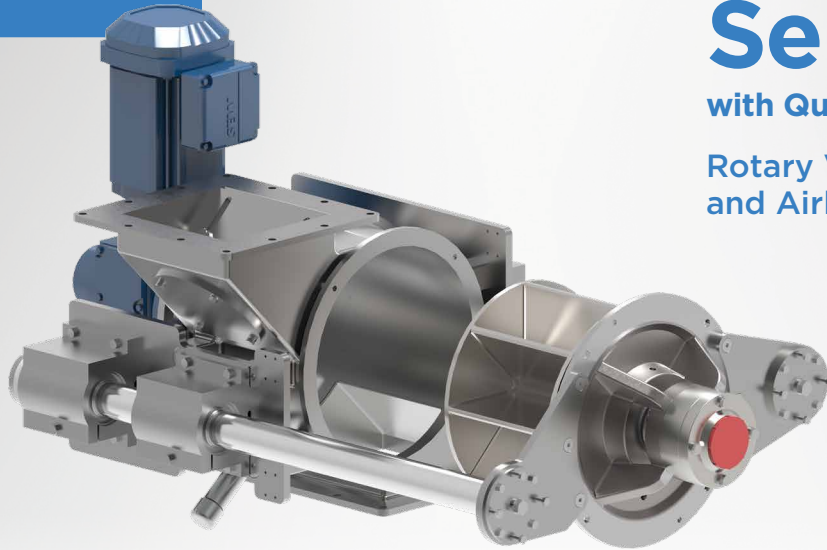


S-Pellet Series

with Quick-Clean RotorRail™

Rotary Valve for Metering, Feeding
and Airlock Applications



SECTOR INDUSTRIES:



Plastics



Pet Food



Construction



Food



Pharmaceutical
and Cosmetics



Chemical

FEATURES

- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> 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. | <ul style="list-style-type: none"> CNC-machined components and housing provide precision tolerances; eliminates axial shaft movement, extends maintenance cycles. |
| <ul style="list-style-type: none"> Tool-less, single-step access to rotor and internal surfaces; simplifying cleaning, validation, and inspection. | <ul style="list-style-type: none"> Outboard bearing design protects bearings in high-temperature and high-PSIG applications; removes bearings from direct path of damaging contaminants. |
| <ul style="list-style-type: none"> RotorRail™ feature maintains rotor and endplate alignment during dis-assembly; ensures fast and accurate rotor and endplate re-alignment during re-assembly. | <ul style="list-style-type: none"> Easily manages pressure differentials up to 15 PSIG. |
| <ul style="list-style-type: none"> Available in 5 heights, from 14"H to 26"H; and 5 flange diameters from 6" to 14". | <ul style="list-style-type: none"> Excellent performance in high-temperature applications up to 750°F. |
| <ul style="list-style-type: none"> Valve housing fabricated of mild steel. | <ul style="list-style-type: none"> Cast iron housing. |
| | <ul style="list-style-type: none"> 8-vane rotor with beveled tips and sides. |

SPECIFICATIONS:

INLET/OUTLET
FLANGE SIZES:

5 sizes from 6" to 14"

MATERIAL OF
CONSTRUCTION:

Cast Iron,
Stainless Steel

PRESSURE
DIFFERENTIAL:

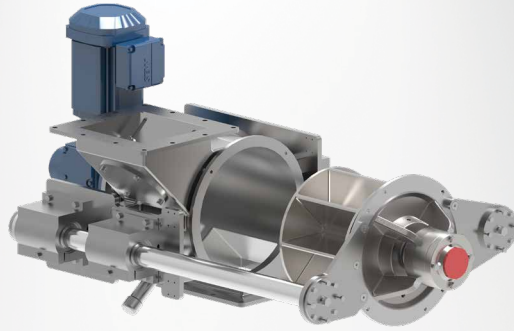
Up to 15 PSIG

HIGH TEMPERATURE
RANGE:

750°F

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with Quick-Clean RotorRail™



ACS VALVES

OPTIONS

- 304 or 316 cast stainless steel valve housing.
- 5 square-flange sizes from 6" to 14".
- Interior coatings: hard chrome and tungsten.
- Rotor types: closed-end, shallow-pocket, adjustable-tip, and Teflon®-coated.
- Adjustable rotor tip types: EPDM rubber, polyurethane, AR400 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.

ROTARY VALVE CAPACITY: FLANGE DESIGN (cubic feet/hour)

VALVE SIZE (INCHES)	6	14	71	114	142	171	199	228	256	284	313
	8	26	132	211	264	317	370	422	475	528	581
	10	54	270	432	540	648	756	864	972	1080	1188
	12	84	420	672	840	1008	1176	1344	1512	1680	1848
	14	114	570	912	1140	1368	1596	1824	2052	2280	2508
	1	5	8	10	12	14	16	18	20	22	
	ROTARY SPEED (RPM)										

Capacities shown are based on 100% pocket-fill efficiency. Pocket-fill efficiencies vary by application. To ensure optimal efficiency, contact ACS Valves.