

NIBCO® Press System® Bronze Gate Valves

Screw-in Bonnet • Rising Stem • Solid Wedge

Dezincification
Resistant

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



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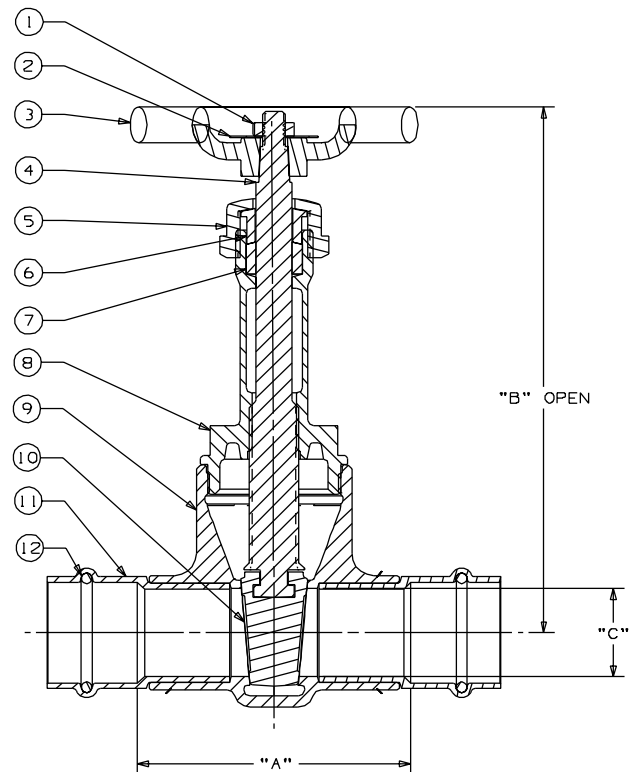
Press x Press
Female End

DIMENSIONS—WEIGHTS

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
1 ¼	32	3.36	85	8.13	206	1.25	32	2.95	1.34
1 ½	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.



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P x P