

CLASS 125 BRASS GATE VALVEScrewed 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)

**Fig. FH**

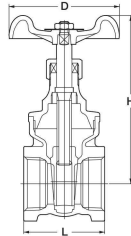
- Threaded end to BS21 (JIS B0203)

Fig. AKFH

- Threaded end to ASME B1.20.1

**Fig. CFH**

- Solder joint ends to ASME B16.18

**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.

Dimensions

Nominal Size	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	mm
	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
H		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

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

**Fig. H**

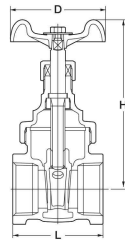
- Threaded end to BS21 (JIS B0203)

Fig. AKH

- Threaded end to ASME B1.20.1

**Fig. CH**

- Solder joint ends to ASME B16.18

**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.

Dimensions

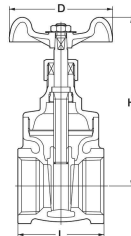
Nominal Size	inch	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	mm
	mm	10	15	20	25	32	40	50	65	80	100
L		42	45	50	57	61	67	74	90	100	121
L1 Solder		39	46	61	72	78	87	102	115	130	173
H		74	80	90	105	118	135	159	202	223	280
D		50	50	55	60	70	80	90	115	135	155

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Threaded ends to BS21 (JIS B0203)

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)

**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.

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		38	42	47	50	60	63	72	80	90	
H		75	75	86	97	117	126	154	167	200	
D		50	50	55	60	70	80	90	100	115	