

Increase Availability with Fisher™ V500 and CV500 Control Valves



FISHER™

Dependable control in hard-to-handle fluids.

Erosive applications take a toll on process availability.

Maximizing availability is essential in today's economic environment. Repairing or replacing rotary globe valves repeatedly results in unplanned downtime, reduced reliability, decreased profit, increased maintenance costs, increased safety risks, and poor competitive edge.

Slurry, dirty, erosive, coking, corrosive, viscous, and other hard-to-handle process conditions can lead to constant wearing of eccentric plug valves, which causes a lack of process control, frequent maintenance, unacceptable operating life, and poor shutoff.

Turn to a durable control valve solution designed for dirty, abrasive, and erosive applications.

Fisher V500 and CV500 rotary globe valves deliver long-lasting, consistent performance that enables plants to increase reliability and reduce maintenance costs.

Engineered to combat erosion with streamlined flow passages, rugged components, and a wide choice of erosion-resistant trim materials, these valves offer an extended, dependable service life in erosive applications. Furnace feed design trim materials and body coatings help to withstand oil sands, furnace feed, and other highly erosive applications.

Built for demanding performance, their rugged design features an oversized robust shaft that minimizes deadband and enhances responsiveness. The V500 valve features an eccentric plug; the CV500 valve has an eccentric ball for higher capacity requirements.



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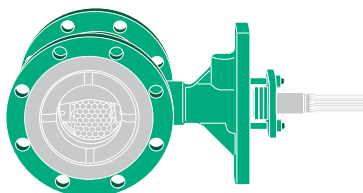
When other valves fail to withstand your demanding erosive applications, turn to V500 and CV500 rotary globe control valves. Emerson delivers comprehensive service from design to maintenance and beyond.



- ✓ REDUCED BORE
- ✓ ALLOY 6
- ✓ SST
- ✓ CERAMIC
- + MORE

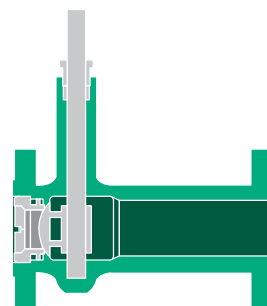
Versatile Trim Options

The V500 offers a wide selection of trim options, including ceramic, for high performance in the most erosive conditions. Reduced bore constructions are also available.



Anti-Cavitation Valve Trim

For severe service liquid applications, the CV500 is available with Fisher Cavitrol™ Hex trim to reduce pipeline vibration using advanced energy absorption.



Rotary and Globe Face-to-Face Dimensions

Easily replace problem valves without changing piping. Available face-to-face dimensions match rotary and globe valves.

Additional Product Benefits

- **Extend Operating Life:** The seat ring self-centers, self-laps, and dynamically aligns with the plug to achieve ANSI Class IV shutoff and provide excellent cycle life. The V500's restricted port options in various valve sizes allow for easy flow adjustments as capacity requirements change.
- **Leverage Reverse Flow Benefits:** For erosive applications, the recommended flow direction for V500 and CV500 valves is past the valve plug and through the seat ring, so that high-velocity flow is isolated in the port or outlet area. Erosion-resistant materials help protect the seat ring and retainer for easier maintenance.
- **Manage Fugitive Emissions:** The Fisher enhanced ENVIRO-SEAL™ packing system provides a superior seal to help keep emissions low.

Learn More

- View product details at Emerson.com/FisherV500
Emerson.com/FisherCV500
- Find an Emerson sales office Emerson.com/ContactUs



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