

NIBCO® Press System Bronze Gate Valves

Screw-In Bonnet • Rising Stem • Solid Wedge

200 psi/13.8 bar non-shock cold working pressure
250°F maximum operating temperature

CONFORMS TO MSS SP-80

MATERIAL LIST

PART	SPECIFICATION
1. Handwheel Nut	300 Series Stainless Steel
2. Identification Plate	Aluminum
3. Handwheel	Malleable Iron ASTM A 47
4. Stem	Silicon Bronze ASTM B 371 Alloy C69430 or ASTM B 99 Alloy C65100
5. Pack Nut	Brass ASTM B 16 Alloy C36000
6. Pack Gland	Brass ASTM B 16 Alloy C36000
7. Packing	Aramid Fibers with Graphite
8. Bonnet	Bronze ASTM B 62 Alloy C83600
9. Body Assembly	Bronze ASTM B 62 Alloy C83600
10. Wedge	Bronze ASTM B 62 Alloy C83600
11. Female Adapter (2)	Bronze ASTM B 61 Alloy C92200
12. O-Ring (2)	EPDM

DIMENSIONS—WEIGHTS

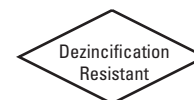
Dimensions									
Size		Dimensions						Weight	
		A		B		C			
In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.
½ [†]	15	1.97	50	4.81	122	.50	13	.84	.38
¾	20	2.62	67	5.81	148	.75	19	1.30	.59
1	25	3.07	78	7.09	180	1.00	25	2.09	.95
1¼	32	3.36	85	8.13	206	1.25	32	2.95	1.34
1½	40	3.70	94	9.81	249	1.50	38	4.16	1.89
2	50	4.28	109	11.56	294	2.00	51	6.79	3.09

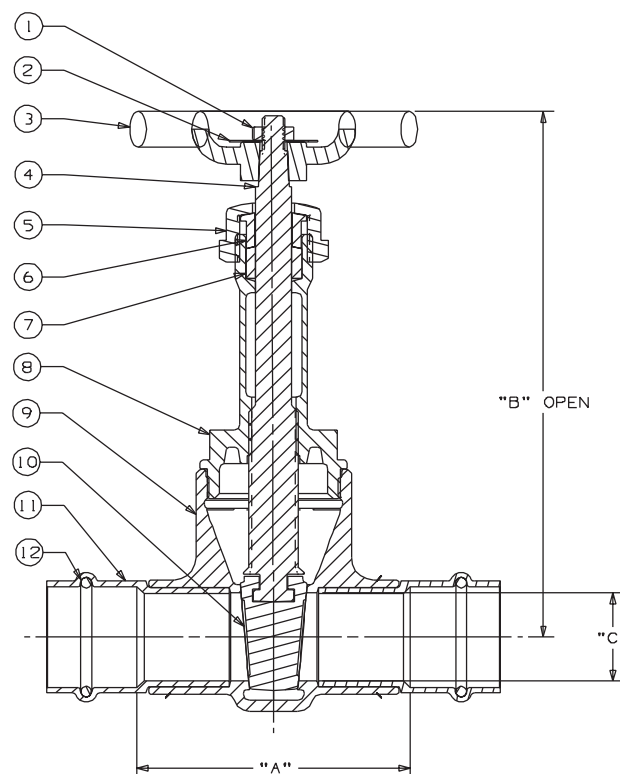
† No packing gland, packing only in this size.

NIBCO Press System gate valves are designed to meet MSS SP-80 with the exception of the end connection. Male and female press-to-connect ends are new technology not yet covered in the current edition of this specification.



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.


PF-111

Press x Press
Female End

PF-111
P x P

Visit our website for the most current information.