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				

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

⚠ Do not use for flammable gas or toxic gas.

• Threaded end to BS21 (JIS B0203)

Fig. AKFH

• Threaded end to ASME B1.20.1

Fig. CFH

• Solder joint ends to ASME B16.18

*Taper pipe threads for connection shall refer to JIS B0203 standards, while the length of useful threads and the positions of gauge planes are built on KITZ standard.

Dimensions mm											
Nominal Size	inch	1/4	3/8	1/2	3/4		11/4	$1^{1/2}$	2	21/2	3
Nominal Size	mm	8	10	15	20	25	32	40	50	65	80
L		35	38	42	47	50	60	63	72	82	92
L1 Solder			37	45	60	70	77	86	104	115	127
Н		70	73	73	87	97	118	126	154	187	205
H Solder			77	77	87	97	118	126	154	187	205
D		50	50	50	55	60	70	80	90	100	115

CLASS 125

BRONZE 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)

*Size 3/8 to 2: Screwed-over-bonnet







Dimensions

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

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

♠ Do not use for flammable gas or toxic gas.

• Threaded end to BS21 (JIS B0203)

• Threaded end to ASME B1.20.1

Solder joint ends

to ASME B16.18

*Taper pipe threads for connection shall refer to JIS 80203 standards, while the length of useful threads and the positions of gauge planes are built on KITZ standard. (size up to 2 and 4)

1510115									
Nominal Size	inch	3/8	1/2	3/4	1	11/4	11/2	2	21/2
	mm	10	15	20	25	32	40	50	65
L		42	45	50	57	61	67	74	90
L1 Solder		39	46	61	72	78	87	102	115
Н		74	80	90	105	118	135	159	202
D		50	50	55	60	70	80	90	115
	ninal Size L L1 Solder H	ninal Size inch mm L L1 Solder H	ninal Size inch 3/8 mm 10 L 42 L1 Solder 39 H 74	mm 10 15 L 42 45 L1 Solder 39 46 H 74 80	ninal Size inch 3/8 1/2 3/4 mm 10 15 20 L 42 45 50 L1 Solder 39 46 61 H 74 80 90	L inch 3/8 1/2 3/4 1 L 42 45 50 57 L1 5older 39 46 61 72 H 74 80 90 105	L inch 3/8 1/2 3/4 1 11/4 L 42 45 50 57 61 L1 39 46 61 72 78 H 74 80 90 105 118	L 42 45 50 57 61 67 L1 solder 39 46 61 72 78 87 H 74 80 90 105 118 135	L 42 45 50 57 61 67 74 L1 solder 39 46 61 72 78 87 102 H 74 80 90 105 118 135 159

CLASS 125

BRONZE GATE VALVE

Screwed bonnet, Non-rising stem, Threaded ends to BS21 (JIS B0203)

mm

100

121

173

280

155

100

130

223 135

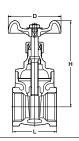
W.O.G. non-shock 1.38 MPa (200 psi), Saturated steam pressure 0.86 MPa (125 psi)



Fig. S*

• Threaded end to BS21 (JIS B0203)

*Taper pipe threads for connection shall refer to JIS B0203 standards, while the length of useful threads and the positions of gauge planes are built on KITZ standard.



Materials

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

⚠ Do not use for flammable gas or toxic gas.

DII	11611310113										mm
Nominal Size	inch	3/8	1/2	3/4	1	11/4	11/2	2	21/2	3	
	Nominal Size	mm	10	15	20	25	32	40	50	65	80
	L		38	42	47	50	60	63	72	80	90
	Н		75	75	86	97	117	126	154	167	200
	D		50	50	55	60	70	80	90	100	115