

Fig. C31
Bronze



FEATURES & BENEFITS

- Robust and high quality bronze body with integral seating surfaces
- Inside screw pattern with non-rising stem
- Suitable for high pressures up to 16 bar

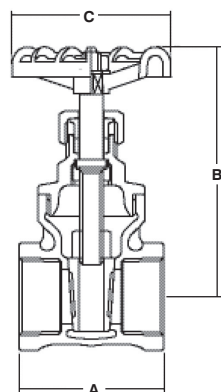


MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN*	ASTM
Handwheel	Aluminium Alloy	-	B 85-03
Stem	Brass	12164 CW603N	B16 C36000
Gland Packing	PTFE	-	
Stem Ring	Brass	12164 CW603N	B16 C36000
Bonnet	Bronze	1982 CC490K	B584 C84400
Wedge	Bronze	1982 CC490K	B584 C84400
Body	Bronze	1982 CC490K	B584 C84400

* Nearest BS EN equivalent to ASTM grade

DIMENSIONAL DRAWING



DIMENSIONS & WEIGHTS

Nom Size	in	1/2	3/4	1	1 1/4	1 1/2	2
A	mm	46.5	50.5	58.6	62	66	73
B	mm	76	87	107	115	132	155
C	mm	61	68	68	77	92.6	105
Weight	kg	0.25	0.35	0.58	0.72	0.97	1.51

PRESSURE/ TEMPERATURE RATING

7 bar at 170°C
16 bar from -10 to 100°C

TEST PRESSURES (HYDRAULIC)

Each valve is individually hydrostatically / air tested to BS EN 12266 at the following test.
Shell: 20 bar
Seat: 6 bar

SPECIFICATION

Bronze body and bonnet.
Non-rising stem.
Threaded bonnet.
One piece wedge.
Taper threaded BS EN 10226 (ISO 7-1) formerly BS 21.

