

CDC-CI Series

Rotary Valve for Metering, Feeding, and Airlock Applications



SECTOR INDUSTRIES:



Plastics



Pet Food



Construction



Food



Pharmaceutical and Cosmetics



Chemical

FEATURES

- Available in 3 heights, from 16 1/2" to 25"; and 3 flange diameters from 8" to 12".
- This ACS Valves Pre-fit Performance™ Series valve enables simple and fast drop-in replacement of Carter Day® type CI rotary valves.
- Large housing barrel enables 3-times more material throughput (CFR) than conventional valve housings with same flange opening.
- Valve housing cast in North America; ensures superior strength and solidification of housing's metallurgy.
- CNC-machined components and housing provide precision tolerances; eliminates axial shaft movement, extends maintenance cycles.
- Easily manages pressure differentials up to 15 PSIG.
- Excellent performance in high-temperature applications up to 500°F.
- Cast iron housing.
- 8-vane rotor, complete with beveled tips and sides.
- Unique shaft seal design results in lowered maintenance and downtime costs.
- Round flanges aid material flow, improve cleaning.

SPECIFICATIONS:

INLET/OUTLET FLANGE SIZES:

3 sizes from 8" to 12"

MATERIAL OF CONSTRUCTION:

Cast Iron, Stainless Steel

PRESSURE DIFFERENTIAL:

Up to 15 PSIG

HIGH TEMPERATURE RANGE:

500°F

CDC-CI Series



ACS
VALVES

OPTIONS

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| <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">• Interior coatings: hard chrome, tungsten, and nickel. | <ul style="list-style-type: none">• 6-vane, 10-vane, or 12-vane rotor. |
| <ul style="list-style-type: none">• Rotor types: closed-end, shallow-pocket, adjustable-tip, and Teflon®-coated. | <ul style="list-style-type: none">• Direct-drive and 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. | |