

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

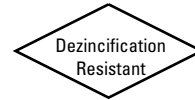
	PART	SPECIFICATION
1.	Handwheel Nut	300 Series Stainless Steel
2.	Identification Plate	Aluminum
3.	Handwheel	Malleable Iron ASTM A 47
4.	Stem	Silicon Bronze ASTM B 371 Alloy C69430 or ASTM B 99 Alloy C65100
5.	Pack Nut	Brass ASTM B 16 Alloy C36000
6.	Pack Gland	Brass ASTM B 16 Alloy C36000
7.	Packing	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.	Stub Out (2)	Type "L" Copper Tube

DIMENSIONS—WEIGHTS

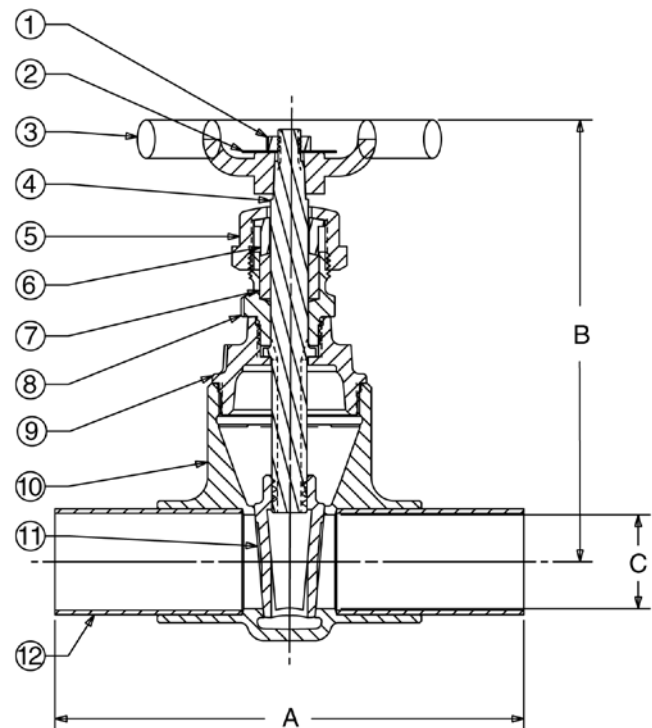
Dimensions									
Size		A		B		C		Weight	
In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.
½ †	15	5.75	146	3.63	92	.50	13	.80	.36
¾	20	6.38	162	3.91	99	.75	19	1.22	.55
1	25	6.82	173	4.69	119	1.00	25	1.93	.88
1¼	32	7.13	181	5.22	133	1.25	32	2.71	1.23
1½	40	7.43	189	6.25	159	1.50	38	3.78	1.72
2	50	7.99	203	7.06	179	2.00	51	5.61	2.54

†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.



PS113
Press x Press
Male End



PS113
P x P