

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 |

Note:

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

GGV

Class 150

