



BOSS™ 965NREXT

Full Bore Lever Ball Valve

Data Sheet



General Description

A full bore, female x female parallel threaded bronze lever ball valve with non rotating extension stem designed for use in Chilled water applications.

Product Codes

15 mm	37171107
20 mm	37171118
25 mm	37171129
32 mm	37171140
40 mm	37171151
50 mm	37171162

Technical Specification

Connections

Air testing according to

Max Pressure rating

Temperature Rating

Parallel Threaded Female x Female to ISO 228/1

EN 12266-1

PN25 (Max 25bar up to 110 deg C, max 16bar above)

PN16 when used with air

Water 0 deg C to +150 deg C

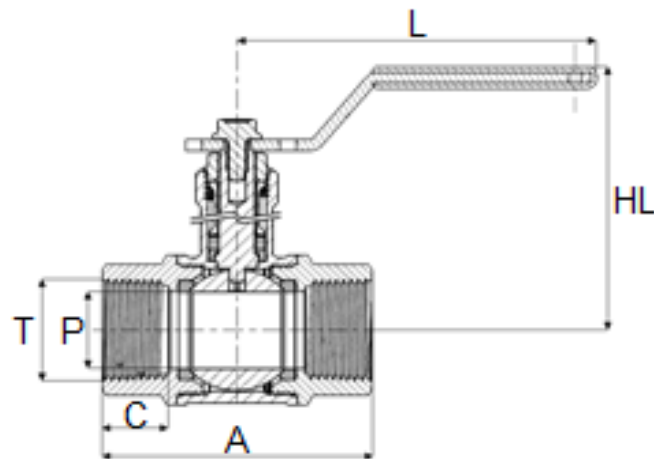
Air -10 deg C to +150 deg C

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

Materials of Construction

Fixed End	Bronze	EN 1982 CB491K
Non Rotating Stem	Brass	EN 12164 CW617N
Ball	Chromium Plated Brass	EN 12165 CW617N
Seat	PTFE	
Body	Bronze	EN 1982 CB491K
Antifriction ring	DZR Brass	EN12164 CW602N
Packing Ring	PTFE	
Packing Nut Extension	Brass	EN 12164 CW617N
Packing Nut	Brass	EN 12164 CW617N
Screw	Geomet Steel	EN 10025 Fe 42
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	98	91.5	15.7	0.35	37171107
20	¾	69	16.5	20	102	91.5	30.8	0.46	37171118
25	1	77	19.5	25	111	126.5	49.3	0.74	37171129
32	1 1/4	90	21.5	32	116	126.5	79.0	1.12	37171140
40	1 1/2	103	21.5	40	132	141.5	125.3	2.27	37171151
50	2	123	25.0	50	140	141.5	224.2	3.64	37171162