

## BRONZE BALL VALVE

### SPECIFICATION

SCREWED BODY CAP • FULL BORE  
BLOW-OUT PROOF STEM • PTFE SEAT  
THREADED TO BS 21 (ISO 7) / ASME B1.20.1  
SIZE RANGE : 15mm(1/2") ~ 100mm (4")

### PRESSURE RATINGS

Working Pressure	600 psi (41.3 bar) WOG Non-Shock 150 psi (10.3 bar) Saturated Steam
Testing Pressure	Shell : 900 psi (62 bar) Hydrostatic Seat : 660 psi (45.5 bar) Hydrostatic 80 psi (5.5 bar) Air

### MATERIALS

Part	Material	ASTM	BS
Body	Bronze (Gunmetal)	B584 C84400	1400 LG1
Cap	Bronze (Gunmetal)	B584 C84400	1400 LG1
Ball	Brass (Chrome Plated)	B16 C36000	2874 CZ121
Seat	PTFE		
Stem	Brass Rod	B16 C36000	2874 CZ121
O-Ring	NBR		
Handle	Steel (Chrome Plated)	A709 36	4360 40B

### DIMENSIONS

Size		L		H		I	
mm	inch	mm	inch	mm	inch	mm	inch
10	3/8	49	1.9	40	1.6	80	3.1
15	1/2	54	2.1	47	1.9	80	3.1
20	3/4	60	2.4	50	2.0	82	3.2
25	1	72	2.8	59	2.3	102	4.0
32	1-1/4	80	3.2	68	2.7	131	5.2
40	1-1/2	93	3.7	72	2.8	131	5.2
50	2	110	4.3	90	3.5	153	6
65	2-1/2	135	5.3	121	4.8	225	8.8
80	3	149	5.9	133	5.2	277	10.9
100	4	174	6.9	158	6.2	277	10.9

Note:

1. If used for gas application, please consult our sales office.
2. Design and specifications are subject to change without prior notice.

**GBV**

**Type 600**

