

Bronze & Brass Valves

JIS 5K/10K, ASME Class 125/150/300, KITZ Type 100/125/150/300/400/600



CLASS 150 BRONZE GATE VALVE

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

W.O.G. non-shock 2.07 MPa (300 psi), Saturated steam pressure 1.03 MPa (150 psi)

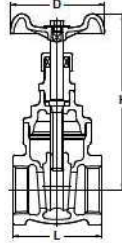


Fig. E

- Threaded end to BS21 (JIS B0203)

Fig. AKE

- Threaded end to ASME B1.20.1



Materials

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

*Size 2 1/2 & 3

⚠ 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		43	48	53	62	69	75	86	105	116	
H		86	96	111	122	141	164	197	225	261	
D		50	55	60	70	80	90	100	115	135	

CLASS 150 BRONZE GATE VALVE

Screwed bonnet, Non-rising stem,
Flanged ends drilled or undrilled optionally

W.O.G. non-shock 2.07 MPa (300 psi), Saturated steam pressure 1.03 MPa (150 psi)

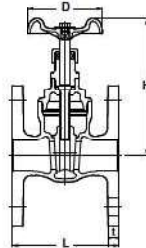


Fig. EB

- Undrilled unless drilling is specified as an option

Fig. EBH

- Drilled according to JIS 10K



Materials

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

*Size 2 1/2 & larger

**Size 5.6

⚠ Do not use for flammable gas or toxic gas.

Dimensions

Nominal Size	inch	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	mm
	mm	15	20	25	32	40	50	65	80	100	125	150	
L		75	80	95	110	120	140	165	190	230	190	210	
H		96	111	122	142	165	197	225	264	309	381	427	
D		55	60	70	80	90	100	115	155	225	225	250	
t*		8	9	9.5	10.5	11.5	13	14.5	16	19.5	20	22	

***t* shall not be in accordance with JIS B 2240

CLASS 150 BRONZE LIFT CHECK VALVE

Screwed cap, Lift type disc
Threaded ends to BS21 (JIS B0203) or NPT

W.O.G. non-shock 2.07 MPa (300 psi), Saturated steam pressure 1.03 MPa (150 psi)

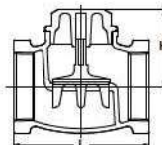


Fig. F

- Threaded end to BS21 (JIS B0203)

Fig. AKF

- Threaded end to ASME B1.20.1



Materials

Parts	Material
Body	Bronze
Cap	Brass/Bronze*
Disc	Bronze

*Size 2 1/2 & 3

⚠ 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		44	53	65	77	85	100	119	139	158	
H		26	28	34	42	50	56	67	79	91	