

Ball Valve supplier UAE

Middleeast Valve is the foremost [Ball valve supplier UAE](#). We supply to cities like Dhadna, Hatta, and Zubara. A ball valve is a type of valve that uses a spherical ball to control the flow of fluid or gas through a pipe or system. The ball has a hole through the center that allows fluid or gas to flow through when the ball is rotated to an open position. When the ball is rotated to a closed position, the hole is perpendicular to the flow, and no fluid or gas can pass through.

Ball valves have a simple working mechanism that uses a hollow, perforated ball to control the flow of fluid or gas through a pipeline. The ball inside the valve has a hole in the center that allows the fluid or gas to flow through the valve when the valve is open. When the valve is closed, the hole in the ball is perpendicular to the flow, and the fluid or gas cannot pass through.

The ball valve consists of several parts, including the valve body, the ball, the stem, the seat, and the handle or actuator. When the handle or actuator is turned, the stem rotates the ball inside the valve body. When the ball is rotated 90 degrees, the hole in the ball aligns with the flow path, and the valve is open. When the ball is rotated 90 degrees in the opposite direction, the hole in the ball is perpendicular to the flow path, and the valve is closed.

The benefits of using ball valves in industrial processes include:

1. **Fast and easy operation:** Ball valves can be quickly and easily opened or closed with a quarter-turn of the handle.
2. **Durable and reliable:** Ball valves are made from durable materials such as stainless steel, brass, and PVC, making them reliable and long-lasting.
3. **Minimal maintenance:** Ball valves require minimal maintenance and are designed to operate for extended periods without failure.
4. **Versatility:** Ball valves can be used with a wide range of fluids and gases, including corrosive and abrasive materials.
5. **Tight shutoff:** Ball valves provide tight shutoff, which is essential in applications where leakages could cause damage or pose a safety hazard.
6. **Reduced pressure drop:** Ball valves have a low-pressure drop, which helps to maintain system efficiency and reduce energy costs.

Middleeast valve is the prime [Ball valve supplier UAE](#). Our valves are manufactured from the highest quality materials. Our ball valves are easy to maintain and very easy to use.

Parts of ball valve:

- Body and cover.
- Ball.
- Stem.
- Handle.
- Seats.
- Body Seals.
- Stem Packing or Seal.

Types of ball valves:

- Double block and bleed ball valve
- Forged steel ball valve
- Floating ball valve
- Fully welded ball valve
- Top entry ball valve
- Trunnion ball valve
- Jacketed ball valve

Industries which use them:

- Oil Industry.
- Natural gas industries.
- Manufacturing sectors.
- Chemical storage.
- Mining Industry.
- Marine Industry.

Description:

Available materials: Cast iron, WCB, WCC, WC6, LCC, LCB, Titanium, SS304, SS316, CF8, CF8M, F55, F51, F53, Monel, Ductile Iron.

PN- PN10 to PN450

Class: 150-2500

Size: 1/2" - 48"

Operations: Lever operated ball valve, electric actuated ball valve, pneumatic actuated ball valve, gear operated ball valve

Ends: Flanged, Butt weld, Socket weld, Threaded

Visit our website: <https://www.middleeastvalve.com/product-category/ball-valve/> for our complete product range.

