

77F-200 Series

Full Port Solder End Brass Ball Valve

SUBMITTAL SHEET

"Apollo" Flow Controls



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

DESCRIPTION

The Apollo 77F-200 series is a full port forged brass ball valve suitable for a wide range of plumbing and heating applications. This valve is designed to be soft soldered into lines without disassembly. Proudly Made in the USA.

FEATURES

- Heavy Pattern Forged Design
- Full-Port Flow
- Superior RPTFE Seats and Packing
- Adjustable Stem Packing
- Blowout Proof Stem
- Corrosion Resistant Materials
- 100% Factory Tested
- Silicone Free Assembly
- Made in USA, ARRA Compliant

PERFORMANCE RATING

- Rating: 600 CWP (1/4" - 2")
- Rating: 400 CWP (2-1/2" - 4")
- Temperature Range: 0°F - 400°F
- Vacuum Service to 29 in. Hg

APPROVALS

- MSS SP-110 Ball Valves
- IAPMO IGC-157 Ball Valves (1/2"-4")
- FM 1140 (1/2"-2")

OPTIONS

- (-01) Standard Lever
- (-04) 2 1/4" Stem Extension (1/2"-2-1/2")
- (-07) Tee Handle (1/2"-2")
- (-11) Therma-Seal™ Insulating Tee Handle (1/2"-2")
- (-27) Locking Handle (1/2"-2-1/2")
- (77F-240 Series) SS Ball & Stem
- (77FLF Series) Lead Free (0.25% Lead Max)

STANDARD MATERIALS LIST

Body	Brass, ASTM B283 alloy C37700
Seat	RPTFE
Ball	Brass, ASTM B16, C36000 or B283, C37700 Chrome Plated
Stem Packing	RPTFE
Nut	Corrosion Resistant Plated Steel
Stem	Brass, ASTM B16, C36000
Retainer	Brass, ASTM B283 alloy C37700 or B16, C36000
Handle	Plated Steel / Insulated Polyvinyl
Gland	Brass, ASTM B16, C36000

Not intended for potable water in USA

DIMENSIONS

MODEL NUMBER	SIZE (IN.)	DIMENSIONS (IN.)						WT. (LB.)
		A	B	C	D	E	F	
77F-203-01	1/2"	0.50	1.37	2.37	1.66	2.85	0.50	0.4
77F-204-01	3/4"	0.75	1.72	3.13	1.91	3.86	0.75	0.9
77F-205-01	1"	1.00	2.01	3.73	2.11	3.86	0.91	1.3
77F-206-01	1-1/4"	1.25	2.07	3.97	2.44	4.75	0.97	2.0
77F-207-01	1-1/2"	1.50	2.42	4.69	2.91	5.42	1.09	3.3
77F-208-01	2"	2.00	2.91	5.82	3.69	7.77	1.34	5.6
77F-209-01	2-1/2"	2.50	3.68	7.05	4.14	7.77	1.48	11.6
77F-200-01	3"	3.00	4.26	8.15	5.03	9.92	1.67	19.3
77F-20A-01	4"	4.00	4.82	9.57	5.70	14.78	2.16	25.6

