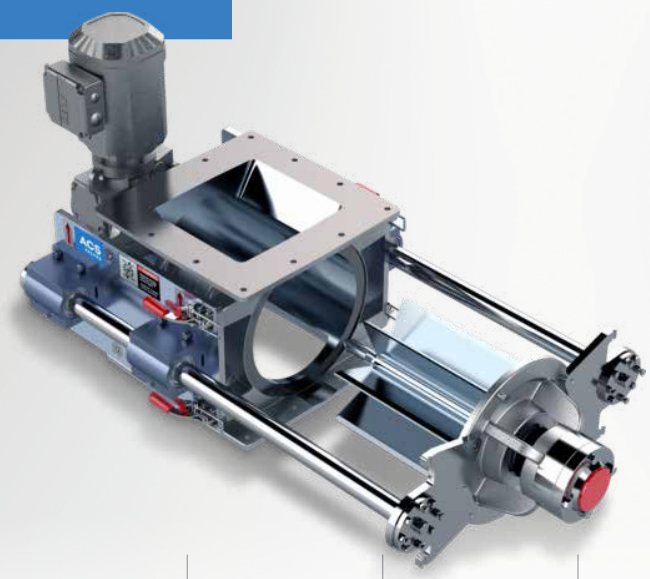
ACS VALVES

Product Specifications

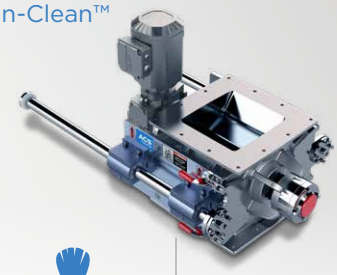
Sanitary CI Series

with Quick-Clean RotorRail™

Rotary Valve for Metering, Feeding & Airlock Applications



The sanitary CI Series valves, with ACS RotorRail™ quick-clean design, also have multiple Run-Clean™ features that reduce material buildup inside the housing during operation.



SECTOR INDUSTRIES: Plastics | Pet Food | Construction | Food | Pharmaceutical and Cosmetics | Chemical

FEATURES

- 304 or 316 stainless steel valve housing, cast in North America, ensures superior housing solidification and metallurgy; eliminates pits and dimples where contaminants could accumulate.
- Product contact surfaces of the housing, and all rotor surfaces, are a No. 4 finish.
- Tool-less, single-step access to rotor and internal surfaces; simplifying cleaning, validation, and inspection.
- Easily manages pressure differentials up to 20 PSIG.
- RotorRail™ feature maintains rotor and endplate alignment during dis-assembly; ensures fast and accurate rotor and endplate re-alignment during re-assembly.
- CNC-machined components and housing provide precision tolerances; eliminates axial shaft movement, extends maintenance cycles.
- Available in 7 heights, from 10″H to 44″H; and 7 square-flange sizes from 6″ to 30″.
- 8-vane rotor with beveled tips and sides.
- Run-Clean™ features include: angled surfaces, rounded edges, and factory-applied internal coatings to reduce material buildup in the housing during operation.
- Outboard bearing design protects bearings in high-temperature and high-PSIG applications; removes bearings from direct path of damaging contaminants.
- Excellent performance in applications up to 500°F.

SPECIFICATIONS:

INLET/OUTLET FLANGE SIZES:	MATERIAL OF CONSTRUCTION:	PRESSURE DIFFERENTIAL:	HIGH TEMPERATURE RANGE:
7 sizes from 6″ to 30″	Stainless Steel	Up to 20 PSIG	500°F

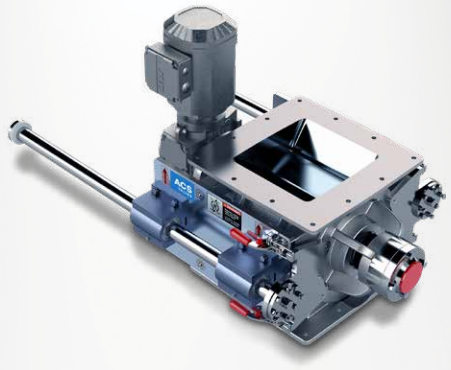
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AV032R0

Product Specifications

Sanitary CI Series

with Quick-Clean RotorRail™



ACS VALVES

OPTIONS

- 304, 304L, 316, 316L, or 2205 cast stainless steel valve housing.
- No. 4 finish on internal product contact surfaces of housing, and all rotor surfaces.
- Interior coatings: hard chrome, tungsten, and Teflon®.
- Rotor types: closed-end, metering, shallow-pocket, adjustable-tip, and Teflon®-coated.
- Adjustable rotor tip types: 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.
- 6-vane or 10-vane.
- Custom drive packages.
- Application-specific accessories: blow-through adapter, shear plate deflector, surge hopper, motion speed switch assembly.

ROTARY VALVE CAPACITY (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
	16	84	420	672	840	1008	1176	1344	1512	1680	1848
	18	162	810	1296	1620	1944	2268	2592	2916	3240	3564
		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.

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