

Fig. 23  
Bronze



### FEATURES & BENEFITS

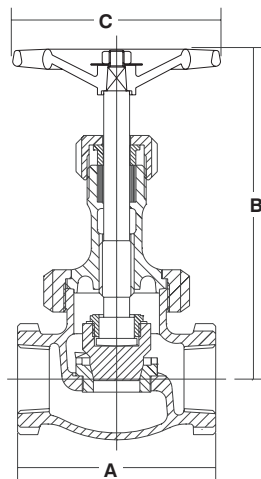
- High quality bronze body with robust spherical shape
- Rising stem and union bonnet
- Assures accurate flow regulation/control
- Suitable for high pressures up to 40 bar



### MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Handwheel	Aluminium	-	
Gland	Brass	12164 CW614N	
Packing	Non Asbestos	-	
Bonnet	Bronze	1982 CC491K	B62 C83600
Union Ring	Bronze	1982 CC491K	B62 C83600
Disc	316 St. Steel	-	
Stem	Man Bronze	12164 CW721R	B138C67500
Disc Stem Ring	Man Bronze	12164 CW721R	B138C67500
Body Seat Ring	13% Cr St	10088 X12Cr13	A276 410
Body	Bronze	1982 CC491K	B62 C83600
Lock Washer	Brass	2870	CZ 123
Packing Nut (1/4" to 1 1/2")	Brass	12164	CW721R
Packing Nut 2"	Bronze	1982 CC491K	
Handwheel Nut	Brass	12164 CW614N	
Identification Plate	Aluminium	-	

### 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	59	59	68	81	95	108	121	146
B	mm	126	126	142	154	173	201	225	255
C	mm	76	76	81	94	100	119	139	150
Weight	kg	0.56	0.55	0.8	1.24	1.82	2.73	3.78	6.03

### PRESSURE/ TEMPERATURE RATING

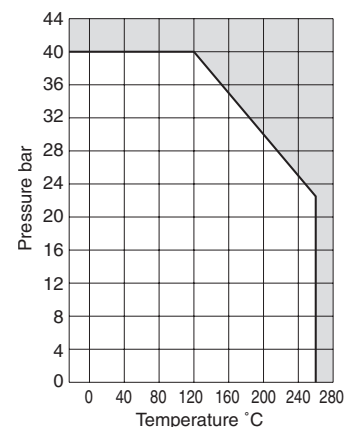
PN40  
17.5 bar at 260°C  
40 bar from -10 to 120°C

### TEST PRESSURES (HYDRAULIC)

Shell: 60 bar  
Seat: 44 bar

### SPECIFICATION

BS 5154:1991.  
Bronze body.  
316 stainless steel disc.  
Rising stem.  
Union 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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