



77-200 SERIES

Full Port Solder End Ball Valve

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

DESCRIPTION

The Apollo® 77-200 Series is a full port ball valve designed to be soft soldered into lines without disassembly.

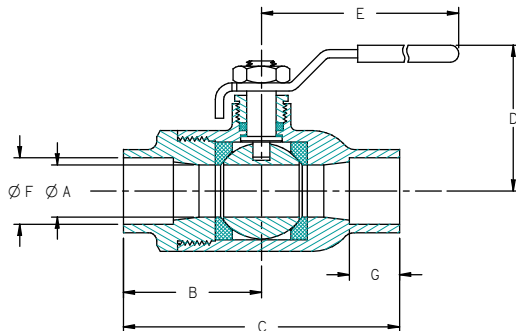
FEATURES

- Adjustable Packing
- Blow-Out Proof Stem Design
- RPTFE Seats and Stuffing Box Ring
- Chromium Plated Ball
- Mounting Pad for easy Actuator Mounting

PERFORMANCE RATING

- Maximum Pressure: 600 psi CWP, 150 psi SWP
- Maximum Temperature: 500°F
- Vacuum Service to 29 in. Hg

DIMENSIONS



Model Number	Size (in.)	Dimensions						
		A	B	C	D	E	F	G
77-204	3/4"	0.81	2.12	4.12	2.12	4.87	0.88	0.75
77-205	1"	1.00	2.33	4.64	2.62	5.50	1.13	0.90
77-206	1 1/4"	1.25	2.60	5.15	2.87	5.50	1.38	0.96
77-207	1 1/2"	1.50	3.00	6.00	3.34	8.00	1.63	1.09
77-208	2"	2.00	3.62	7.24	3.71	8.00	2.13	1.34
77-209	2 1/2"	2.50	3.93	7.87	4.12	8.00	2.63	1.48

MODELS

- | | |
|--|--------------------|
| <input type="checkbox"/> 77-200 Series | Standard |
| <input type="checkbox"/> 77-240 Series | 316 SS Ball & Stem |
| <input type="checkbox"/> 77-250 Series | Balancing Stop |

APPROVALS

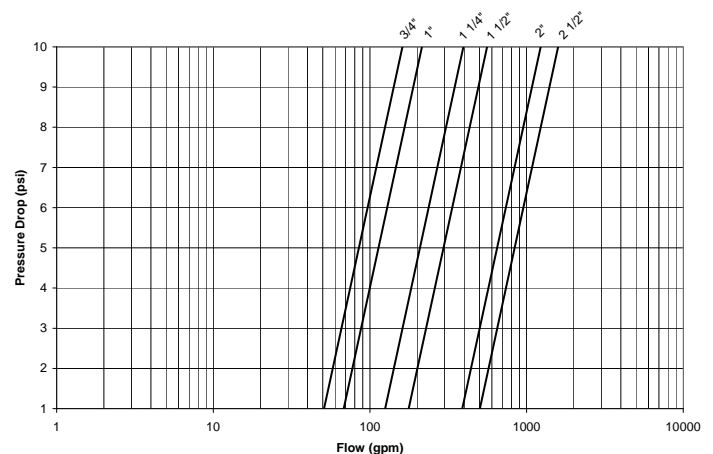
- MSS SP-110; Ball Valves, Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends
- CRN: OC10908.5C



STANDARD MATERIALS LIST

Part Name	Material
Lever and Grip	Steel, Zinc Plated w/ Vinyl
Stem Packing	RPTFE
Stem Bearing	RPTFE
Ball	B16, Chrome Plated
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

FLOW CHARACTERISTICS



OPTIONS & SIZES

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

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