

## 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  
SIZE RANGE : 15mm (1/2") ~ 100mm (4")

### PRESSURE RATINGS

Working Pressure	300 psi (20.7 bar) WOG Non-Shock 150 psi (10.3 bar) Saturated Steam
Testing Pressure	Shell : 450 psi (31 bar) Hydrostatic Seat : 330 psi (22.7 bar) Hydrostatic 80 psi (5.5 bar) Air
Suitable Media	Water & Oil

### MATERIALS

Part	Material	ASTM	EN
Body	Bronze (Gunmetal)	B62 C83600	CC491K
Bonnet	Bronze (Gunmetal)	B62 C83600	CC491K
Disc	Bronze (Gunmetal)	B62 C83600	CC491K
Stem	Brass Rod	B124 C35300	12165 CW602N
Packing	PTFE		
Packing Nut	Brass Rod	B124 C37700	12165 CW617N
Gland	Brass Rod	B124 C37700	12165 CW617N
Handwheel	Cast Iron	A126 CLASS B	JL1040
Gasket	Non Asbestos		

### DIMENSIONS

Size		L		H		D	
mm	inch	mm	inch	mm	inch	mm	inch
15	1/2	43	1.7	78	3.1	52	2.0
20	3/4	49	1.9	92	3.6	60	2.4
25	1	54	2.1	103	4.1	60	2.4
32	1-1/4	62	2.4	116	4.6	70	2.8
40	1-1/2	65	2.6	133	5.2	78	3.1
50	2	75	3	156	6.1	92	3.6
65	2-1/2	87	3.4	190	7.5	100	3.9
80	3	105	4.1	215	8.5	110	4.3
100	4	124	4.9	258	10.2	130	5.1

Note:

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

**GGV**

**Class 150**

