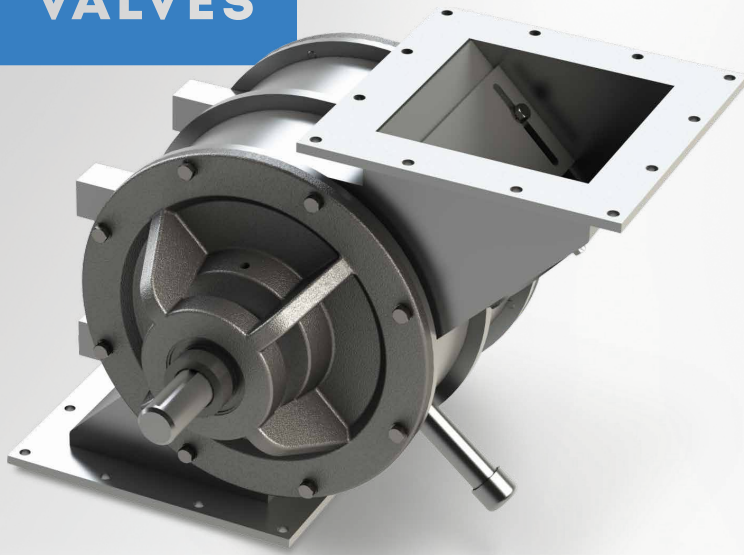


## S-Pellet Series

### Rotary Valve for Metering, Feeding, and Airlock Applications

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.



**SECTOR INDUSTRIES:**



Plastics



Pet Food



Construction



Food



Pharmaceutical  
and Cosmetics



Chemical

### FEATURES

- 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.

**SPECIFICATIONS:**

INLET/OUTLET  
FLANGE SIZES:

6 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



## OPTIONS

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

## ROTARY VALVE CAPACITY (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	144	570	912	1140	1368	1596	1824	2052	2280	2508
	16	186	930	1488	1860	2232	2604	2976	3348	3720	4092
	<b>1</b>	<b>5</b>	<b>8</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>	<b>18</b>	<b>20</b>	<b>22</b>	
	<b>ROTARY SPEED (RPM)</b>										

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