



Fig. C618
Bronze

FEATURES & BENEFITS

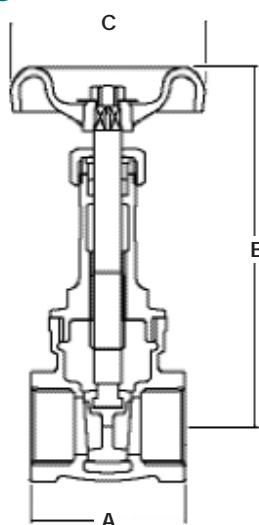
- Robust and high quality bronze body with integral seating surfaces
- Inside screw pattern with rising stem
- Suitable for high pressures up to 20 bar



MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Handwheel	Cast Iron	1561 EN-JL1030	A126 CI 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)

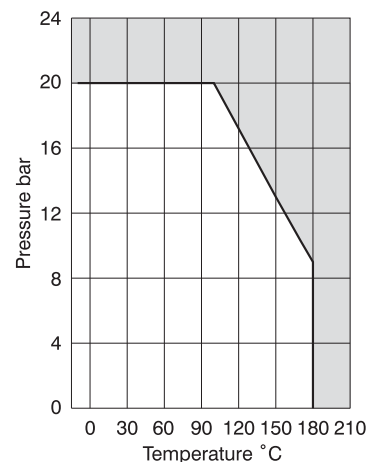
Each valve is individually hydrostatically tested to BS EN 12266 at the following test pressures.
Shell: 30 bar
Seat: 22 bar

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



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