

# BRONZE RISING STEM GATE VALVE

## SPECIFICATION

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

## PRESSURE RATINGS

Working Pressure	300 psi (20.7 bar) C.W.P. 150 psi (10.3 bar) Saturated Steam
Testing Pressure	Shell: 450 psi (31 bar) Hydrostatic Seat: 330 psi (22.7 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	C83600
Disc	Bronze	C83600
Stem	Brass	C37700
Packing	PTFE	
Packing Nut	Brass	C37700
Gland	Brass	C37700
Handwheel	Aluminium	

## DIMENSIONS

Size		L		H (Open)		D	
mm	inch	mm	inch	mm	Inch	Mm	inch
15	½	48.0	1.9	116	4.6	50.0	2.0
20	¾	50.5	2.0	143	5.6	70.0	2.8
25	1	59.5	2.3	172	6.8	70.0	2.8
32	1¼	65.5	2.6	194	7.6	80.0	3.1
40	1½	70.5	2.8	222	8.7	90.0	3.5
50	2	75.0	2.9	279	11.0	100.0	3.9

Note:

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

# R-GGV

## Class 150

