

### BRONZE BALL VALVE (PLBNBV25)



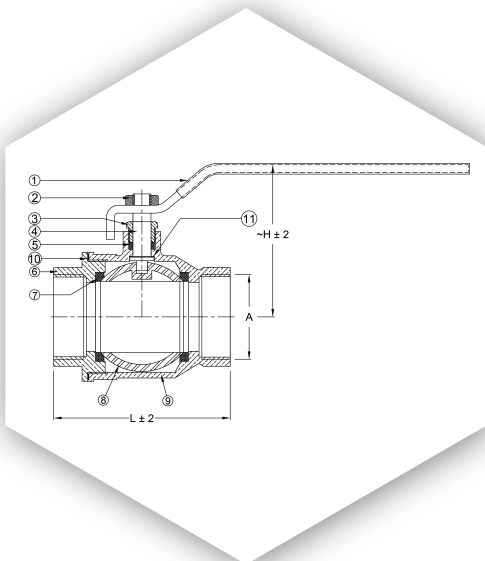
### FEATURES & BENEFITS

- Light, compact and easy to install and operate.
- Quarter Turn rotary motion ball to stop and start the flow.
- Fast action shut-off, Quarter turn to open or close.
- Perfect tight shut-off and Improved leak protection.
- More resistant to damage during installation.
- Efficient stop valves with fluid flow in either direction.
- The straight through design offers less resistance to flow and reduces pressure drop to a minimum.
- Robust construction for long life and high quality bronze body
- Full bore design to facilitate optimal flow rates with minimum turbulence.

### MATERIAL SPECIFICATION

Part No.	Part Name	Material
1	HANDLE	MILD STEEL
2	NUT	MILD STEEL
3	GLAND	BRONZE: BS EN 1984 CC 491 K
4	STEM	STAINLESS STEEL (AISI 410)
5	PACKING RING	TEFLON (PTFE)
6	BONNET	BRONZE: BS EN 1984 CC 491 K
7	SEAT	TEFLON (PTFE)
8	BALL	STAINLESS STEEL (AISI 410)
9	BODY	BRONZE: BS EN 1984 CC 491 K
10	GASKET	TEFLON (PTFE)
11	STEM GASKET	TEFLON (PTFE)

### DIMENSIONAL DRAWINGS



### DIMENSIONS & WEIGHTS

Size	A	L	H	Weight (kg)
15 MM	1/2" BSP	60	56	0.34
20 MM	3/4" BSP	69	64	0.48
25MM	1" BSP	76	65	0.64
32MM	1-1/4" BSP	85	82	1.13
40MM	1-1/2" BSP	99	98	1.71
50MM	2" BSP	125	108	2.47

### PRESSURE / TEMPERATURE RATING

Pressure Rating	25 bar
Temperature	-10 to 85 °C

### TEST PRESSURES

Shell	37.5 bar
Seat	27.5 bar

### SPECIFICATION

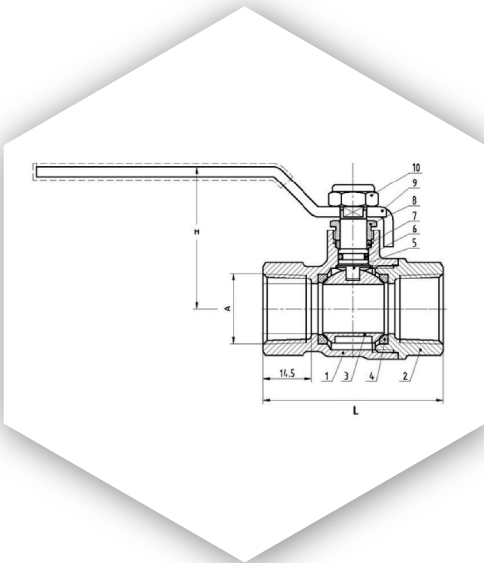
- Ball made of Stainless steel, PTFE seats and stem seal.
- Lever made of mild steel with plastic coating.
- Lever operated.
- End connection threaded to BS EN 10226-2 (ISO 7-1).
- Testing standard: BS EN 12266-2.

TFL Valves Quality Policy Is Complete Satisfaction Of Customers. According To That We Have Selected QUALITY As A Strategic factor in application to all our organization. Our purpose is to reinforce competitiveness, to ensure customer satisfaction, to improve process related with product quality and guarantee accomplishment of quality requirements.

### PB2 BRONZE BALL VALVE (PLBNBV25)



### DIMENSIONAL DRAWINGS



### DIMENSIONS & WEIGHTS

Size	A	L	H	Weight (kg)
15 MM	1/2" BSP	54	42.5	0.20
20 MM	3/4" BSP	62	42.5	0.35
25MM	1" BSP	74	70	0.64
32MM	1-1/4" BSP	85	82	1.13
40MM	1-1/2" BSP	99	92	1.71
50MM	2" BSP	125	105	2.47

### FEATURES & BENEFITS

- Light, compact and easy to install and operate.
- Quarter Turn rotary motion ball to stop and start the flow.
- Fast action shut-off, Quarter turn to open or close.
- Perfect tight shut-off and Improved leak protection.
- More resistant to damage during installation.
- Efficient stop valves with fluid flow in either direction.
- The straight through design offers less resistance to flow and reduces pressure drop to a minimum.
- Robust construction for long life and high quality bronze body
- Full bore design to facilitate optimal flow rates with minimum turbulence.
- Lead content of the Valve PB<2% ensure suitability of the material for potable water applications.

### MATERIAL SPECIFICATION

Part No.	Part Name	Material
1	BODY	PHOSPHOR BRONZE (BS:1400:PB2)
2	BONNET	PHOSPHOR BRONZE (BS:1400:PB2)
3	BALL	STAINLESS STEEL (SS 304)
4	SEAT	PTFE
5	STEM	BRASS (CW617N)
6	O-RING	NBR
7	PACKING	PTFE
8	PACKING NUT	HPb57-3
9	HANDLE	Q235A
10	HEX NUT	S.S304

### PRESSURE / TEMPERATURE RATING

Pressure Rating	25 bar
Temperature	-10 to 140 °C

### TEST PRESSURES

Shell	37.5 bar
Seat	27.5 bar

### SPECIFICATION

- Ball made of Stainless steel, PTFE seats and stem seal.
- Lever made of mild steel with plastic coating.
- Lever operated.
- Design: BS EN 12288.
- End connection theraded to BS EN 10226-2 (ISO 7-1).
- Testing standard: BS EN 12266-2.

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