



## Brass ball valve

### Product Overview

Valtrix make Forged Brass Ball Valve is engineered for dependable shutoff and long service life in plumbing, HVAC, and general industrial applications. Manufactured from high-quality forged brass, it offers superior strength, corrosion resistance, and leak-tight performance. The precision-machined ball ensures smooth, low-torque operation, while its compact design allows easy installation in tight piping layouts. Built to industry standards, this valve delivers consistent reliability across a wide range of fluid systems.



### General Specifications:

Parameter	Specification
Valve Type	2-Piece Forged Brass Ball Valve
Sizes	DN15 - DN50 (½" to 2")
End Connection	Screwed End (BSP)
Pressure Rating	PN25 / PN40 (depending on design)
Temperature Range	-10°C to +120°C (PTFE seats)
Thread Standard	ISO 228/1 (BSPP)
Operation	Lever Operated

### Material Construction & Standards:

Component	Material Options	Material Standards (Typical)
Body	Forged Brass	ASTM B283 / CW617N (EN 12165)
Cap / End Piece	Brass	ASTM B283 / CW617N
Ball	Chrome Plated Brass	ASTM B16 / EN 12165
Stem / Spindle	Brass	ASTM B16 / CW614N
Seat	PTFE	ASTM D4894 / EN 12086
Stem Packing	PTFE	ASTM D4894
Gland Nut	Brass	ASTM B16
Handle	Steel with PVC Sleeve/Aluminium	Manufacturing Standard
O-Rings (if any)	NBR / EPDM	ASTM D2000 / EN 681-1
Fasteners	Stainless Steel	ASTM A276 / AISI 304



### Performance & Operational Data:

Feature	Details
Flow Characteristic	Full Bore (High Cv)
Maximum Working Pressure	Up to 25 Bar
Seal Type	Soft-seated (PTFE)
Ball Movement	Quarter-turn (90°)
Leakage Class	Class VI (Bubble-tight)
Medium	Water, Air, Oil, Gas (Non-corrosive), HVAC, Plumbing Lines

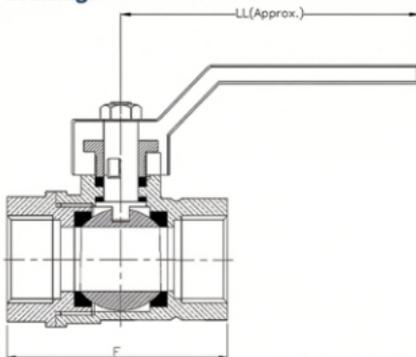
### Testing Data:

Test	Standard
Shell Test Pressure	1.5 x Rated Pressure
Seat Test Pressure	1.1 x Rated Pressure

### Dimensions:

DN in mm	DN in inches	F±2	LL (Approx.)
15	1/2"	50	105
20	3/4"	56	128
25	1"	66	128
32	1 1/4"	75	170
40	1 1/2"	88	170
50	2"	105	210

### Drawing:



### Notes:

Product images are for reference only; actual products may differ based on model and manufacturing variations. Dimensions and specifications are subject to change as part of ongoing product improvements. Please verify all details prior to placing an order.

