ACECO MODEL “BV2”
BALL VALVE

AceCo Model “BV2” manifold ball valves combine quality materials and workmanship to provide a unique, safer design with reduced torque, double block and bleed capabilities, safer threaded seat retainer and stem lubrication. Together AceCo Model “BV2” ball valves are “A STEP AHEAD IN MANIFOLD VALVE TECHNOLOGY”. AceCo offers nominal sizes 2” to 12” in working pressures to 15,000 PSI.

FEATURES

1. Trunnion mounted ball design.
2. Double block and bleed capability.
3. Bi-directional flow capability.
4. End-to-End valve dimensions and bolt patterns are same as similar compact valves.
5. Double stem seal.
6. Metal-to-Metal face seals at body connections with secondary o-ring seals.

BENEFITS

1. Upstream seat sealing and reduced torque required to open the valve.
2. An effective seal at both ports when the valve is closed, the bleed valve provided may be opened to the atmosphere to insure seat integrity. (Especially important in manifolds and hydrotesting of manifold systems)
3. 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)
4. Allows valve replacements without altering of the flowline spacing and without replacement of end flanges.
5. Secondary stem seal provides a backup in the event the primary seal fails to hold the flow pressure.
6. Assures leak proof end connections.

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(continued)

FEATURES	BENEFITS
7. Compact space saving design provides up to 70% weight reduction and up to 60% size reduction than conventional flanged ball valves.	7. Space savings and cost savings on structural designs for offshore platforms. Cost savings on handling, resulting in minimal downtime and maintenance expense.
8. End connections are designed to be welded directly into the line with no other fittings required.	8. Cost savings for companion flanges or fittings, while achieving maximum compactness and easy removal of valve with minimal line spread.
9. Blow-out proof stem is designed with a higher shear strength shoulder.	9. Prevention of stem blow-out, which is critical for personal safety.
10. Removable bonnet and stem without removal of valve from the line.	10. Lower maintenance costs from down time while replacing the stem seals and bonnet seals.
11. Stem lubrication fitting and weather seal.	11. Minimal stem/bonnet corrosion from environmental elements which promote ease of operation of valves and promotes extended valve life.
12. Seats are made of Acetal Copolymer or, Peek a high strength, low friction, resilient material.	12. High strength, resilient long life operation with low friction qualities to aid in low turning torque.
13. Available in a selection of port sizes to match the valve port to the pipe ID.	13. Proper port sizing to match pipe ID which reduces turbulence and minimizes pressure drop through the valve.
14. Body group, end connections, and bonnet are constructed of carbon steel or alloy steel.	14. Maximum durability and long life which eliminates potential casting problems.
15. Optional locking device, position switch, or actuation (pneumatic or hydraulic).	15. Security or protection options where it may be of concern.