

**Fig. C4**  
**Bronze**



**FEATURES & BENEFITS**

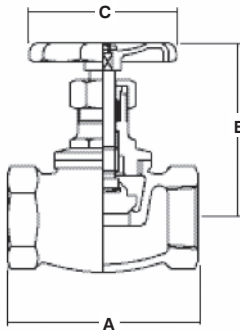
- High quality bronze body with robust spherical shape
- Rising stem and screwed bonnet
- Assures accurate flow regulation/control
- Suitable for high pressures up to 16 bar



**MATERIAL SPECIFICATION**

Component	Material	Specification ASTM
Handwheel	Cast Iron	A126 CI B
Stem	Brass	B16 C36000
Gland Nut	Brass	B16 C36000
Gland Follower	Brass	B16 C36000
Gland Packing	PTFE	-
Bonnet	Bronze	B584 C84400
Disc 1/2" to 1"	Bronze	B16 C36000
Disc 1 1/4" to 2"	Bronze	B584 C84400
Body	Bronze	B584 C84400

**DIMENSIONAL DRAWING**



**DIMENSIONS & WEIGHTS**

Nom Size	in	1/2	3/4	1	1 1/4	1 1/2	2
A	mm	49	56	65	75	84	99
B	mm	70	70	87	94	104	124
C	mm	53	58	64	74	74	87
Weight	kg	0.26	0.35	0.55	0.72	1.01	1.54

**PRESSURE/TEMPERATURE RATING**

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

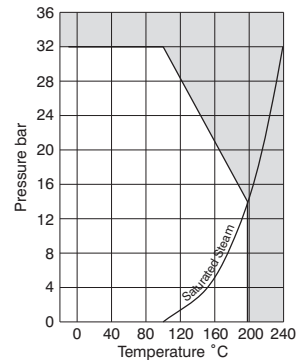
**TEST PRESSURES (PNEUMATIC)**

Each valve is individually hydrostatically tested to BS 5154 at the following test pressures.

Shell: 24 bar  
Seat: 17.6 bar

**SPECIFICATION**

Rising stem.  
Threaded bonnet.  
Metal disc.  
Taper thread BS EN 10226 (BS 21-IS0 7).  
Available with NPT thread (C4AT) subject to minimum quantities.



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