

**Fig. C618**  
**Bronze**



**FEATURES & BENEFITS**

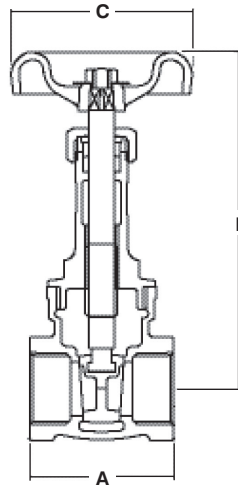
- Robust and high quality bronze body with integral seating surfaces
- Inside screw pattern with rising stem
- Suitable for high pressures up to 20 bar



**MATERIAL SPECIFICATION**

Component	Material	Specification	
		BS EN	ASTM
Handwheel	Cast Iron	1561 EN-JL1030	A126 Cl B
Stem	Copper Alloy	12164 CW714R	B21-C48200
Gland Nut	Copper Alloy	12164 CW603N	B16-C36000
Gland	Copper Alloy	12164 CW603N	B16-C36000
Gland Packing	PTFE	-	-
Bonnet	Bronze	1982 CC491K	B62-C83600
Body	Bronze	1982 CC491K	B62-C83600
Wedge	Bronze	1982 CC491K	B62-C83600

**DIMENSIONAL DRAWING**



**PRESSURE/TEMPERATURE RATING**

9 bar at 180°C  
20 bar from -10 to 100°C

**TEST PRESSURES (HYDRAULIC)**

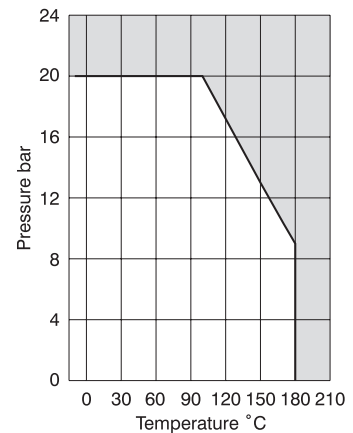
Each valve is individually hydrostatically tested to BS EN 12266 at the following test pressures.  
Shell: 30 bar  
Seat: 22 bar

**SPECIFICATION**

Rising stem.  
Threaded bonnet.  
One piece wedge.  
Bronze trim.  
Taper threaded BS EN 10226 (ISO 7-1) formerly BS 21.  
Complies with BS EN 12288:2010.  
Available with NPT thread (C618AT).  
Complies with MSS SP-80 Class 150.

**DIMENSIONS & WEIGHTS**

Nom Size	in	1/2	3/4	1	1 1/4	1 1/2	2
A	mm	48	52	59	64	68	75
B	mm	117	140	167	195	222	264
C	mm	53	64	73	80	90	102
Weight	kg	0.35	0.53	0.75	1.05	1.41	2.03



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.