

CLASS 150**BRONZE GATE VALVE**

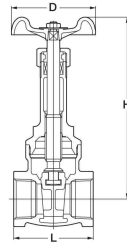
Screwed bonnet, Rising stem, Designed to MSS SP-80 type 2, Threaded ends to NPT or solder joint ends

W.O.G. non-shock 2.07 MPa (300 psi), Saturated steam pressure 1.03 MPa (150 psi)**Fig. AK150L**

• Threaded end to ASME B1.20.1

**Fig. C150L**

• Solder joint end to ASME B16.18

**Materials**

Parts	Material
Body	Bronze
Bonnet	Bronze
Stem	Bronze
Disc	Bronze
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	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	mm	15	20	25	32	40	50	65	80
L		51	56	66	68	74	84	120	140
L1 Solder		49	64	76	82	86	109		
H valve open		137	157	180	216	257	296	385	432
D		55	70	70	80	90	100	155	155

CLASS 150**BRONZE GATE VALVE**

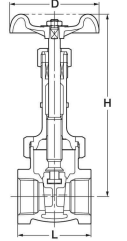
Union bonnet, Rising stem, Designed to MSS SP-80 type 2, Threaded ends to NPT or solder joint ends

W.O.G. non-shock 2.07 MPa (300 psi), Saturated steam pressure 1.03 MPa (150 psi)**Fig. AK150LU**

• Threaded end to ASME B1.20.1

**Fig. C150LU**

• Solder joint end to ASME B16.18

**Materials**

Parts	Material
Body	Bronze
Bonnet	Bronze
Stem	Bronze
Disc	Bronze
Gland packing	Flexible Graphite & Aluminum

⚠ 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

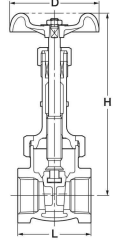
Nominal Size	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	mm	15	15	15	20	25	32	40	50
L		45	46	51	56	66	68	74	84
L1 Solder				49	64	76	82	86	109
H valve open		108	108	137	157	180	216	257	297
D		50	50	55	70	70	80	90	100

CLASS 300**BRONZE GATE VALVE**

Union bonnet, Rising stem, Designed to MSS SP-80 type 2, Threaded ends to NPT

W.O.G. non-shock 6.89 MPa (1000 psi), Saturated steam pressure 2.07 MPa (300 psi)**Fig. AK300LU**

• Threaded end to ASME B1.20.1

**Materials**

Parts	Material
Body	Bronze
Bonnet	Bronze
Stem	Bronze
Disc	Copper-Nickel Alloy
Gland packing	Flexible Graphite & Aluminum

⚠ 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
	mm	10	15	20	25	32	40	50
L		46	51	56	66	74	84	98
H valve open		125	149	173	194	228	274	313
D		60	70	80	80	100	115	135