

# NIBCO® Press System® Bronze Ball Valves

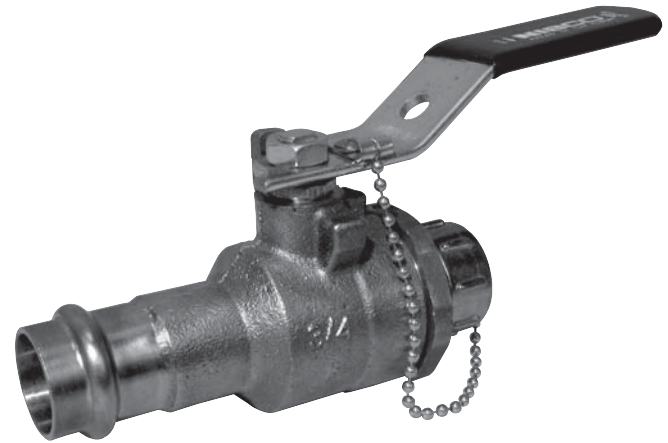
Two-Piece Body • Full Port • Bronze Trim • Blowout-Proof Stem  
• 3/4" Hose Connection w/Cap and Chain

600 PSI/41.4 Bar Non-Shock Cold Working Pressure  
250°F Maximum Operating Temperature

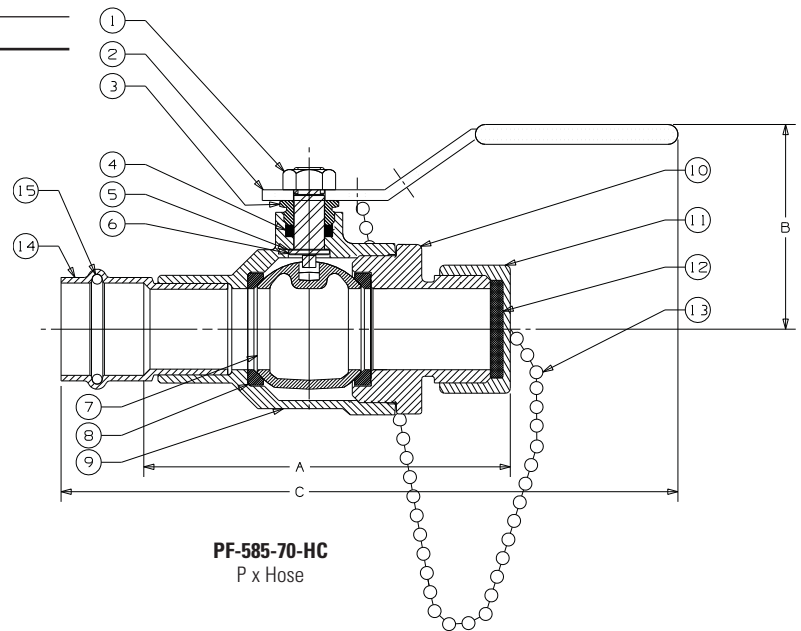
CONFORMS TO MSS SP-110

## MATERIAL LIST

PART	SPECIFICATION
1. Handle Nut	Zinc Plated Steel
2. Handle Assembly	Zinc Plated Steel with Plastisol Cover
3. Pack Gland	Brass ASTM B16 Alloy C36000
4. Packing	PTFE
5. Thrust Washer	RTFE
6. Stem	Silicon Bronze ASTM B371 Alloy C69430
7. Ball	Brass ASTM B16 Alloy C36000 or ASTM B124 C37700 (Chrome/Nickel Plated)
8. Seat Ring (2)	RTFE
9. Body	Bronze ASTM B584 Alloy C84400
10. Hose Body End	Brass ASTM B124 Alloy C37700
11. Cap	Die Cast Brass
12. Gasket	Rubber
13. Chain	Brass
14. Female Adapter	Bronze ASTM B61 Alloy C92200
15. O-Ring	EPDM



**PF585-70-HC**  
Press Female x Hose End



**PF-585-70-HC**  
P x Hose

## DIMENSIONS—WEIGHTS

Size	Dimensions						Weight		
	A		B		C				
In. mm.	In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	
1/2	15	3.01	76	1.88	48	6.13	156	.78	.35
3/4	20	3.59	91	2.25	57	7.40	188	1.54	.70

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 Press System®. Male and female press-to-connect ends are new technology not yet covered in the current edition of this specification.