

## BRONZE GATE VALVE

### SPECIFICATION

MSS SP-80  
SCREWED-IN BONNET • SOLID WEDGE DISC  
NON-RISING STEM • INTEGRAL SEAT • ASBESTOS FREE  
THREADED TO BS 21 (ISO 7) / ASME B1.20.1 OR NPT

### PRESSURE RATINGS

Working Pressure	25 bar C.W.P. 10.3 bar Saturated Steam
Testing Pressure	Shell: 37.5 bar Hydrostatic Seat: 27.5 bar Hydrostatic 80psi (5.5 bar) Air
Working Temperature	-10°C ~ 180°C
Suitable Media	Water & Oil

### MATERIALS

Part	Material	ASTM
Body	Bronze	C83600
Bonnet	Bronze (for size 15A~25A) Brass (for size 32A~100A)	C83600 C37700
Disc	Bronze	C83600
Stem	Brass	C37700
Packing	PTFE	
Packing Nut	Brass	C36000
Gland	Brass	C36000
Handwheel	Aluminium	

### DIMENSIONS

Size		L		H		D	
mm	inch	mm	inch	mm	Inch	Mm	inch
15	½	48.0	1.9	72.5	2.9	60.0	2.4
20	¾	50.5	2.0	84.5	3.2	70.0	2.8
25	1	59.5	2.3	99.0	3.9	70.0	2.8
32	1¼	65.5	2.6	117.0	4.6	80.0	3.2
40	1½	70.5	2.8	131.0	5.2	90.0	3.5
50	2	75.0	2.9	164.0	6.5	100.0	4.0
65	2½	99.5	3.9	189.0	7.4	119.0	4.7
80	3	108.0	4.3	227.0	8.9	140.0	5.5
100	4	121.0	4.8	268.0	10.6	140.0	5.5

Note:

- Design and specifications are subject to change without prior notice.

**GGV**

**Class 150**

