

Fig. C31
Bronze



FEATURES AND BENEFITS

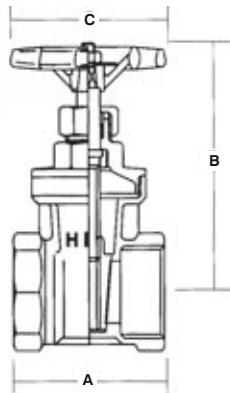
- Robust and high quality bronze body with integral seating surfaces
- Inside screw pattern with rising stem
- Suitable for high pressures up to 16 bar



MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Handwheel	Cast Iron	1561 EN-JL1030	A126 Cl B
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

DIMENSIONAL DRAWINGS



DIMENSIONS AND WEIGHTS

Nom Size	in	1/2	3/4	1	1 1/4	1 1/2	2
A	mm	47	51	54	59	64	71
B	mm	75	84	95	116	127	151
C	mm	54	58	64	70	74	85
Weight	kg	0.3	0.4	0.6	0.8	0.9	1.5

PRESSURE/TEMPERATURE RATING

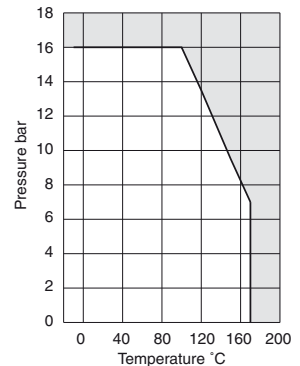
7 bar at 170°C
16 bar from -10 to 100°C

TEST PRESSURES (HYDRAULIC)

Each valve is individually hydrostatically tested to BS EN 12266 at the following test.
Shell: 24 bar
Seat: 17.6 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.
Available with NPT thread (C31AT) subject to minimum quantities.
Generally in accordance with BS EN 12266.



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