

**Fig. 13**  
**Bronze**



**FEATURES & BENEFITS**

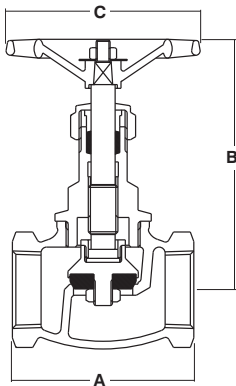
- High quality bronze body with robust spherical shape
- Rising stem and screwed bonnet
- Assures accurate flow regulation/control
- Suitable for high pressures up to 32 bar



**MATERIAL SPECIFICATION**

Component	Material	Specification	
		BS EN	ASTM
Handwheel Nut	Aluminium	-	
Gland Nut	Brass	12164 CW614N	B16 C36000 B124 C37700
Packing	PTFE	-	
Bonnet	Bronze	1982 CC491K	B62 C83600
Stem	Brass	12165 CW617N	B455 C38000
Disc Stem Nut	Brass	12164 CW603N	B16 C36000
Disc Holder	Brass	12164 CW614N	B16 C36000 B124 C37700
Disc Retaining Washer	Brass	12164 CW614N	B16 C36000 B124 C37700
Body	Bronze	1982 CC491K	B62 C83600

**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	51	51	60	74	86	99	109	130
B (Open)	mm	72	72	92	108	118	137	162	166
C	mm	56.5	56.5	68.3	75.1	82	94	100	119
Weight	kg	0.3	0.3	0.5	0.6	1.1	1.6	2.2	3.7

**PRESSURE/TEMPERATURE RATING**

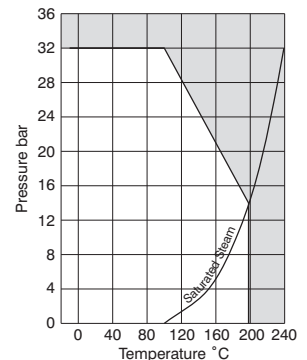
BS 5154:1991 PN32 Series B  
14 bar at 198°C  
32 bar from -10 to 100°C

**TEST PRESSURES (PNEUMATIC)**

Shell: 6 bar  
Seat: 6 bar

**SPECIFICATION**

BS 5154:1991.  
Bronze body.  
PTFE replacement disc.  
Rising stem.  
Screwed bonnet.  
Taper threaded BS EN 10226 (ISO 7-1) formerly BS 21.  
Available with NPT threads to ASTM B1.20.1



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