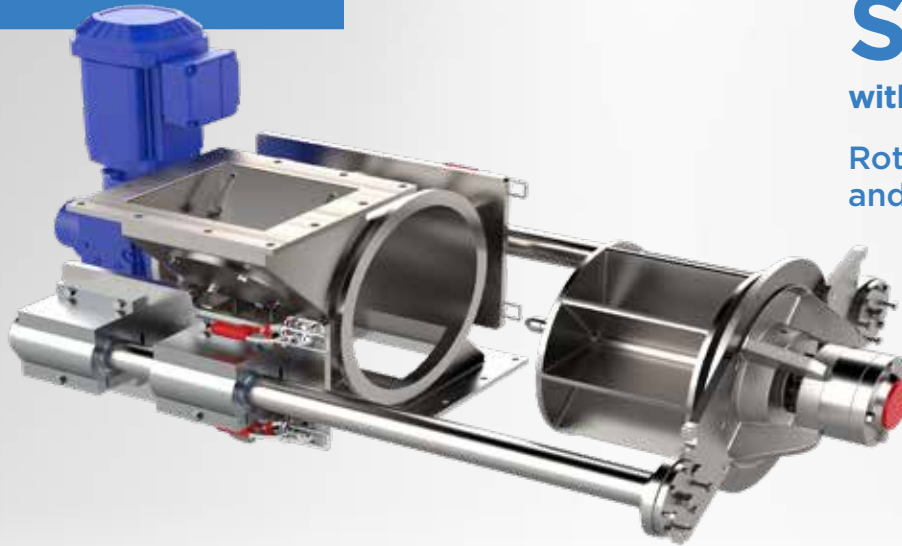


S-Pellet Series

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 22"H; and 5 flange diameters from 6" to 16". | <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 16"

MATERIAL OF
CONSTRUCTION:

Cast Iron,
Stainless Steel

PRESSURE
DIFFERENTIAL:

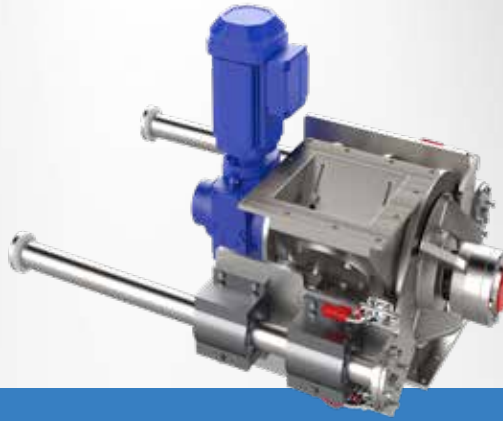
Up to 15 PSIG

HIGH TEMPERATURE
RANGE:

750°F

S-Pellet Series

with Quick-Clean RotorRail™



ACS VALVES

OPTIONS

- | | |
|---|--|
| <ul style="list-style-type: none"> • 304 or 316 cast stainless steel valve housing. | <ul style="list-style-type: none"> • Valve housing vent ports. |
| <ul style="list-style-type: none"> • 5 square-flange sizes from 6" to 15". | <ul style="list-style-type: none"> • Shaft seal and rotor pocket air purge. |
| <ul style="list-style-type: none"> • Interior coatings: hard chrome and tungsten. | <ul style="list-style-type: none"> • 10-vane, 12-vane, and custom rotor designs. |
| <ul style="list-style-type: none"> • Rotor types: closed-end, shallow-pocket, adjustable-tip, and Teflon®-coated. | <ul style="list-style-type: none"> • Custom drive packages. |
| <ul style="list-style-type: none"> • Adjustable rotor tip types: EPDM rubber, polyurethane, hardened steel, stainless steel, and bronze. | <ul style="list-style-type: none"> • Application-specific accessories: blow-through adapter, shear plate deflector, surge hopper, motion speed switch assembly. |
| <ul style="list-style-type: none"> • Shaft seal types: ACST-4™ glandless Teflon® shaft seal, and packing gland. | |

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

VALVE SIZE (INCHES)	6	6	30	48	60	72	84	96	108	120	132
	8	12	60	96	120	144	168	192	216	240	264
	10	24	120	192	240	288	336	384	432	480	528
	12	45	225	360	450	540	630	720	810	900	990
	14	66	330	528	660	792	924	1056	1188	1320	1452
	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.