

CLASS 125 BRASS GATE VALVE

Screwed Bonnet, Non-rising Stem
Threaded ends to BS21 (JIS B0203) or NPT,
or solder joint ends.

W.O.G. non-shock 1.38 MPa (200 psi), Saturated steam pressure 0.86 MPa (125 psi)



Materials

Parts	Material
Body	Brass
Bonnet	Brass
Stem	Dezincification Resistant Brass
Disc	Brass
Gland Packing	Aramid Fibers Graphite

Caution Solder joint end valves should not be used in service where the temperature of line fluid is higher than the softening point of solder.

Dimensions

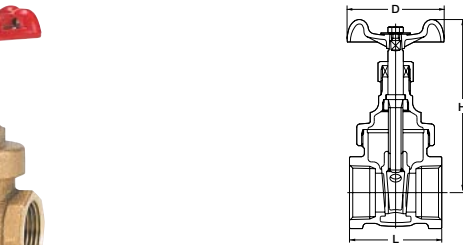
Nominal Size	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	mm
	mm	8	10	15	20	25	32	40	50	65	80	
L Threaded end to end		35	38	42	47	50	60	63	72	82	92	
L1 Solder			37	45	60	70	77	86	104	115	127	
H Height, valve open		70	73	73	87	97	118	126	154	187	205	
D Handwheel diam		50	50	50	55	60	70	80	90	100	115	

CLASS 125 BRONZE GATE VALVE

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or solder joint ends.

W.O.G. non-shock 1.38 MPa (200 psi), Saturated steam pressure 0.86 MPa (125 psi)

3/8 to 2 Screwed-over-bonnet



Materials

Parts	Material
Body	Bronze
Bonnet	Bronze
Stem	Dezincification Resistant Brass
Disc	Dezincification Resistant Brass/Bronze*
Gland Packing	Aramid Fibers Graphite

*Size 3/4 & larger

Caution Solder joint end valves should not be used in service where the temperature of line fluid is higher than the softening point of solder.

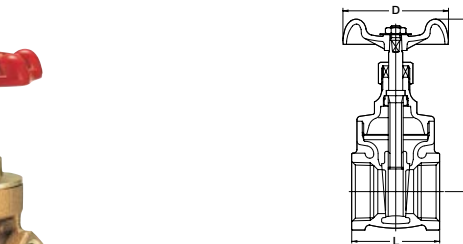
Dimensions

Nominal Size	inch	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	mm
	mm	10	15	20	25	32	40	50	65	80	100	
L Threaded end to end		42	45	50	57	61	67	74	90	100	121	
L1 Solder		39	46	61	72	78	87	102	115	130	173	
H Height, valve open		74	80	90	105	118	135	159	202	223	280	
D Handwheel diam		50	50	55	60	70	80	90	115	135	155	

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Screwed Bonnet, Non-rising Stem,
Threaded ends to BS21 (JIS B0203)

W.O.G. non-shock 1.38 MPa (200 psi), Saturated steam pressure 0.86 MPa (125 psi)



Materials

Parts	Material
Body	Bronze
Bonnet	Brass
Stem	Dezincification Resistant Brass
Disc	Brass
Gland Packing	Aramid Fibers Graphite

Dimensions

Nominal Size	inch	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	mm
	mm	10	15	20	25	32	40	50	65	80	
L Threaded end to end		38	42	47	50	60	63	72	80	90	
H Height, valve open		75	75	86	97	117	126	154	164	200	
D Handwheel diam		50	50	55	60	70	80	90	100	115	

Fig. S
• Threaded end to JIS B0203