KENNEDY VALVE
CERTIFICATIONS
ISO 9001
ISO 14001
BS OHSAS 18001

AWWA C517
3"-12" 175 PSI
14"-48" 150 PSI

FLANGED + MECHANICAL JOINT
END CONNECTIONS AVAILABLE

100% PORT ECCENTRIC PLUG VALVES
WWW.KENNEDYVALVE.COM
With a proven design, the Kennedy Valve 100% Port Plug Valve has established itself in the market place as a reliable and engineered product capable of bi-directional flow at fully rated pressures. Over many years, the design has proven dependable in a variety of service applications.

**APPLICATIONS**

Water and Wastewater services
- Pump Isolation
- Open / Close, Throttling, Modulating
- Control Balancing
- Lift Stations
- Heavy Solids
- Slurries / Grit
- Vertical Piping
- Horizontal Piping

<table>
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<th>VALVE SIZE</th>
<th>CV (FULL OPEN)</th>
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**RECTANGULAR PORT DESIGN**

The cylindrical plug and rectangular port provide a rotational alignment by the eccentric motion making a uniform and full contact with the welded in nickel seat. Unlike circular port designs that have a point-to-point seating where engagement and wear can be an issue, the rectangular port makes a uniform and full contact without the need for exact alignment of the plug in the body.

**ACTUATION**

Kennedy Valve has furnished valves with many assorted type of actuators to operate our valves. Our engineers have extensive experience with electric, pneumatic, and hydraulic actuators on our plug valves and regularly work with most major actuator supplies.

Compared with other designs, the Kennedy Clow Valve Full Flow design allows laminar flow in the body, resulting in low lead loss. This allows for passage of larger solids preventing clogging or build up.
FEATURES

100% PORT ECCENTRIC PLUG VALVE

V-TYPE PACKING
Buna-N (NBR) V-type packing is field adjustable and replaceable under pressure.

GRIT SEALS
Buna-N (NBR) Grit Seals on plug journals prevent debris from entering bearing areas.

STEM BEARINGS
Heavy-duty 316 Stainless Steel permanently lubricated bearings on upper and lower plug journals provide ease of operation even after long periods of inactivity.

HARDWARE
All fasteners are 304 Stainless Steel (316 SS available at time of order).

THRUZT BEARING
PTFE thrust bearings on plug journals reduce operating force and wear to the plug and body.

BODY/COVER
Ductile iron for added strength and reduced weight.

COVER SEAL
Body to Cover seal via mechanically retained O-ring

COATING
Internal/external cast surfaces are epoxy coated (FBE or 2-part epoxy).

SEAT
Rectangular Port seat is 95% (minimum) pure nickel, welded and fully machined.

PLUG
Ductile iron and fully encapsulated with Buna-N (NBR) for extended life in demanding applications.

OPEN LIMIT
Adjustable stop

CLOSE LIMIT
Adjustable stop

POSITION INDICATOR
Quarter-turn valves are equipped with a position indicator marked at 10° increments.
When Eccentric Plug Valve is installed in a horizontal line, the preferred installation is with the plug rotating 90° upward to open. Utilizing this orientation can lessen the effect of solids preventing plug operation.

When installed in high pressure systems, it is recommended to have the plug seat on the outlet side of the valve.

Eccentric Plug Valves may be installed vertically; however, whenever possible, horizontal orientation is preferred.

In low pressure/low flow systems with solids present, install valve with flow against plug face.

When installed in a vertical line where solids exist, the seat is ideally positioned up, preventing solid build up in the valve body.
ACCESSORIES & OPTIONS

A full line of accessories and options are available that include extension stems, extended bonnets, floor stands, valve boxes, operating nuts, hand wheels, levers, positioners, fully bi-directional at rated pressure, switches, and solenoid valves as well as speed control valves.

Manual valves available with 2” square operating nut.

Valves commonly supplied with gearing.
Kennedy Valve began operations in 1877 in Lower Manhattan, N.Y. In 1890, the operation was moved to Coxsackie, and then in 1907, Kennedy Valve moved to Elmira, N.Y., where it remains a cornerstone of the community.

In the 135 plus years since its founding, Kennedy Valve has expanded to be a full-line waterworks valve and hydrant manufacturer, supplying resilient seated gate valves, fire hydrants, check valves, butterfly valves, indicator posts, grooved butterfly valves and an assortment of related products and appurtenances.

Kennedy Valve and its employees are dedicated to supplying quality products that meet or exceed current specifications to ensure customer satisfaction. We pride ourselves on being easy to do business with and providing superior customer service backed by knowledgeable and courteous employees.

Kennedy Valve products stand the test of time in reliability. Our goal is to supply the highest quality products with the shortest lead times at a competitive price, while at the same time remaining a good steward of the environment and maintaining a safe workplace for our most valued asset, Kennedy Valve’s employees.