

Lead-Free Bronze Gate Valves

Features: Silicon Performance Bronze® Alloy • Screw-In Bonnet • Rising Stem • Solid Wedge

Approvals: Conforms to MSS SP-139 •

NSF/ANSI/CAN 61/372-8 Commercial Hot 180°F (includes annex F)

Size range: 1/4" - 3"

Pressure rating: 300 PSI non-shock cold working pressure

Maximum pressure / temperature: 100 PSI at 300° F

Lead-free markings: Double oval in body casting, white handle and blue hang tag



NSF/ANSI/CAN 61 & 372



MATERIAL LIST

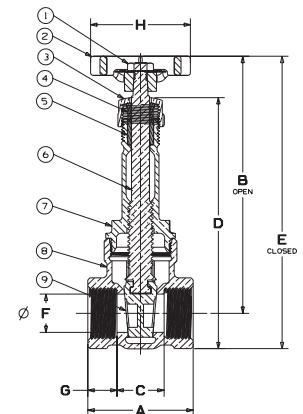
PART	SPECIFICATION
1. Handwheel Nut	300 Series Stainless Steel
2. Identification Plate	Aluminum
3. Handwheel	Malleable Iron ASTM A47
4. Stem	Silicon Bronze ASTM B371 Alloy C69430 or ASTM B99 Alloy C65100
5. Packing Nut	Bronze ASTM B62 or ASTM B584 Alloy C84400 or Brass ASTM B16
6. Packing Gland	Bronze ASTM B62 or ASTM B584 Alloy C84400 or Brass ASTM B16
7. Packing	Aramid Fibers with Graphite
8. Bonnet	Silicon Bronze ASTM B584 Alloy C87850
9. Body	Silicon Bronze ASTM B584 Alloy C87850
10. Wedge	Silicon Bronze ASTM B584 Alloy C87850



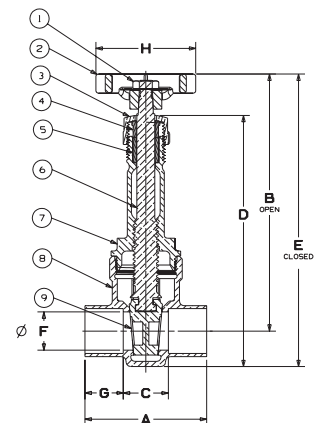
T-111-LF
Threaded



S-111-LF
Solder



T-111-LF
NPT x NPT



S-111-LF
C x C

DIMENSIONS—WEIGHTS—QUANTITIES

SIZE	A	B	C	D	E	F	G	T-111-LF	Master
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	Lbs. Kg.	Ctn Qty.
1/4"	8 1.68	43 5.12	130 0.88	22 3.62	92 4.54	115 0.31	8 0.38	10 0.75	0.34 50
3/8"	10 1.68	43 5.20	132 0.84	21 3.62	92 4.56	116 0.38	10 0.42	11 0.72	0.33 50
1/2"	15 1.94	49 4.85	123 0.86	22 3.92	100 4.82	122 0.5	13 0.54	14 0.83	0.38 50
3/4"	20 2.06	52 5.89	150 0.92	23 4.93	125 5.74	146 0.75	19 0.57	14 1.13	0.51 50
1"	25 2.44	62 7.21	183 1.04	26 5.95	151 6.93	176 1.00	25 0.70	18 1.88	0.86 30
1-1/4"	32 2.62	67 8.20	208 1.20	30 6.69	170 7.84	199 1.25	32 0.71	18 2.53	1.15 20
1-1/2"	40 2.88	73 9.40	239 1.38	35 7.51	191 8.94	227 1.50	38 0.75	19 3.57	1.62 10
2"	50 3.06	78 11.54	293 1.48	38 9.65	245 10.84	275 2.00	51 0.79	20 5.28	2.39 10
2-1/2"	65 4.12	105 14.40	366 1.84	47 11.86	301 13.52	343 2.50	64 1.14	29 10.26	4.66 5
3"	80 4.50	114 16.60	422 2.10	53 13.89	353 15.65	398 3.00	76 1.20	30 14.72	6.67 4

SIZE	A	B	C	D	E	F	G	S-111-LF	Master
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	Lbs. Kg.	Ctn Qty.
1/2"	15 1.75	44 5.46	139 0.75	19 3.88	99 4.80	122 0.50	13 0.50	13 0.69	0.31 50
3/4"	20 2.38	60 5.89	150 0.88	22 4.93	125 5.74	146 0.75	19 0.75	19 1.02	0.47 50
1"	25 2.82	72 7.21	183 1.00	25 5.87	149 6.85	174 1.00	25 0.91	23 1.68	0.76 30
1-1/4"	32 3.12	79 8.20	208 1.18	30 6.69	170 7.84	199 1.25	32 0.97	25 2.39	1.08 20
1-1/2"	40 3.42	87 9.40	239 1.24	31 7.48	190 8.91	226 1.50	38 1.09	28 3.25	1.47 10
2"	50 4.00	102 11.54	293 1.31	33 9.60	244 10.78	274 2.00	51 1.34	34 4.97	2.25 10

†No packing gland, packing only in this size.



WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

LEAD-FREE: Weighted average lead content ≤ 0.25%