

NIBCO® Press System® Bronze Gate Valves

Screw-in Bonnet • Non-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

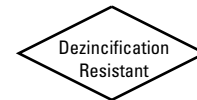
	PART	SPECIFICATION
1.	Handwheel Nut	300 Series Stainless Steel
2.	Identification Plate	Aluminum
3.	Handwheel	Malleable Iron ASTM A 47
4.	Stem	Silicon Bronze ASTM B 371 Alloy C69430 or ASTM B 99 Alloy C65100
5.	Pack Nut	Brass ASTM B 16 Alloy C36000
6.	Pack Gland	Brass ASTM B 16 Alloy C36000
7.	Packing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

DIMENSIONS—WEIGHTS

Size		Dimensions						Weight	
		A		B		C			
In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.
½ †	15	1.97	50	3.63	92	.50	13	.78	.36
¾	20	2.62	67	3.91	99	.75	19	1.21	.55
1	25	3.07	78	4.69	119	1.00	25	1.92	.88
1¼	32	3.36	85	5.22	133	1.25	32	2.69	1.22
1½	40	3.70	94	6.25	159	1.50	38	3.91	1.78
2	50	4.28	109	7.06	179	2.00	51	6.21	2.83

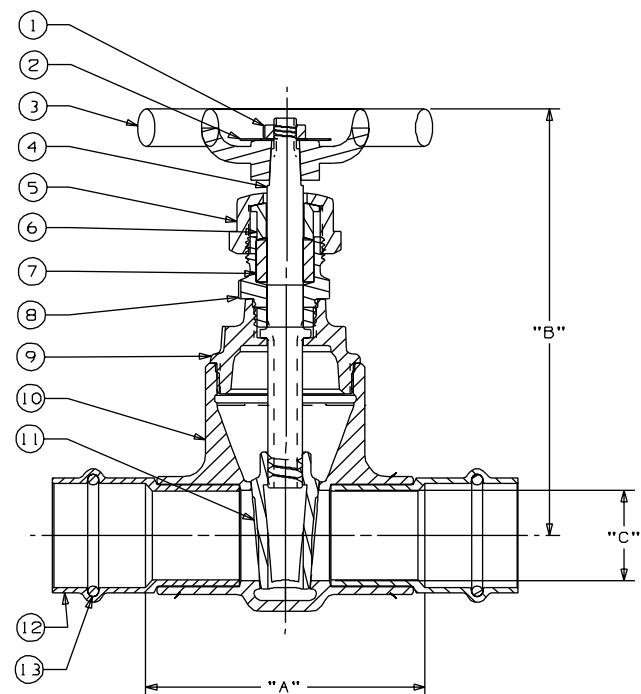
†No packing gland, packing only in this size.

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.



PF113

Press x Press
Female End



PF113

P x P

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