

Fig. 23
Bronze

FEATURES AND BENEFITS

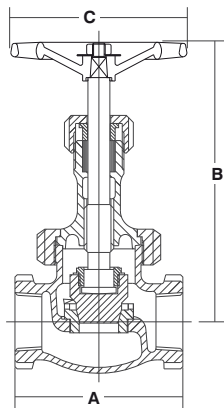
- High quality bronze body with robust spherical shape
- Rising stem and union bonnet
- Assures accurate flow regulation/control
- Suitable for high pressures up to 40 bar



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 DRAWINGS



DIMENSIONS AND 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**

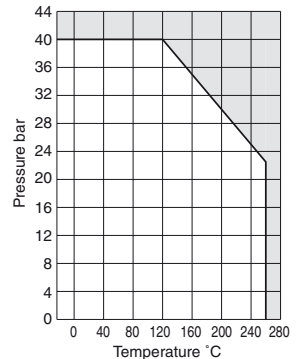
PN40
17.5 bar at 260°F
40 bar from -10 to 120°C

**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.



Every effort has been made to ensure that the information contained in this publication is accurate at the time of publishing. Hattersley Ltd assumes no responsibility or liability for typographical errors or omissions or for any misinterpretation of the information within the publication and reserves the right to change without notice.