

Fig. 33
Bronze



FEATURES & BENEFITS

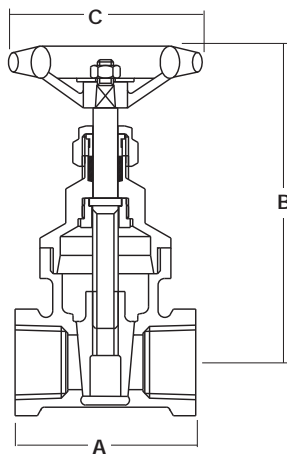
- Robust and high quality bronze body with integral seating surfaces
- Kitemarked to BS EN 12288
- Inside screw pattern with non-rising stem



MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Disc	Bronze	1982 CC491K	B62 C83600
Packing Ring	Asbestos Free	-	-
Handwheel	Aluminium	-	-
Gland	Brass	12164 CW614N	B455 C38500
Stuffing Box	DZR Brass	12164 CW602N	-
Stem	DZR Brass	12164 CW602N	-
Stem (2 1/2" & 3")	Al Bronze	12163 CW301G	B150 C64200
Bonnet	Bronze	1982 CC491K	B62 C83600
Body	Bronze	1982 CC491K	B62 C83600
Packing Nut	Brass	12164 CW614N	-
Identification Plate	Aluminium	-	-
Handwheel Nut	Brass	12164 CW614N	-

DIMENSIONAL DRAWING



DIMENSIONS & WEIGHTS

Nom Size	in	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
A	mm	46	46	51	55	63	71	73	83
B	mm	78	78	86	98	120	148	172	196
C	mm	60	60	70	80	85	95	102	120
Weight	kg	0.36	0.35	0.47	0.6	0.92	1.41	1.92	2.72

PRESSURE/ TEMPERATURE RATING

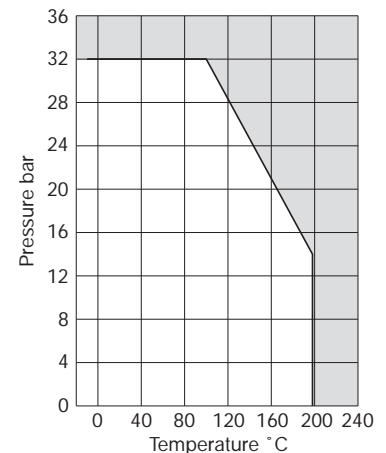
BS EN 12288 PN32 Series B
14 bar at 198°C
32 bar from -10 to 100°C

TEST PRESSURES (HYDRAULIC)

Shell: 48 bar
Seat: 35.2 bar

SPECIFICATION

Kitemarked to BS EN 12288:2010.
Non-rising stem.
Threaded bonnet.
One piece wedge.
Taper threaded BS EN 10226 (ISO 7-1) formerly BS 21.
Available with NPT thread (33AT) 1/2 to 2".



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