

DZR BRASS 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	232 psi (16 bar) WOG Non-Shock 100 psi (7 bar) Saturated Steam
Testing Pressure	Shell : 348 psi (24 bar) Hydrostatic Seat : 255 psi (17.6 bar) Hydrostatic 80 psi (5.5 bar) Air

MATERIALS

Part	Material	ASTM	EN
Body	DZR Brass	B85 C38000	12165 CW602N
Bonnet	DZR Brass	B85 C38000	12165 CW602N
Disc	Brass	B124 C37700	12165 CW617N
Stem	Brass	B124 C37700	12165 CW617N
Packing	PTFE		
Packing Nut	Brass	B124 C37700	12165 CW617N
Gland	Brass	B124 C37700	12165 CW617N
Handwheel	Cast Iron	A48 No.35	1561 GJL200

Note: DZR is dezincification resistant copper alloy.

DIMENSIONS

Size		L		H		D	
mm	inch	mm	inch	mm	inch	mm	inch
15	1/2	46	1.8	73	2.9	54	2.1
20	3/4	50	2.0	84	3.3	60	2.4
25	1	56	2.2	98	3.9	73	2.9
32	1-1/4	63	2.5	113	4.4	78	3.1
40	1-1/2	65	2.6	125	4.9	78	3.1
50	2	78	3.1	155	6.1	96	3.8
65	2-1/2	86	3.4	185	7.3	108	4.3
80	3	98	3.9	210	8.3	126	5.0
100	4	115	4.5	265	10.4	145	5.7

Note:

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

D-BGV PN16

