

## Meca-Inox Three Piece Ball Valves Manual Stainless Steel Extended Stem

Three piece cryogenic ball valves are high performance, quality products for tough applications involving all types of liquid gas. Three piece construction makes it easy to install, versatile in application and simple to maintain.

A unique PTFE material is used that ensures excellent mechanical resistance and stable torques at low temperatures. This low consistent torque reduces the cost of automation as smaller actuators are required to operate the valve.

Vent holes in the ball removes the risk of trapping liquid in the valve body.

An arrow on the body prevents any installation errors.

The internal space in the extension is designed to create a gas buffer between the liquid and the gland packing minimizing maintenance and increasing operating life. The extension is manufactured as a one-piece stem to increase mechanical strength. The large drive surface between the stem and ball ensures a long operating life.



**Three Piece Ball Valve**

Part #	Inlet Connection	Outlet Connection	Body Material
CBV-ME-SS3-12NPT	1/2" F NPT	1/2" F NPT	Stainless Steel
CBV-ME-SS3-34NPT	3/4" F NPT	3/4" F NPT	Stainless Steel
CBV-ME-SS3-1NPT	1" F NPT	1" F NPT	Stainless Steel
CBV-ME-SS3-114NPT	1 1/4" F NPT	1 1/4" F NPT	Stainless Steel
CBV-ME-SS3-112NPT	1 1/2" F NPT	1 1/2" F NPT	Stainless Steel
CBV-ME-SS3-2NPT	2" F NPT	2" F NPT	Stainless Steel
CBV-ME-SS3-212NPT	2 1/2" F NPT	2 1/2" F NPT	Stainless Steel

Non-Extended also available in either a Full Bore or Reducing Bore

Other Connection Options are: Butt Weld, Socket Weld, BSP Thread, Flanges

## Extended Bonnet Cryogenic Ball Valve

These Cryogenic ball valves are high performance, quality products for tough applications involving all types of liquid gas. Three piece construction makes it easy to install, versatile in application and simple to maintain. By removing three of the body bolts and loosening the fourth, the valve may be swung out of line. In welded or soldered piping systems all four body bolts may be removed and the center section lifted out for maintenance or replacement.



**Ball Valve**

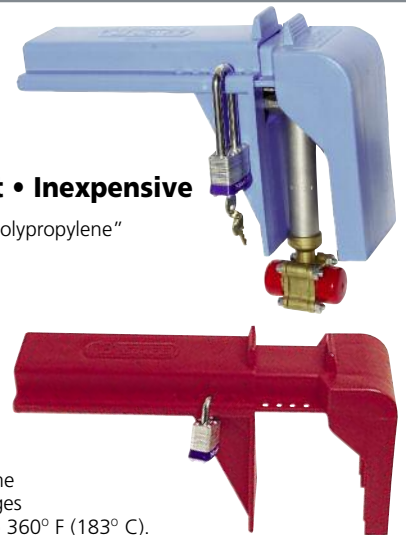
### Cryogenic Ball Valves

Part #	Inlet Connection	Outlet Connection	Body Material
CBV-B14	1/4" Female NPT	1/4" Female NPT	Brass
CBV-B38	3/8" Female NPT	3/8" Female NPT	Brass
CBV-B12	1/2" Female NPT	1/2" Female NPT	Brass
CBV-B34	3/4" Female NPT	3/4" Female NPT	Brass
CBV-B1	1" Female NPT	1" Female NPT	Brass
CBV-B112	1 1/2" Female NPT	1 1/2" Female NPT	Brass
CBV-B2	2" Female NPT	2" Female NPT	Brass
CBV-S14	1/4" Female NPT	1/4" Female NPT	316LSS
CBV-S38	3/8" Female NPT	3/8" Female NPT	316LSS
CBV-S12	1/2" Female NPT	1/2" Female NPT	316LSS
CBV-S34	3/4" Female NPT	3/4" Female NPT	316LSS
CBV-S1	1" Female NPT	1" Female NPT	316LSS
CBV-S112	1 1/2" Female NPT	1 1/2" Female NPT	316LSS
CBV-S2	2" Female NPT	2" Female NPT	316LSS

## Ball Valve Lockouts

**Safe • Efficient • Inexpensive**

- Made of strong "Polypropylene" plastic.
- Fully dielectric.
- Highly resistant to solvents and other chemical products.
- Highly resistant to cracking and abrasion.
- Resistant to extreme temperature changes - 50° F (- 46° C) to 360° F (183° C).



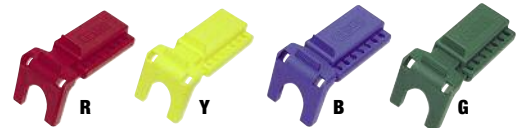
Available in 3 Different Sizes

- Pt # LOBS01\* Valves from 3/8" to 1 1/4" (9.5 mm. to 31.5 mm.)
- Pt # LOBS02 Valves from 1 1/2" to 2 1/2" (37.5 mm to 62.5 mm.)
- Pt # LOBS03 Valves from 2" to 8" (50 mm. to 200 mm.)

\* Only the LO-BS01 can lock in the open position.

Available in 4 Different Colors

RED, YELLOW, BLUE & GREEN (COLORS RECOMMENDED IN ANSI Z353.1)



### TECHNICAL DATA

Models	Width A	Height B	Length of Handle C	Lock Hole D
LOBS01-R LOBS01-Y LOBS01-B LOBS01-G	3.100" 80 mm.	3.250" 82 mm.	5.375" to 7.500" 135 mm. to 190 mm.	0.312" dia. 8 mm.
LOBS02-R LOBS02-Y LOBS02-B LOBS02-G	3.750" 95 mm.	5.000" 125 mm.	7.500" to 10.000" 190 mm. to 250 mm.	0.312" dia. 8 mm.
LOBS03-R LOBS03-Y LOBS03-B LOBS03-G	4.000" 100 mm.	7.450" 186 mm.	12.000" to 17.500" 300 mm to 438 mm	0.312" dia. 8 mm.