

Sanitary CDC-CI Series

Rotary Valve for Metering/ Feeding and Airlock Applications

The Sanitary CDC-CI series drop-in valve is designed for applications that require very high-volume material throughput. It features an enlarged housing barrel and comes in cast-iron, 304 or 316 stainless steel for increased sanitation.



SECTOR INDUSTRIES:



Plastics



Pet Food



Construction



Food



Pharmaceutical
and Cosmetics



Chemical

FEATURES

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> 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. | <ul style="list-style-type: none"> Product contact surfaces of the housing, and all rotor surfaces, are a No. 4 finish. | <ul style="list-style-type: none"> Easily manages pressure differentials up to 15 PSIG. |
| <ul style="list-style-type: none"> This ACS Valves Pre-fit Performance™ Series valve enables simple and fast drop-in replacement of Carter Day® type CI rotary valves. | <ul style="list-style-type: none"> Available in 3 heights, from 16 1/2" to 25"; and 3 flange diameters from 8" to 12". | <ul style="list-style-type: none"> Excellent performance in high-temperature applications up to 500°F. |
| <ul style="list-style-type: none"> Large housing barrel enables 3-times more material throughput (CFR) than conventional valve housings with same flange opening. | <ul style="list-style-type: none"> Valve housing cast in North America; ensures superior strength and solidification of housing's metallurgy. | <ul style="list-style-type: none"> 8-vane rotor, complete with beveled tips and sides. |
| | <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"> Unique shaft seal design results in lowered maintenance and downtime costs. |
| | | <ul style="list-style-type: none"> Round flanges aid material flow, improve cleaning. |

SPECIFICATIONS:

INLET/OUTLET
FLANGE SIZES:

3 sizes from 8" to 12"

MATERIAL OF
CONSTRUCTION:

Stainless Steel

PRESSURE
DIFFERENTIAL:

Up to 15 PSIG

HIGH TEMPERATURE
RANGE:

500°F

Sanitary CDC-CI Series



ACS
VALVES

OPTIONS

- | | |
|--|--|
| <ul style="list-style-type: none">• Cast iron valve housing. | <ul style="list-style-type: none">• Shaft seal types: ACST-4™ glandless Teflon® shaft seal, and packing gland. |
| <ul style="list-style-type: none">• No. 4 finish on internal product contact surfaces of housing, and all rotor surfaces. | <ul style="list-style-type: none">• Valve housing vent ports. |
| <ul style="list-style-type: none">• Interior coatings: hard chrome, tungsten. | <ul style="list-style-type: none">• 6-vane, 10-vane, or 12-vane rotor. |
| <ul style="list-style-type: none">• Rotor types: closed-end, metering, 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: 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. |