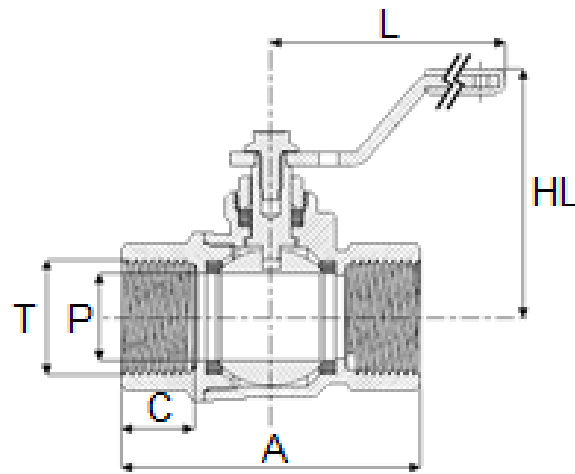
Air -10 deg C to +185 deg C

Not suitable for gases and liquids group 1 (Dir. 2014/68/EU)

Materials of Construction

Fixed End	Bronze	EN 1982 CB491K
Stem	Brass	EN 12164 CW617N
Ball	Chromium Plated Brass	EN 12165 CW617N
Seat	PTFE	
Body	Bronze	EN 1982 CB491K
Packing Ring	PTFE	
Packing Nut	Brass	EN 12164 CW617N
Screw	Geomet Steel	EN 10025 Fe P11
Handle (PVC Coated)	Geomet Steel	EN 10025 Fe P11

Dimensions



Nominal Size		A	C	P	HL	L	Kv	Weight	Product Code
DN	mm	mm	mm	mm	mm	mm	m3/hr	kg	
15	½	57	15.5	15	54	91.5	15.7	0.26	37171011
20	¾	67	16.5	20	58	91.5	30.8	0.36	37171022
25	1	77	19.5	25	65	126.5	49.3	0.60	37171033
32	1 1/4	91	21.5	32	71	126.5	79.0	0.93	37171044
40	1 1/2	103	21.5	40	83	141.5	125.3	1.41	37171055
50	2	122	25.0	50	91	141.5	224.2	2.10	37171066