

Forged brass full bore gate valve

Compression ends, PN16

SIZES

Ends to EN1254 - 2

Range	15mm	22mm	28mm	35mm	42mm	54mm
Gate valve	506007	506008	506009	506010	507011	507012
Lockshield	506037	506038	506039			

DIMENSIONS (mm)

Range	15mm	22mm	28mm	35mm	42mm	54mm
A	72	81	90	107	113	129
B	83	93	111	124	146	174
Weight kg	0.31	0.47	0.65	1.26	1.60	2.70
LS Weight kg	0.31	0.47	0.65			

FLOW RATES (m³/h)

Range	15mm	22mm	28mm	35mm	42mm	54mm
kv	14.0	32.0	57.0	90	129	230

*Kv - flow rate in m³ per hour at a pressure drop of 1 bar.

VALVE SUITABILITY

Steam	Water	Oil	Air	Gas Inert	Gas Combustible	Gas Corrosive	Gas Oxygen
✗	✓	✓	✗	✗	✗	✗	✗

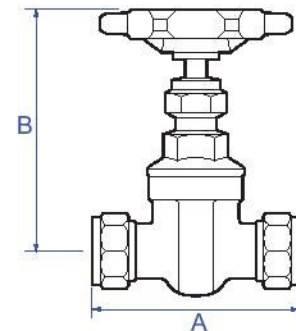
MATERIAL SPECIFICATION

Component	Material
Body	Brass 15 - 35, Bronze 42 + 54
Bonnet	Brass
Stem	Brass
Wedge	Brass
Stem ring	Brass
Gland	Brass
Gland nut	Brass
Handwheel	Aluminium
Handwheel nut	Brass bar
Gland packing	PTFE
Rating disc	Aluminium
Lockshield	Brass

MAXIMUM PRESSURE CONDITIONS

Size	Maximum Pressure Conditions (bar)		Test Pressures (bar)	
	(Cold working) Temperatures up to 30°C	(Hot working) Temperatures up to 120°C	Shell	Seat
15 to 54mm	16.0	5	24	17.5
Size	Maximum Pressure Conditions (psi)		Test Pressures (psi)	
	Temperatures up to 77°F	Temperatures up to 200°F	Shell	Seat
15 to 54mm	232.1	72.5	348.1	253.8

Temperature range - 10°C + 120°C



PRESSURE EQUIPMENT DIRECTIVE CATEGORY

Sizes

15mm	22mm	28mm	35mm	42mm	54mm
SEP	SEP	SEP	SEP	SEP	SEP

PRESSURE & TEMPERATURE RATINGS

