

# NIBCO® Press System® Bronze Ball Valves

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

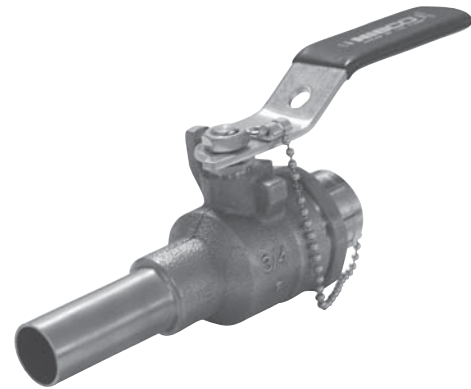
600 PSI/41.4 Bar Non-Shock Cold Working Pressure  
250°F Maximum Operating Temperature

CONFORMS TO MSS SP-110

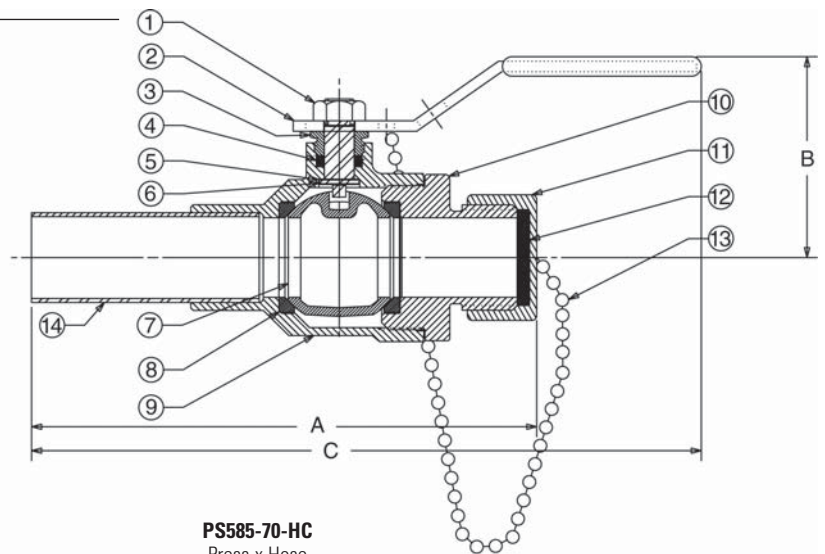
## MATERIAL LIST

PART	SPECIFICATION
1. Handle Nut	Zinc Plated Steel
2. Handle	Zinc Plated Steel
3. Pack Gland	Brass ASTM B 16 Alloy C36000
4. Packing	PTFE
5. Thrust Washer	RTFE
6. Stem	Silicon Bronze ASTM B 371 Alloy C69430
7. Ball	Brass ASTM B 16 Alloy C36000 or ASTM B 124 Alloy C37700 (Chrome/Nickle Plated)
8. Seat Rings	Reinforced TFE
9. Body Assembly	Bronze ASTM B 584 Alloy C84400
10. Hose Body End	Brass ASTM B 124 Alloy C37700
11. Cap	Die Cast Brass
12. Gasket	Rubber
13. Chain	Brass
14. Stub Out	Type "L" Copper Tube

Cap is for hose end thread protection only. Not to be used for pressure containing purposes.



**PS585-70-HC**  
Press Male x Hose End



**PS585-70-HC**  
Press x Hose

## DIMENSIONS—WEIGHTS

Size	Dimensions			Weight					
	A	B	C	Lbs.	Kg.				
1/2	15	4.90	124	1.88	48	7.19	183	.81	.37
3/4	20	5.47	139	2.25	57	8.25	210	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.**