

Fig. 30C
Bronze



FEATURES AND BENEFITS

- Robust and high quality bronze body with integral seating surfaces
- Offers the ultimate in dependable service wherever minimum pressure drop is important
- WRAS Approved for use with potable water
- Inside screw pattern with non-rising stem



MATERIAL SPECIFICATION

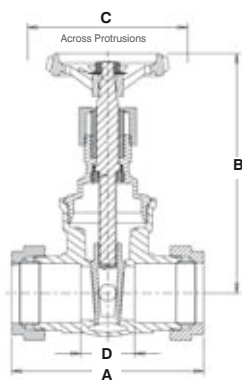
Component	Material	Specification BS EN
Body	Bronze	BS EN 1982 (CC491K)
Bonnet	Bronze	BS EN 1982 (CC491K)
Stem	DZR Brass	BS EN 12164 CW602N
Disc	Bronze	BS EN 1982 (CC491K)
Stem Retainer	DZR Brass	BS EN 12164 CW602N
Packing Ring	Asbestos Free	
Gland (28-54 only)	Brass	BS EN 12164 CW614N
Packing Nut	Brass	BS EN 12164 CW614N
Handwheel	Aluminium	
Identification Plate	Aluminium	
Handwheel Nut	Brass	BS EN 12164 CW614N
Compression Olive	Brass	BS EN 12449:1999 CW505L OR CW507L
Compression Nut	Brass	BS EN 12165 CW617N

PRESSURE/TEMPERATURE RATINGS COMPRESSION

Temperature °C	-10 to 30	40	50	65	80	90	100	110	120
Pressure bar	16	14.3	12.6	10	8.7	7.8	6.9	6	5

Intermediate pressure ratings shall be determined by interpolation.

DIMENSIONAL DRAWINGS



DIMENSIONS AND WEIGHTS

Nom Size	mm	15	22	28	35	42	54
A	mm	69	75	86	100	111	133
B	mm	74	86	105	110	130	152
C	mm	48	69	76	81	94	100
D	mm	26.5	23.5	25.5	30.5	34.5	37
Weight	kg	0.34	0.50	0.70	0.95	1.45	2.50

PRESSURE/TEMPERATURE RATING
PN16

TEST PRESSURES (PNEUMATIC)

Seat: 6 bar
Shell: 6 bar

SPECIFICATION

UK End Connection: Compression ends to BS EN 1057:2006: Half hard R250.
Operator: Handwheel.

Gate valves are best for services that require infrequent valve operation and where the disc is kept either fully open or closed. They are not practical for throttling.

Valves are manufactured in accordance with BS EN 12288: 2010 (formerly BS 5154) PN20 for Series B ratings, but are limited to the pressure/temperature ratings detailed in BS EN 1057:2006 for compression end fittings.

This valve is to be used on Group 2 liquids only, as defined by the Pressure Equipment Directive 97/23/EC.

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