

# COMPASS™ RANGE BRONZE GATE VALVE PN16 SERIES B FIG C31

## Pressure/Temperature Rating

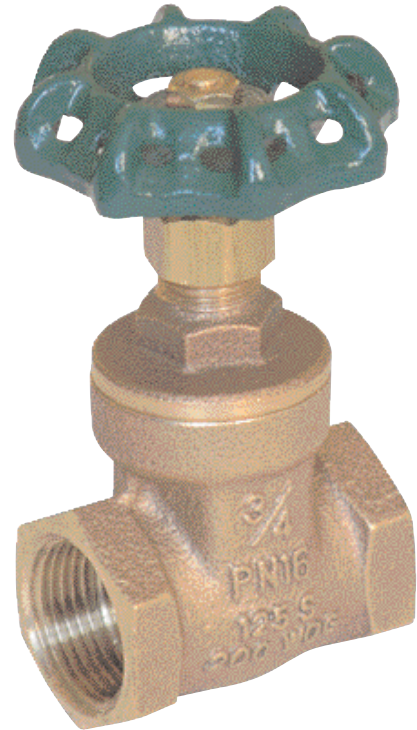
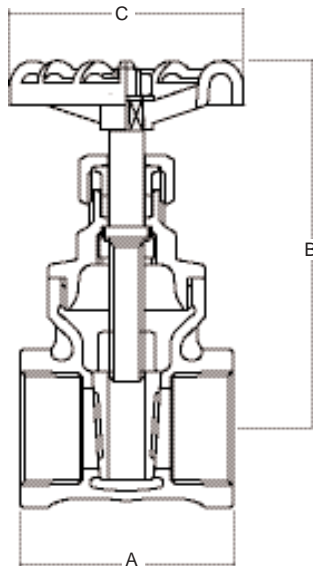
7 bar at 170°C  
16 bar from -10 to 100°C

## Test Pressure

Each valve is individually hydrostatically tested to BS EN 12266 at the following test pressures.  
Shell: 24 bar  
Seat: 17.6 bar

## Specification

Bronze body and bonnet  
Non-rising stem  
Threaded bonnet  
One piece wedge  
Taper Thread BS EN 10226 (BS 21-ISO 7)  
Available with NPT thread (C31AT) subject to minimum quantities  
Generally in accordance with BS EN 12266



## Materials Specification

Component	Material	Specification	
		BS EN	ASTM
Handwheel	Cast Iron	1561 EN-JL1030	A126 CI B
Stem	Brass	12164 CW603N	B16 C36000
Gland Packing	PTFE		
Stem Ring	Brass	12164 CW603N	B16 C36000
Bonnet	Bronze	1982 CC490K	B584 C84400
Wedge	Bronze	1982 CC490K	B584 C84400
Body	Bronze	1982 CC490K	B584 C84400

## Dimensions

Nominal Size	in	½	¾	1	1¼	1½	2
A	mm	53	57	64	70	74	85
B	mm	75	84	95	116	127	151
C	mm	54	58	64	70	74	85
Weight	kg	0.3	0.4	0.6	0.8	0.9	1.5

