

77-200 Series

Full Port Solder Bronze Ball Valve



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

DESCRIPTION

The Apollo 77-200 Series is designed to be soldered into lines without disassembly. This allows a factory tested valve to be installed without disturbing the seats and seals. Designed for soft solder with melt points less than 500°F.

FEATURES

- Heavy Duty Cast Bronze Body
- Chromium Plated Ball
- Full Flow, Minimum Pressure Drop
- Adjustable Packing
- Blowout-Proof Stem Design
- RPTFE Seats and Stuffing Box Ring
- Chromium Plated Ball
- **Made in USA, ARRA Compliant**

PERFORMANCE RATING

- Maximum Pressure: CWP: 600 psi
- Maximum Temperature: 500°F
- Vacuum Service to 29 in. Hg

MODELS

- 77-200 Series Standard
- 77-240 Series 316 SS Ball & Stem

APPROVALS

- MSS SP-110; Ball Valves, Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends
- CRN: OC10908.5C

OPTIONS & SIZES

- (-04) 2-1/4" CS Stem Extension 1/4" - 2-1/2"
- (-07) Steel Tee Handle 1/4" - 1-1/2"
- (-15) Wheel Handle, Steel 1/4" - 1-1/4"
- (-27) SS Latch-Lock Lever & Nut 1/4" - 2-1/2"
- (-57) Oxygen Cleaned 1/4" - 2-1/2"

STANDARD MATERIALS LIST

LEVER AND GRIP	Steel, Zinc Plated w/ Vinyl
STEM PACKING	MPTFE
STEM BEARING	RPTFE
BALL	B16, Chrome Plated or B283, C37700
SEAT (2)	RPTFE
RETAINER	B16 (3/4" to 1"), B584-C84400 (1-1/4" to 2-1/2")
GLAND NUT	B16
STEM	B16
LEVER NUT	Steel, Zinc Plated
BODY SEAL (1-1/4" TO 2-1/2")	PTFE
BODY	B584-C84400

DIMENSIONS

PART NUMBER	SIZE (IN.)	DIMENSIONS (IN.)						
		A	B	C	D	E	F	G
77-204-01	3/4	0.81	2.12	4.12	2.12	4.87	0.88	0.75
77-205-01	1	1.00	2.33	4.60	2.62	5.50	1.13	0.90
77-206-01	1-1/4	1.25	2.60	5.15	2.87	5.50	1.38	0.96
77-207-01	1-1/2	1.50	3.00	6.00	3.34	8.00	1.63	1.09
77-208-01	2	2.00	3.62	7.24	3.71	8.00	2.13	1.34
77-209-01	2-1/2	2.50	3.93	7.87	4.12	8.00	2.63	1.48

