# Fig. 5 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		
Body	Cast Bronze	1982 CC491K	B62 C83600		
Disc (1/2" to 1")	Brass	12165 CW617N	B124 C37700		
Disc (1 <sup>1</sup> /4" to 2")	Bronze	1982 CC491K	B62 C83600		
Stem	Brass	12164 CW617N	B455 C38000		
Bonnet	Bronze	1982 CC491K	B62 C83600		
Stem Packing	Teflon	PTFE			
Packing	PTFE	-			
Handwheel	Aluminium	-			
Gland Nut	Brass	12164 CW614N	B455 C38500		
Lock Nut	Brass	12164 CW614N	B455 C38500		

## DIMENSIONAL DRAWING



#### **DIMENSIONS & WEIGHTS**

Nom Size	in	1 <sub>/2</sub>	3 <sub>/4</sub>		1 <sup>1</sup> /4	1 <sup>1</sup> /2	
A	mm	60	74	86	99	109	130
B (Open)	mm	92	108	118	137	162	166
С	mm	70	76	82	94	101	119
Weight	kg	0.4	0.5	0.9	1.4	1.7	2.7

# PRESSURE/ TEMPERATURE RATING

BS 5154 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**

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



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