

NIBCO® Press System® Bronze Angle Valves

Screw-in Bonnet • Integral Seat • Renewable Seat and Disc

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
5.	Pack Gland	Brass ASTM B 16 Alloy C36000
6.	Pack Nut	Brass ASTM B 16 Alloy C36000
7.	Packing	Aramid Fibers with Graphite
8.	Bonnet	Bronze ASTM B 62 Alloy C83600
9.	Disc Holder Nut	Bronze ASTM B 62 Alloy C83600
10.	Disc Holder	Bronze ASTM B 62 Alloy C83600
11.	Disc	PTFE
12.	Disc Washer	304 Stainless Steel
13.	Disc Nut	Silicon Bronze ASTM B 96 Alloy C65100
14.	Body	Bronze ASTM B 62 Alloy C83600
15.	Female Adapter (2)	Bronze ASTM B 61 Alloy C92200
16.	O-Ring (2)	EPDM

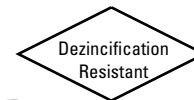
DIMENSIONS—WEIGHTS

Dimensions									
Size		B		H		J		Weight	
In.	mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.
*1/2†	15	3.50	89	1.49	38	1.49	38	1.07	.48
3/4	20	4.94	126	2.00	51	2.00	51	1.94	.88
1	25	5.75	146	2.48	63	2.48	63	3.12	1.42
1 1/4	32	6.13	156	2.59	66	2.59	66	4.21	1.92
1 1/2	40	7.25	179	2.98	76	2.98	76	5.44	2.47
2	50	8.13	206	3.64	93	3.64	93	9.98	4.54

† No packing gland, packing only in this size.

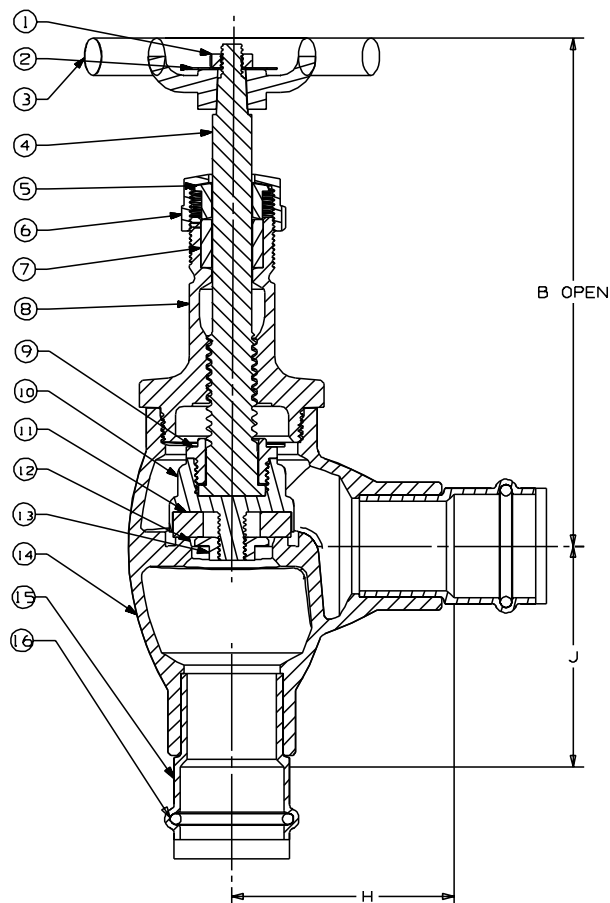
* Stem and Disc or Disc Holder are integral.

NIBCO® Press System® angle 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.



PF311-Y

Press x Press
Female End



PF311-Y
P x P