

# 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

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

