

# NIBCO® Press System Bronze Ball Valves

Two-Piece Body • Full Port • Stainless Trim • Blowout-Proof Stem • Vented Ball

**600 psi/41.4 bar non-shock cold working pressure**

**250°F maximum operating temperature**

**Nominal sizes 1/2" through 1" are UL certified to NSF/ANSI 61**

CONFORMS TO MSS SP-110

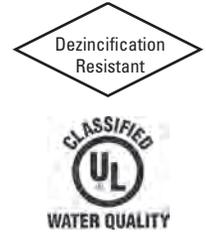
## MATERIAL LIST

PART	SPECIFICATION
1. Handle Nut	Zinc Plated Steel
2. Handle Assembly	Zinc Plated Steel with Plastisol Cover
3. Pack Gland	Brass ASTM B 16 Alloy C36000
4. Packing	PTFE
5. Stem	ASTM A 276 Alloy S31600 Stainless Steel
6. Thrust Washer	RPTFE
7. Ball	ASTM A 276 Alloy S31600 Stainless Steel
8. Seat Ring (2)	RPTFE
9. Body	Bronze ASTM B 584 Alloy C84400
10. Body End Piece	Bronze ASTM B 584 Alloy C84400
11. Stub Out (2)	Type "L" Copper Tube



**PS-585-70-66**

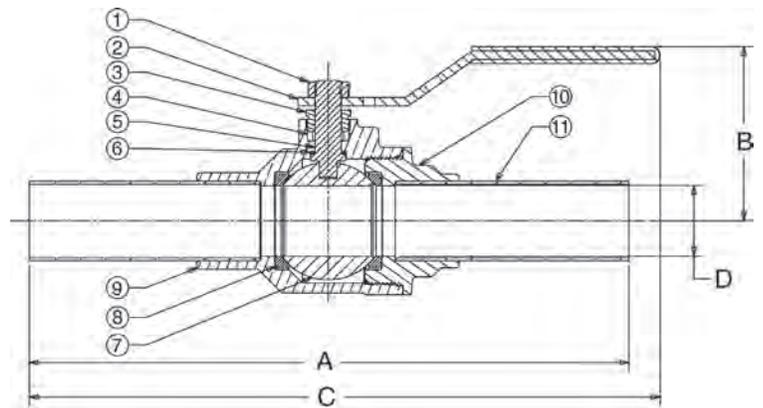
Press x Press  
Male End



## DIMENSIONS—WEIGHTS

Size	Dimensions								Weight
	A	B	C	D					
In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	In. mm.	Lbs.	Kg.		
1/2 15	6.56 167	1.88 48	7.25 184	.50 13	.73 .33				
3/4 20	7.25 184	2.25 57	8.25 210	.75 19	1.50 .68				
1 25	7.75 197	2.38 60	8.63 219	1.00 25	2.05 .93				
1 1/4 32	9.06 230	3.00 76	9.19 233	1.25 32	3.86 1.75				
1 1/2 40	9.99 254	3.16 80	11.69 297	1.50 38	5.79 2.63				
2 50	10.72 272	3.50 89	12.06 306	2.00 51	8.84 4.00				

NIBCO Press System ball valves are designed to meet MSS SP-110 with the exception of the end connection. Ball valves are down-rated from 600 psi CWP to 200 psi CWP to match the NIBCO Press System. Male and female press-to-connect ends are new technology not yet covered in the current edition of this specification.



**PS-585-70-66**  
P x P

**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](http://www.P65Warnings.ca.gov).

Visit our website for the most current information.