



Fig. 35  
Bronze

### FEATURES & BENEFITS

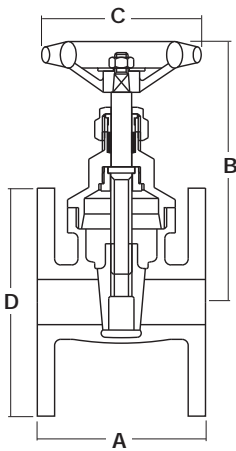
- Robust and high quality bronze body with integral seating surfaces
- Flanges ends require no pipe threading
- Inside screw pattern with non-rising stem



### MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Gland	Brass	12164 CW614N	
Body	Bronze	1982 CC491K	B62 C83600
Bonnet	Bronze	1982 CC491K	B62 C83600
Stem	Brass	12164 CW614N	
Disc	Bronze	1982 CC491K	B62 C83600
Stuffing Box	Brass	12165 CW617N	B124 C37700
Packing Ring	Graphite	-	
Packing Nut	Brass	12164 CW614N	
Handwheel	Aluminium	-	
Identification Plate	Aluminium	-	
Handwheel Nut	Brass	12164 CW614N	

### DIMENSIONAL DRAWING



### DIMENSIONS & WEIGHTS

Nom Size	mm	20	25	32	40	50	65	80	100
A	mm	90	100	110	120	135	165	185	190
B	mm	110	130	145	165	200	240	280	365
C	mm	80	85	95	120	120	155	180	230
D	mm	105	115	140	150	165	185	200	220
Weight	kg	2.1	2.7	4.0	4.4	6.3	9.1	15.4	22.2

### PRESSURE/ TEMPERATURE RATING

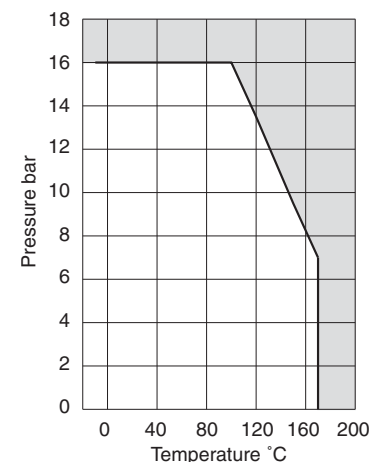
BS 5154 PN16 Series B  
7 bar at 170°C  
16 bar from -10 to 100°C

### TEST PRESSURES (HYDRAULIC)

Shell: 24 bar  
Seat: 17.6 bar

### SPECIFICATION

Non-rising stem.  
Threaded bonnet.  
One piece wedge.  
Flanged to BS EN 1092-3 PN16.



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