

**Fig. 609**  
**Bronze**



**FEATURES & BENEFITS**

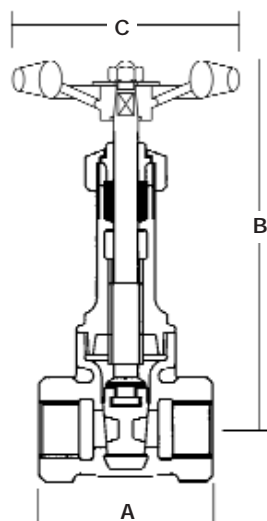
- Robust and high quality bronze body with integral seating surfaces
- Inside screw pattern with rising stem
- Suitable for high pressures up to 32 bar



**MATERIAL SPECIFICATION**

Component	Material	Specification	
		BS EN	ASTM
Body	Bronze	1982 CC491K	B62 C83600
Bonnet	Bronze	1982 CC491K	B62 C83600
Stem (1/4" to 2")	Bronze	1982 CC491K	B62 C83600
Stem (2 1/2")	AL. Brass (CA 12)	12163 CW301G	
Stem (3")	Bronze	1982 CC491K	B62 C83600
Disc	Bronze	1982 CC491K	B62 C83600
Packing Ring	Asbestos Free	-	
Gland	Brass	12164 CW614N	
Packing Nut (2 1/2" & 3")	Brass	12164 CW721R	
Packing Nut (1/4" to 2")	Brass	12164 CW614N	
Handwheel	Aluminium	-	
Identification Plate	Aluminium	-	
Handwheel Nut	Brass	12164 CW614N	

**DIMENSIONAL DRAWING**



**DIMENSIONS & WEIGHTS**

Nom Size	in	1/2	3/4	1	1 1/4	1 1/2	2
A	mm	51	55	63	71	73	83
B (Open)	mm	133	162	191	223	253	307
C	mm	70	80	85	95	105	120
Weight	kg	0.50	0.75	1.30	1.70	2.60	3.50

**PRESSURE/TEMPERATURE RATING**

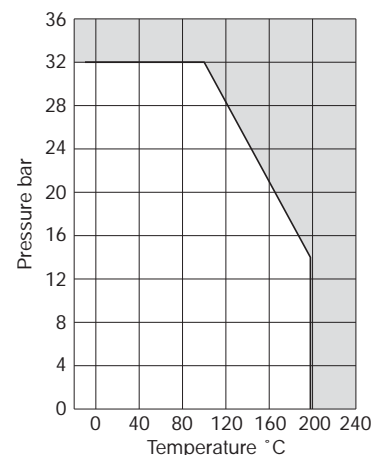
14 bar at 198°C  
32 bar from -10 to 100°C

**TEST PRESSURES (HYDRAULIC)**

Each valve is individually hydrostatically tested to BS EN 12266 at the following test pressures.  
Shell: 48 bar  
Seat: 35.2 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.  
Sizes 1/2" and above are available with American Threads. (Fig. 609AT)



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.