



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

DESCRIPTION

The Apollo® 82-200 & 82A-240 Series is an in-line serviceable valve designed for soft soldering or brazed installations. SAE Grade Body Bolts and RPTFE seals are standard.

FEATURES

- Dezincification Resistant Bronze Body
- Adjustable Packing Gland
- Blowout-Proof Stem Design
- Premium RPTFE Seats and Seals
- Full Port Ball Configuration in all Sizes
- 100% Factory Tested
- Made in USA

APPROVALS

- MSS SP-110; Ball Valves, Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends
- CSA B51 CRN: OC10908.5C

PERFORMANCE RATING

- Maximum Pressure:
82-200 Series: 600 psi CWP | 150 psi SWP
- 82A200 Series: 400 psi CWP | 150 psi SWP
- Maximum Temperature: 350°F
- Vacuum Service to 29 in. Hg

OPTIONS & SIZES

- (-01) Lever Handle (Standard) 1/4" - 4"
- (-02) Stem Grounded 1/4" - 4"
- (-04) 2-1/4" CS Stem Extension 1/4" - 2"
- (-07) Steel Tee Handle 1/4" - 2"
- (-08) 90° Reversed Stem 1/4" - 4"
- (-10) SS Lever & Nut 1/4" - 4"
- (-11) Therma-Seal™ 2-1/4" Tee Handle 1/4" - 2"
- (-14) Side Vented Ball (Uni-Directional) 1/4" - 4"
- (-15) Wheel Handle, Steel 1/4" - 2"
- (-16) Chain Lever-Vertical 1/2" - 2"
- (-18) Plain Yellow Grip 1/4" - 2"
- (-19) Lock Plate 1/4" - 2"*
- (-20) Slot Vented Ball 1/4" - 4"*
- (-21) UHMWPE Trim (Non-PTFE) 1/4" - 4"
- (-24) Graphite Packing 1/4" - 4"
- (-27) SS Latch-Lock Lever & Nut 1/2" - 2"
- (-30) Cam-Lock & Grounded 1/4" - 1-1/4"
- (-32) SS Tee Handle & Nut 1/4" - 2"
- (-35) PTFE Trim 1/4" - 4"
- (-39) SS Hi-Rise Locking Wheel Handle & Nut 1/2" - 1-1/4"
- (-40) Cyl-Loc & Grounded 1/4" - 1/2"
- (-45) Less Lever & Nut 1/4" - 4"
- (-46) Latch Lock Lever-Lock Closed Position Only 1/2" - 2"
- (-47) SS Oval Latch-Lock Handle & Nut 1/2" - 3/4"
- (-48) SS Oval Handle (No Latch) & Nut 1/4" - 2"
- (-49) Assembled Dry 1/4" - 4"
- (-50) 2-1/4" CS Locking Stem Ext. 1/4" - 2"
- (-56) MPTFE Seats and Packing 1/4" - 4"
- (-57) Oxygen Cleaned 1/4" - 4"
- (-58) Chain Lever-Horizontal 3/4" - 2"
- (-59) SS External Trim 3/4" - 4"
- (-60) Static Grounded Ball & Stem 1/4" - 4"
- (-62) Body Center Section Only 1/4" - 4"
- (-63) NPT x Solder 3/8" - 4"
- (-92) Balancing Stop 1/4" - 2"
- (-94) -04 Option & Balancing Stop 1/4" - 2"

STANDARD MATERIALS LIST

LEVER AND GRIP	Steel, Zinc Plated w/ Vinyl
STEM PACKING	RPTFE
STEM BEARING	RPTFE
BALL	ASTM B16, Chrome Plated or ASTM B283 (1/4" - 2-1/2") ASTM A276-316 SS (3" - 4")
SEAT (2)	RPTFE
END CAP (2)	B16 (1/4" & 3/8"), B584-C84400 (1/2" - 4")
GLAND NUT	ASTM B16 Brass
STEM	ASTM B16, Chrome Plated (1/4" - 2-1/2") ASTM A276-316 SS (3" - 4")
LEVER NUT	Steel, Zinc Plated
BODY BOLT	Steel, Zinc Plated
HEX NUT	Steel, Zinc Plated
BODY	B584-C84400 Bronze

**82-2xxA cannot be brazed and is intended for soft solder installation using solders with melting temperature of < 500°F.*

DIMENSIONS

MODEL NUMBER	SIZE (IN.)	DIMENSIONS (IN.)							
		A	B	C	D	E	F	G	H
82-202-01	3/8	0.44	1.28	2.56	1.81	3.87	0.50	0.38	1.60
82-203-01	1/2	0.56	1.40	2.81	1.93	4.87	0.63	0.50	1.78
82-204-01	3/4	0.83	1.71	3.43	2.18	4.87	0.88	0.75	1.98
82-205-01	1	1.00	1.93	3.87	2.62	5.50	1.13	0.90	2.22
82-206-01	1-1/4	1.25	2.37	4.75	2.87	5.50	1.38	0.97	2.70
82-207-01	1-1/2	1.50	2.62	5.25	3.37	8.00	1.63	1.09	3.03
82-208-01	2	2.00	3.01	6.03	3.68	8.00	2.13	1.34	3.87
82-209-01	2-1/2	2.50	3.62	7.25	5.14	9.75	2.63	1.47	5.05
82A-240-01	3	3.00	4.18	8.37	8.10	19.13	3.13	1.66	5.82
82A-24A-01	4	4.00	5.43	10.86	8.88	19.13	4.13	2.16	7.77

*3" & 4" valves come standard with SS ball and stem (not optional) and adjustable length locking handles.

