



Fig. C31  
Bronze

### FEATURES & BENEFITS

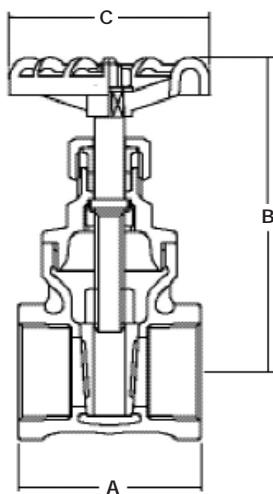
- Robust and high quality bronze body with integral seating surfaces
- Inside screw pattern with non-rising stem
- Suitable for high pressures up to 16 bar



### MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Handwheel	Cast Iron	1561 EN-JL1030	A126 CI 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 DRAWING



### DIMENSIONS & WEIGHTS

Nom Size	in	1/2	3/4	1	1 1/4	1 1/2	2
A	mm	53	57	64	70	74	85
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

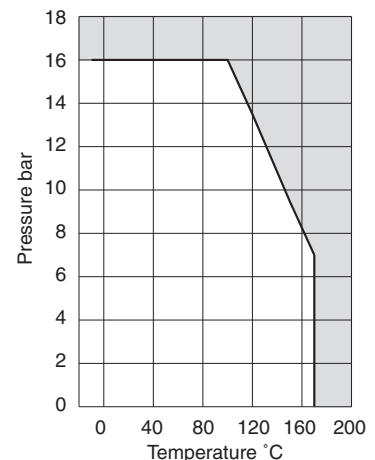
7 bar at 170°C  
16 bar from -10 to 100°C

### 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.  
Generally in accordance with BS EN 12266.



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