

BRONZE GATE VALVE

SPECIFICATION

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

MATERIALS

Part	Material	ASTM	BS
Body	Bronze (Gunmetal)	B62 C83600	1400 LG2
Bonnet	Bronze (Gunmetal)	B62 C83600	1400 LG2
Disc	Bronze (Gunmetal)	B62 C83600	1400 LG2
Stem	Brass Rod	B16 C36000	2874 CZ121
Packing	PTFE		
Packing Nut	Brass Rod	B16 C36000	2874 CZ121
Gland	Brass Rod	B16 C36000	2874 CZ121
Handwheel	Cast Iron	A48 No.35	1452 Gr.260

DIMENSIONS

Size		L		H		D	
mm	inch	mm	inch	mm	inch	mm	inch
15	1/2	43	1.7	76	3.0	53	2.1
20	3/4	50	2.0	87	3.4	57	2.2
25	1	53	2.1	100	4.0	72	2.8
32	1-1/4	62	2.4	119	4.7	78	3.1
40	1-1/2	64	2.5	135	5.3	78	3.1
50	2	72	2.8	152	6.0	97	3.8
65	2-1/2	89	3.5	187	7.4	108	4.3
80	3	101	4	215	8.5	126	5.0
100	4	116	4.6	245	9.6	178	7.0

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

