

NEW NIBCO® 585HP Lead-Free Bronze Ball Valves

Features: Silicon Performance Bronze® Alloy • Laser-Welded Cast Body • Triple-Sealed Stem • Reversible Handle • Easily Adjustable Packing Nut • Blowout-Proof Stem • Hose Cap and Chain

Approvals: MSS-SP110/145 • IAPMO/ANSI Z1157 • ASME A112.4.14/CSA B125.14 • NSF/ANSI/CAN 61/372-8 Commercial Hot 180° F • ICC-ES PMG

Size range: ½", ¾"

Pressure rating: 1000 psi non-shock cold working pressure

Lead-free markings: Double oval in body casting, white handle and blue hang tag

United States Patent
No. 10,234,043 &
United States Patent
No. 11,131,403



MATERIAL LIST

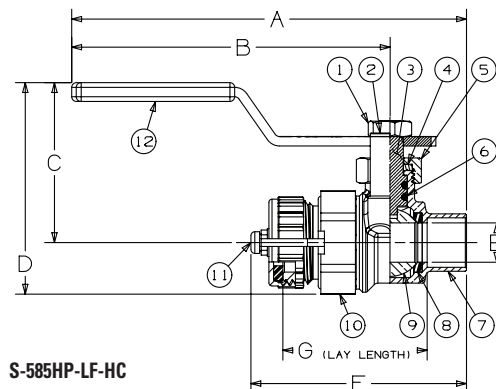
PART	SPECIFICATION
1. Handle Nut	Carbon Steel, GEOMET® Coated
2. Handle Stop	ASTM A276 S31600 Stainless Steel
3. Stem	ASTM B371 C69300 Lead-free Silicon Bronze ASTM A276 316 Stainless Steel
4. Packing	PTFE
5. Packing Nut	ASTM B16 C36000 Brass
6. Stem O-ring (2)	Omonix® EPDM
7. Body	ASTM B584 C87500 DZR Lead-free Silicon Bronze Casting
8. Seats (2)	Reinforced PTFE
9. Ball	ASTM B584 C46500 DZR Lead-free Brass ASTM A276 or A351 CF8M Stainless Steel
10. Body End Piece	ASTM B371 C69300 DZR Lead-free Silicon Brass
11. Hose Cap Assembly	HPB58-3 Brass
12. Handle	Carbon Steel, GEOMET® Coated, Platisol Grip



S-585HP-LF-HC

Solder x Hose Cap

S-585HP-66-LF-HC with stainless steel trim also available.



S-585HP-LF-HC

DIMENSIONS - WEIGHTS

Size	A		B		C		D		E		F		G		Weights	
In.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	lbs.	kg
½"	5.02	127.51	4.04	102.62	2.03	51.56	2.69	68.33	0.50	12.70	2.74	69.60	1.83	46.48	0.565	0.256
¾"	5.65	143.51	4.18	106.17	2.31	58.67	3.18	80.77	0.75	19.05	3.26	82.80	2.11	53.59	0.945	0.429

Notes: 1. Cap is for hose end thread protection only. Not to be used for pressure containing purposes.

2. Solder end is designed to be soft soldered into lines using solder with the melting point not exceeding 500°F. Higher temperature solders will damage the seat material. See installation sheet packaged with valves.



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.

LEAD-FREE: Weighted average lead content ≤ 0.25%