

Brass full bore quarter turn ball valve

Yellow lever handle, compression ends, PN16.

SIZES

Compression connections EN1254-2

Range	15	22	28	35	42	54
Code	BR 001	BR 002	BR 003	BR 004	BR 005	BR 006

DIMENSIONS (mm)

Range	15	22	28	35	42	54
A Face to Face	77	85	100	120	135	160
B Centre Line to Lever	46	54	57	62	77	84
Weight kg	0.24	0.41	0.59	0.875	1.46	2.35

FLOW RATES (m³/h)

Range	15	22	28	35	42	54
Kv	17.0	41.0	70.0	121.0	200.0	292.0

*Kv - flow rate in m3 per hour at a pressure drop of 1 bar.

VALVE SUITABILITY

Steam	Water	Oil	Air	Gas Inert	Gas Combustible†	Gas Corrosive††	Gas Oxygen
✓	✓	✓	✓	✓	✓	✓	✗

† The valves are suitable for British Gas Applications Family Gases 1, 2 and 3 †† Suitable in applications where moisture is completely absent.
Gas Application Conditions: -20°C to +60°C maximum 5 bar. BritishGas (MOP 5). LPG: maximum 10 bar. Air: maximum 10 bar.

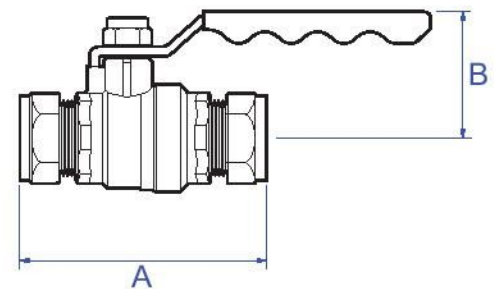
MATERIAL SPECIFICATION

Component	
Body	Forged brass, Chrome plated
End Piece	Forged brass, Chrome plated
Ball	Brass bar, Chrome plate (15mm) Forged Brass, Chrome plated (22 to 54mm)
Stem	Brass bar
Seats	PTFE (Teflon)
Thrust Washer	PTFE (Teflon)
Stem 'O' ring	Viton
Lever (Red Yellow or Blue)	High temperature PVC insulated zinc plated steel
Nut (Self locking)	Zinc plated steel
Compression Nut	Forged Brass, Chrome Plated
Compression Cone	Brass

MAXIMUM PRESSURE CONDITIONS

Size	Maximum Pressure Conditions (bar)		Test Pressures (bar)	
	(Cold working) Temperatures up to 30°C	(Hot working) Temperatures up to 120°C	Shell	Seat
15 to 54mm	16.0	5.0	24.0	17.6
Size	Maximum Pressure Conditions (psi)		Test Pressures (psi)	
	Temperatures up to 212°F	Temperatures up to 302°F	Shell	Seat
15 to 54mm	232.1	72.5	348.1	253.8

Temperature range - 10°C + 120°C (non shock)



PRESSURE EQUIPMENT DIRECTIVE CATEGORY

Sizes					
15	22	28	35	42	54
SEP	SEP	SEP	Cat 1	Cat 1	Cat 1

Cat 1 carries CE Mark suitable for group 1 liquids and gases and group 2 liquids

PRESSURE & TEMPERATURE RATINGS

