



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
- 77-250 Series Balancing Stop

### 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

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

