

"Apollo" Valves

SUBMITTAL SHEET

77-200 Series

Full Port Solder End Ball Valve



Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO Number:	
Representative:	
Wholesale Distributor:	



DESCRIPTION

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
- Blow-Out Proof Stem Design
- RPTFE Seats and Stuffing Box Ring
- Chromium Plated Ball

PERFORMANCE RATING

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

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"

MODELS

- 77-200 Series Standard
- 77-240 Series 316 SS Ball & Stem
- 77-250 Series Balancing Stop

APPROVALS

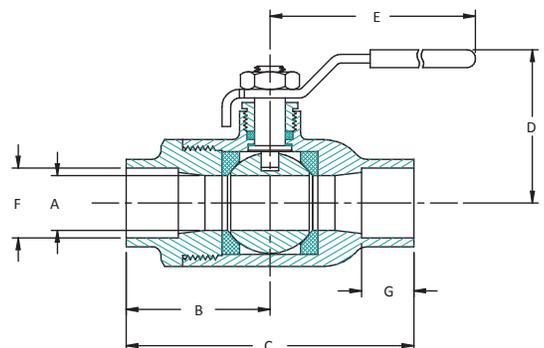
- MSS SP-110; Ball Valves, Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends
- CRN: OC10908.5C

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

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



Apollo Valves, Manufactured by **Conbraco Industries, Inc.**
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