

Lead-Free* Bronze Gate Valves

Features: Silicon Performance Bronze® alloy • screw-in bonnet • rising stem

Approvals: conforms to MSS SP-139 • solid wedge • NSF/ANSI-61-8 commercial hot 180°F (includes annex F and G) and NSF/ANSI-372

Size range: 1/4" - 3"

Pressure rating: 300 PSI non-shock cold working pressure

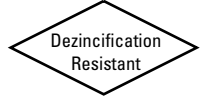
Maximum pressure / temperature: 100 PSI at 300° F

Lead-free* markings:

Double oval in body casting, white handle and blue hang tag



NSF/ANSI 61
NSF/ANSI 372



T-111-LF
Threaded



S-111-LF
Solder

MATERIAL LIST

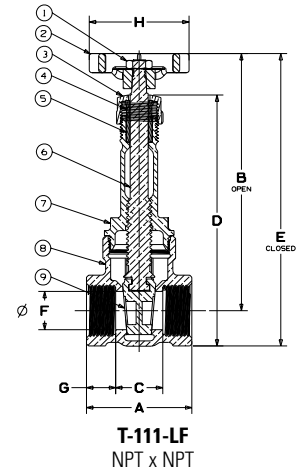
PART	SPECIFICATION
1. Handwheel Nut	300 Series Stainless Steel
2. Identification Plate	Aluminum
3. Handwheel	Malleable Iron ASTM A47
4. Stem	Silicon Bronze ASTM B371 Alloy C69430 or ASTM B99 Alloy C65100
5. Packing Nut	Bronze ASTM B62 or ASTM B584 Alloy C84400 or Brass ASTM B16
6. Packing Gland	Bronze 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

DIMENSIONS—WEIGHTS—QUANTITIES

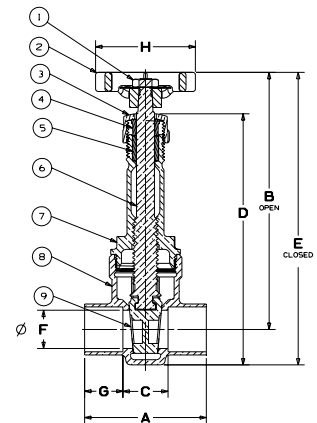
SIZE	A		B		C		D		E		F		G		T-111-LF		Master	
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	Lbs.	Kg.	Ctn Qty.		
1/4"	8	1.68	43	5.12	130	0.88	22	3.62	92	4.54	115	0.31	8	0.38	10	0.75	0.34	50
3/8"	10	1.68	43	5.20	132	0.84	21	3.62	92	4.56	116	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.	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.



T-111-LF
NPT x NPT



S-111-LF
C x C

*Weighted average lead content ≤ 0.25%