

70B-140 Series

Power Piping Bronze Ball Valve



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

DESCRIPTION

The Apollo 70B Series for boiler external piping service has the same rugged features as the standard 70 Series valves but with ASTM B62 bronze shell components. The 70B provides trusted performance along with a wide range of options to suit every application.

FEATURES

- Blowout-Proof Stem Design
- Adjustable Packing Gland
- MPTFE Seats and Stuffing Box Ring
- 100% Factory Tested

PERFORMANCE RATING

- Maximum Pressure: CWP: 600 psig | SWP: 250 psig
- Maximum Temperature: 500°F
- Vacuum Service to 29 in. Hg

APPROVALS

- MSS SP-110; Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends
- CRN: OC10908.5C
- ASME B31.1, "Power Piping"

OPTIONS

- (-02) Stem Grounded 3/4" - 2"
- (-03) 1-1/4" CS Stem Extension 3/4" - 2"
- (-04) 2-1/4" CS Stem Extension 3/4" - 2"
- (-07) Steel Tee Handle 3/4" - 2"
- (-08) 90° Reversed Stem 3/4" - 2"
- (-10) SS Lever & Nut 3/4" - 2"
- (-14) Side Vented Ball (Uni-Directional) 3/4" - 2"
- (-15) Wheel Handle, Steel 3/4" - 2"
- (-16) Chain Lever-Vertical 3/4" - 2"
- (-24) Graphite Packing 3/4" - 2"
- (-27) SS Latch-Lock Lever & Nut 3/4" - 2"
- (-30) Cam-Lock & Grounded 3/4" - 2"
- (-32) SS Tee Handle & Nut 3/4" - 2"
- (-39) SS Hi-Rise Locking Wheel Handle & Nut 3/4" - 2"
- (-40) Cyl-Loc & Grounded 3/4" - 2"
- (-45) Less Lever & Nut 3/4" - 2"
- (-46) Latch Lock Lever-Lock Closed Position Only 3/4" - 2"
- (-47) SS Oval Latch-Lock Handle & Nut 3/4" - 1"
- (-48) SS Oval Handle (No Latch) & Nut 3/4" - 2"
- (-49) Assembled Dry 3/4" - 2"
- (-50) 2-1/4" CS Locking Stem Extension 3/4" - 2"
- (-57) Oxygen Cleaned 3/4" - 2"
- (-58) Chain Lever-Horizontal 3/4" - 2"
- (-60) Static Grounded Ball & Stem 3/4" - 2"
- (-P01) BSPP (Parallel) Threaded Connection 1/4" - 2"
- (-T01) BSPT (Tapered) Threaded Connection 1/4" - 2"

STANDARD MATERIALS LIST

LEVER AND GRIP	Steel, Zinc Plated w/ Vinyl
STEM PACKING	MPTFE
STEM BEARING	RPTFE
BALL	Brass, C37700, Chrome Plated A276-316
SEAT (2)	MPTFE
RETAINER	Brass, B505-C83600 (1/4" to 1") ASTM B154 Bronze, B62-C83600 (1-1/4" - 2") ASTM B154
GLAND NUT	Brass, C36000
STEM	A276-316
LEVER NUT	Steel, Zinc Plated
BODY	Bronze, B62-C83600

DIMENSIONS

PART NUMBER	SIZE (IN.)	DIMENSIONS (IN.)					WT. (LB.)
		A	B	C	D	E	
70B-141-64	1/4"	0.37	1.03	2.06	1.75	3.87	0.60
70B-142-64	3/8"	0.37	1.03	2.06	1.75	3.87	0.56
70B-143-64	1/2"	0.50	1.12	2.25	1.75	3.87	0.63
70B-144-64	3/4"	0.68	1.50	3.00	2.12	4.87	1.39
70B-145-64	1"	0.87	1.68	3.37	2.25	4.87	1.72
70B-146-64	1 1/4"	1.00	2.00	4.00	2.62	5.50	3.26
70B-147-64	1 1/2"	1.25	2.18	4.37	3.06	8.00	4.61
70B-148-64	2"	1.50	2.34	4.68	3.25	8.00	6.06

