

Fig. 609
Bronze



FEATURES & BENEFITS

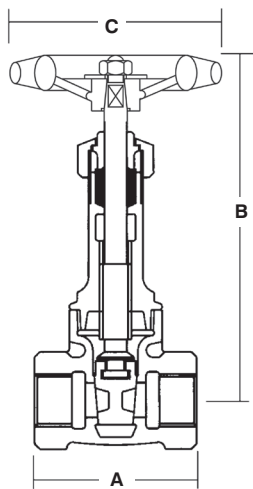
- Robust and high quality bronze body with integral seating surfaces
- Inside screw pattern with rising stem
- Suitable for high pressures up to 32 bar



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)

