

Series FBV-25/25N

Bronze Ball Valve

Size: DN15-DN50

The Watts FBV-25 Bronze Ball Valve is light compact design, easy to install and operate. The series is designed to be used for water, oil and gas applications.

Features

- Light, compact, and easy to install and operate
- Minimal pressure drop due to full size ports
- Low operating torque

Pressure-Temperature

- Nominal Pressure: PN25
- Temperature Range: 0°C~170°C

Test Pressures

Pneumatic	Hydraulic
Shell: 6 bar	Shell: 37.5 bar
Shell: 6 bar	Seat: 27.5 bar

Material

No.	Component	Material	Standard
1	Seat Retainer	Bronze	CC491K
2	Gasket	PTFE	
3	Seat	PTFE	
4	Ball	Brass	CW614N
5	Body	Bronze	CC491K
6	Stem	Brass	CW614N
7	Stem Gasket	PTFE	
8	Packing	PTFE	
9	Gland Nut	Brass	CW614N
10	Lever	Carbon Steel	Q235
11	Lever Cover	PVC	
12	Gasket	Steel	65Mn
13	Lever Nut	Brass	CW614N

Installation Dimensions

DN	d	L	L1	H	A	Weight(kg)
DN15	14	53	95	44	12	0.219
DN20	19	61	110	51	13	0.359
DN25	24	71	110	55	14.5	0.519
DN32	31	85	140	65	16.5	0.801
DN40	38	92	140	70	16.5	1.03
DN50	49	114	160	83	21	1.798

*Available in both connections standard BSPT & NPT



Specification

- Connection Standard: Threaded to BS21 BSPT, Available with NPT threading Model FBV-25N
- Test Standard: BS6755
- Medium: water, oil, steam

Approval

