



Low pressure ball valves

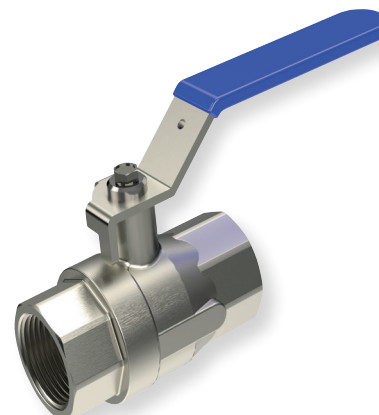
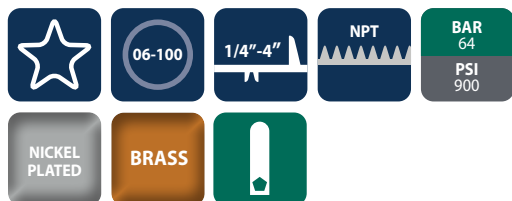


LBVB Series



INTRODUCTION

Holmbury's low pressure ball valve series two-way ball valves are designed to suit a wide range of applications. These should not be used as flow control valves, therefore always be fully open or closed.



CONSTRUCTION

- Material: Brass (nickel plated), Handle(steel).
- Seal Material – NBR, FKM & PTFE
- Available in NPT threads (other threads available)

FEATURES

- Floating ball design maximizes sealing
- Full bore valves provide unrestricted flow path for negligible pressure drop
- Open to close in 1/4 turn
- Offset handle allows clearance for easy operation

ACCESSORIES

- Spare handles are available

SPECIFICATIONS

- Operating temperatures (With NBR seals):
-40°C (-40°F) to 106°C (223°F)

CERTIFICATIONS

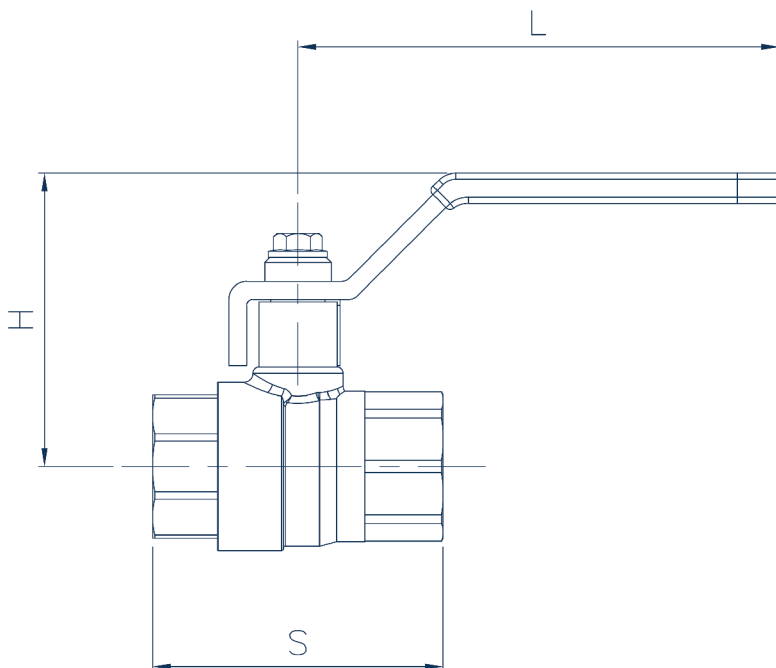
- UNI EN 13828 – Potable Water Supply in Buildings
- BS EN 331 – UKCA Certificate of Constancy of Performance (Gas Installations in Buildings)
- EN 331 – Certificate of Constancy of Performance (Gas Installations in Buildings)
- WRAS Approved
- EU Certificate of Quality Assurance of the Production Process, Compliant to Annex 3 of Directive 2014/68/EU – PED

APPLICATIONS

- General hydraulic systems
- Instrumentation and gauges

LBVB PERFORMANCE CHARACTERISTICS

Body Size	LBVB06 to LBVB12	LBVB19 to LBVB64	LBVB80	LBVB100
	Pressure in bar Pressure in PSI			
Maximum working pressure	64	40	32	25
	900	600	500	400



LBVB SERIES

Body Size	Part Number	Thread Size	H		S		L	
			mm	inch	mm	inch	mm	inch
06 (1/4)	LBVB06-04N	1/4 NPTF	41.0	1.61	44.8	1.76	81.0	3.19
10 (3/8)	LBVB10-06N	3/8 NPTF	46.0	1.81	44.8	1.76	81.0	3.19
12 (1/2)	LBVB12-08N	1/2 NPTF	48.7	1.92	48.2	1.90	81.2	3.20
19 (3/4)	LBVB19-12N	3/4 NPTF	54.5	2.15	54.5	2.15	91.0	3.58
25 (1)	LBVB25-16N	1 NPTF	58.5	2.30	68.3	2.69	91.0	3.58
32 (1 1/4)	LBVB32-20N	1 1/4 NPTF	69.5	2.74	76.3	3.00	121.0	4.76
40 (1 1/2)	LBVB40-24N	1 1/2 NPTF	82.0	3.23	88.5	3.48	136.0	5.35
50 (2)	LBVB50-32N	2 NPTF	94.0	3.70	104.7	4.12	161.0	6.34
64 (2 1/2)	LBVB64-40N	2 1/2 NPTF	104.8	4.13	126.2	4.97	161.0	6.34
80 (3)	LBVB80-48N	3 NPTF	143.0	5.63	146.7	5.78	266.0	10.47
100 (4)	LBVB100-64N	4 NPTF	159.5	6.28	177.2	6.98	266.0	10.47

For all other configurations or thread types please contact the sales office.