

S-Pellet Series

Rotary Valve for Metering, Feeding and Airlock Applications



The S-Pellet Series valves, with ACS RotorRail™ quick-clean design, provide tool-less, single-step access to rotor and internal surfaces.

Features & Benefits

- For handling of material such as pellets, beads, and granules that require protection from shearing; side-inlet with adjustable material flow control ensures accurate rotor pocket filling without material shearing.
- Available in 6 heights, from 14" H to 26" H; and 6 flange diameters from 6" to 16".
- Valve housing fabricated of mild steel.
- CNC-machined components and housing provide precision tolerances; eliminates axial shaft movement, extends maintenance cycles.
- Outboard bearing design protects bearings in high-temperature and high-PSIG applications; removes bearings from direct path of damaging contaminants.
- Easily manages pressure differentials up to 15 PSIG.
- Excellent performance in high-temperature applications up to 750°F.
- Cast iron housing.
- 8-vane rotor with beveled tips and sides.

Options

- 304 or 316 cast stainless steel valve housing.
- 6 square-flange sizes from 6" to 15".
- RotorRail™ feature provides tool-less access to rotor and internal surfaces; speeds cleaning and inspection; ensures fast, accurate rotor and endplate re-alignment.
- Interior coatings: hard chrome and tungsten.
- Rotor types: closed-end, shallow-pocket, adjustable-tip, and Teflon®-coated.
- Adjustable rotor tip types: EPDM rubber, polyurethane, hardened steel, stainless steel, and bronze.
- Shaft seal types: ACST-4™ glandless Teflon® shaft seal, and packing gland.
- Valve housing vent ports.
- Shaft seal and rotor pocket air purge.
- 10-vane, 12-vane, and custom rotor designs.
- Custom drive packages.
- Application-specific accessories: blow-through adapter, shear plate deflector, surge hopper, motion speed switch assembly.