# ACECO MODEL “BV1”
# BALL VALVE

Aceco Model “BV1” manifold ball valves
Combine quality materials and workmanship
To provide a safer design with a unique threaded
Seat retainer and stem lubrication fitting.
Together AceCo Model “BV1” ball valves are
“A STEP AHEAD IN MANIFOLD VALVE TECHNOLOGY”.
AceCo offers nominal sizes 1” to 3” in working
Pressures to 15,000 PSI.


## FEATURES

1.Bi-directional flow capability.

2. Stem lubrication fitting and weather seal.

3. End-to-end valve dimensions and bolt patterns are same as similar compact valves.

4. Double stem seal.

5. Metal-to-Metal face seals at body connections with secondary o-ring seals.

6. Compact space saving design provides up to 70% weight reduction and up to 60% size reduction than conventional flanged ball valves.

## BENEFITS

1. The threaded seat retainer enables the valve to be installed in either direction, thus permitting removal of piping from either end at full rated working pressure with valve in closed position. (NOTE: Do not remove any end unless pressure has been relieved from the end being removed).

2. Minimal stem/bonnet corrosion from environmental elements which promotes ease of operation of valves and promotes extended valve life.

3. Allows valve replacements without altering of the flowline spacing and without replacement of end flanges.

4. Secondary stem seal provides a backup in the event the primary seal fails to hold the flow pressure.

5. Assures leak proof end connections.

6. Space savings and cost savings on structural designs for offshore platforms. Cost savings on handling resulting in minimal downtime and maintenance expense.

# ACECO MODEL "BV1"
## BALL VALVE
## (continued)

| FEATURES | BENEFITS |
|---|---|
| 7. End connections are designed to be welded directly into the line with no other fittings required. | 7. Cost savings for companion flanges or fittings while achieving maximum compactness and easy removal of valve with minimal line spread. |
| 8. Blow-out proof stem is designed with a higher shear strength shoulder. | 8. Prevention of stem blow-out which is is critical for personal safety. |
| 9. Removable bonnet and stem without removal of valve from the line. | 9. Lower maintenance costs from down time while replacing the stem seals and bonnet seals. |
| 10. Seats are made of Acetal Copolymer or Peek, a high strength low friction, resilient material. | 10. High strength resilient long life operation with low friction qualities to aid in low turning torque. |
| 11. Available in a selection of port sizes to match the valve port to the pipe ID. | 11. Proper port sizing to match pipe ID which reduces turbulence and minimizes pressure drop through the valve. |
| 12. Body group, end connections and bonnet are constructed of carbon steel or alloy steel. | 12. Maximum durability and long life which eliminates potential casting problems. |
| 13. Optional locking device, position switch, or actuation (pneumatic or hydraulic). | 13. Security or protection options where it may be of concern. |