

The Rotary Feeder Valve, MD



According to ACS Valves, its MD Series rotary feeder valves provide those involved in bulk material handling process engineering, production supervision and equipment maintenance a material metering valve that immediately contributes tangible operating efficiency advantages, and long-term production and maintenance savings. Other features of the MD Series include:

- The ability to reduce compressed air loss by up to 28 CFM/year (a savings of up to \$3,600/year based on an industry annual, average cost of \$1,200 per 10 CFM of compressed air) as a result of an optimized seal.
- An 8-vane rotary valve that ensures pressure sealing at the inlet and outlet flange.
- An outboard bearing design that removes the bearings from the path of damaging and contaminating materials, protects the bearings in high temperature applications to 750°F, while easily managing application pressure differentials up to 15 PSIG.
- Housings, which are CNC-machined to precise tolerances to eliminate axial shaft movement, seal leakage and shortened bearing life, cast to ensure strength in the composition and solidification of the housing's metallurgy.
- Construction from cast iron, or cast 304 or 316 stainless steel.
- 7 valve sizes — from 4 to 16 inches.
- Your selection from closed-end, metering, shallow-pocket, Teflon®-coated or adjustable-tip rotor configurations.

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- Hard chrome, tungsten, and Teflon® interior surface coating options.
- Availability of a variable-frequency drive that modulates drive speed and reduces electricity consumption based on the fluctuating power requirements of the feeder valve system.

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