

Eccentric Plug Valve Manufacturer in USA

Valvesonly is the leading [Eccentric Plug Valve Manufacturer in USA](#). An eccentric plug valve is a type of flow control valve that uses a cylindrical plug with an offset or "eccentric" design to control the flow of a fluid. The eccentric design of the plug allows for a tight seal when the valve is closed, preventing any fluid from flowing through the valve. When the valve is opened, the plug rotates to align with the flow passage, allowing fluid to flow through the valve. The degree of opening can be adjusted by varying the position of the stem, which controls the position of the plug and the size of the flow passage. Eccentric plug valves have a unique design which makes them suitable in certain applications where tight shut-off is required, they are also used in applications where the flow needs to be shut off quickly and with minimal leakage. They are also used in applications where the flow rate needs to be adjusted with minimal pressure drop.

When the valve is opened, the actuator rotates the stem, which in turn rotates the plug. The plug rotates around the stem, aligning with the flow passage and allowing fluid to flow through the valve. As the plug rotates, the eccentric design causes the plug to move away from the valve seat, creating an opening for the fluid to pass through. The degree of opening can be adjusted by varying the position of the stem, which controls the position of the plug and the size of the flow passage. The flow rate can be adjusted by rotating the plug to different positions, which creates a larger or smaller flow passage for the fluid to pass through.

Valvesonly is the greatest [Eccentric Plug Valve Manufacturer in USA](#) which provides different types of valves such as two-way, three-way, and four-way valves. They are also available in different materials such as cast iron, stainless steel, carbon steel, and alloy steel, depending on the application and the fluid being controlled.

Advantages of Eccentric Plug Valve:

- Tight shut-off
- Easy flow control
- Durable and low maintenance
- Easy to operate
- Minimal pressure drops

Application of Eccentric Plug Valve:

- Water treatment plants
- Power plants
- Chemical processing
- Pulp and paper
- Marine and shipbuilding

Description:

Available materials: Cast Iron, Ductile iron, Cast Steel (WCB, WCC, WC9, WC6), Stainless steel (SS304, SS316, CF8M, SS316L, SS904L), Aluminium Bronze

Class: 150 to 2500

Nominal Pressure: PN10 to PN450

Size: 1/2" to 24"

Ends: Flanged, Butt weld, Socket weld, Threaded

Operations: Manual, Electric Actuated, and Pneumatic Actuated.

<https://valvesonly.com/product-category/eccentric-plug-valve/>

