

70-100/200 HC Series

Bronze Ball Valve with 3/4" Hose Connection and Protective Cap & Chain

SUBMITTAL SHEET

"Apollo" Flow Controls



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO#:	
Rep:	
Wholesale Dist.:	

DESCRIPTION

The Apollo® 70-HC models are ideally suited for direct connection to hoses. Valves feature a heavy duty machined hose thread cover with heavy duty stainless steel chain to prevent loss. Standard lever and nut are stainless steel.

FEATURES

- NPT or Solder End x 3/4"-11.5 NH
- Full Pressure Rated Heavy Brass Hose Cap
- Blowout-Proof Stem Design
- Adjustable Packing Gland
- Premium RPTFE Seats and Stem Packing
- Stainless Steel Lever and Stem Nut, Ball Chain
- 100% Factory Tested
- Made in USA

PERFORMANCE RATING

- Maximum Pressure: 600 psi CWP
- Maximum Temperature: 210°F
- Vacuum Service to 29 in. Hg

APPROVALS

- MSS SP-110 - Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends
- ANSI/ASME B1.20.7 Hose Thread

OPTIONS

- (-04) 2-1/4" CS Stem Extension 1/2" - 1"
- (-07) Steel Tee Handle 1/2" - 1"
- (-11) Therma-Seal™ Insulating Tee Handle 1/2" - 1"
- (-15) Wheel Handle, Steel 1/2" - 1"
- (-27) SS Latch-Lock Lever & Nut 1/2" - 1"
- (-94) 2-1/4" Extension w/ Balancing Stop 1/2" - 1"
- 70LF-140 & 70LF-240 series w/ SS Ball & Stem

STANDARD MATERIALS LIST

Lever And Grip	Stainless Steel w/ Vinyl
Stem Packing	MPTFE
Stem Bearing	RPTFE
Ball	B16, Chrome Plated or B283, C37700
Seat (2)	RPTFE
Retainer	B16 Brass
Gland Nut	B16 Brass
Stem	B16 Brass
Lever Nut	Stainless Steel
Body	B584-C84400
Hose Cap	ASTM B16 Brass
Ball Chain	Stainless Steel

**70-2xxHC intended for soft solder installation using solders with melting temperature of < 500°F.

DIMENSIONS

PART NUMBER	SIZE (IN.)	DIMENSIONS (IN.)								WT. (LB.)
		A	B	C	D	E	F	G	H	
NPT X 3/4" HOSE THREAD										
70-103-HC	1/2"	0.50	1.09	2.75	2.99	1.94	4.18	-	-	0.63
70-104-HC	3/4"	0.68	1.50	3.41	3.66	2.32	5.31	-	-	1.30
70-105-HC	1"	0.87	1.92	3.92	4.16	2.43	5.28	-	-	1.72
SOLDER X 3/4" HOSE THREAD										
70-203-HC	1/2"	0.50	1.42	3.08	3.32	1.94	4.18	0.63	0.50	0.71
70-204-HC	3/4"	0.68	1.93	3.84	4.09	2.32	5.31	0.88	0.75	1.44

