

NIBCO® Press System Lead-Free Bronze Gate Valves

Features: Silicon Performance Bronze® Alloy • Screw-In Bonnet • Rising Stem
• Conforms to MSS SP-139 • Solid Wedge • Press Ends Leak Detection

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

Size range: 1/2" - 3"

Pressure rating: 250* PSI non-shock cold working pressure

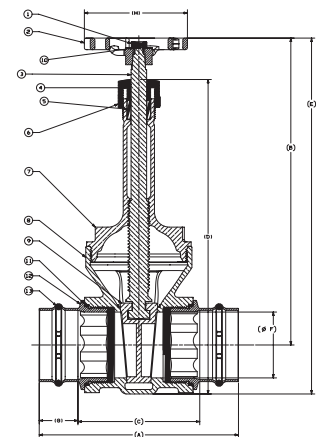
Maximum pressure / temperature: 180 PSI at 200° F

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



MATERIAL LIST

PART	SPECIFICATION
1. Handwheel Nut	300 Series Stainless Steel
2. Handwheel	Malleable Iron ASTM A47, 35018
3. Stem	Silicon Bronze ASTM B371 Alloy C69430
4. Packing Gland	ASTM B16 C36000
5. Stem Packing	Aramid Fibers with Graphite
6. Packing Nut	ASTM B16 C36000
7. Bonnet	Silicon Bronze ASTM B584 Alloy C87850
8. Body	Silicon Bronze ASTM B584 Alloy C87850
9. Wedge	Silicon Bronze ASTM B584 Alloy C87850
10. Identification Plate	Aluminum
11. Boss seal o-ring (2)	EPDM
12. Press End Adapter (2)	Wrot Copper ASTM B75 Alloy C12200
13. Leak Detect O-Ring (2)	EPDM



PC-111-LF
Press x Press
Female End

DIMENSIONS—WEIGHTS—QUANTITIES

SIZE	A	B	C	D	E	F	G	H	Weight	Master
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	3.68 93.47	4.85 123	2.28 57.9	3.92 100	4.82 122	0.5 13	0.7 17.78	2.44 62	0.96 0.43	50
3/4 20	4.28 108.7	5.89 150	2.36 60	4.93 125	5.74 146	0.75 19	0.96 24	2.44 62	1.38 0.62	25
1 25	4.62 117.3	7.21 183	2.85 72.4	5.95 151	6.93 176	1.00 25	0.88 22.35	3.19 81	2.18 0.99	20
1-1/4 32	5.1 129.5	8.20 208	3.08 78.23	6.69 170	7.84 199	1.25 32	1.01 25.65	3.19 81	3.15 1.43	10
1-1/2 40	6.18 157	9.40 239	3.41 86.6	7.51 191	8.94 227	1.50 38	1.38 35	4.42 112.3	4.5 2.04	10
2 50	6.44 163.6	11.54 293	3.42 86.9	9.65 245	10.84 275	2.00 51	1.51 38.3	4.42 112.3	6.7 3.04	4
2-1/2 [†] 65	7.56 192	14.4 366	4.62 117.3	11.86 301	13.52 343	2.50 64	1.47 37.3	4.42 112.3	11.9 5.4	4
3 [†] 80	8.49 215.6	16.6 422	5.17 131.3	13.89 353	15.65 398	3.00 76	1.66 42.2	5.28 134.1	18.6 8.44	4

[†]No packing gland, packing only in this size.

* 200 PSI for 2 1/2" and 3"



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%