

Fig.17
Bronze

FEATURES AND BENEFITS

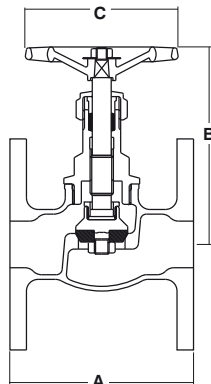
- High quality bronze body with robust spherical shape
- Rising stem and screwed bonnet
- Assures accurate flow regulation/control
- Integral flanges require no pipe threading



MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Body	Bronze	1982 CC491K	B62 C83600
Disc Stem Ring	Man Bronze	12164 CW721R	B138 C67500
Packing	Asbestos Free		
Gland	Brass	12164 CW614N	
Packing Nut	Brass	12164 CW614N	
Washer	Brass	12164 CW614N	
Disc Retaining Nut	Brass	12164 CW614N	
Handwheel	Aluminium		
Handwheel Nut	Brass	12164 CW614N	
Identification Plate	Aluminium		
Bonnet	Bronze	1982 CC491K	B62 C83600
Stem	Brass	12164	CW721R
Disc	PTFE		
Disc Holder	Bronze	1982 CC491K	B62 C83600

DIMENSIONAL DRAWINGS



DIMENSIONS AND WEIGHTS

Nom Size	mm	15	20	25	32	40	50
A	mm	80	90	100	110	120	135
B	mm	101	119	130	155	172	196
C	mm	70	80	95	95	105	120
D	mm	95	105	115	140	150	165
E	mm	6.0	6.0	8.0	8.0	9.0	11.0
Weight	kg	1.24	1.76	2.30	2.82	5.22	5.71

PRESSURE/TEMPERATURE RATING

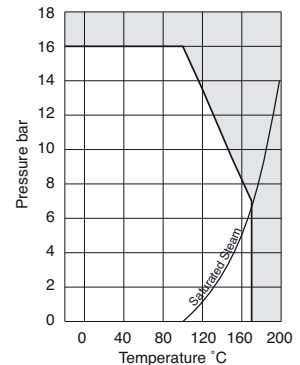
BS 5154: 1991 PN16 Series B
7 bar at 170°C
16 bar from -10 to 100°C

TEST PRESSURES (HYDRAULIC)

Shell: 24 bar
Seat: 17.6 bar

SPECIFICATION

Rising stem.
Screwed bonnet.
Renewable glass filled PTFE disc.
Conical seat disc (15 to 50mm).
Flanged to BS EN 1092-3.
Also available with flanges drilled to BS10 Table E and F and ANSI from PN16 flanges.
Face to face dimensions of all valves are to PN16 detail.



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