

# 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

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| <ul style="list-style-type: none"> <li>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.</li> </ul> | <ul style="list-style-type: none"> <li>Product contact surfaces of the housing, and all rotor surfaces, are a No. 4 finish.</li> </ul>   | <ul style="list-style-type: none"> <li>Easily manages pressure differentials up to 15 PSIG.</li> </ul>   |
| <ul style="list-style-type: none"> <li>This ACS Valves Pre-fit Performance™ Series valve enables simple and fast drop-in replacement of Carter Day® type CI rotary valves.</li> </ul>   | <ul style="list-style-type: none"> <li>Available in 4 heights, from 12" to 25"; and 4 flange diameters from 6" to 12".</li> </ul>  | <ul style="list-style-type: none"> <li>Excellent performance in high-temperature applications up to 500°F.</li> </ul>  |
| <ul style="list-style-type: none"> <li>Large housing barrel enables 3-times more material throughput (CFR) than conventional valve housings with same flange opening.</li> </ul>  | <ul style="list-style-type: none"> <li>Valve housing cast in North America; ensures superior strength and solidification of housing's metallurgy.</li> <li>CNC-machined components and housing provide precision tolerances; eliminates axial shaft movement, extends maintenance cycles.</li> </ul> | <ul style="list-style-type: none"> <li>8-vane rotor, complete with beveled tips and sides.</li> <li>Unique shaft seal design results in lowered maintenance and downtime costs.</li> <li>Round flanges aid material flow, improve cleaning.</li> </ul> |

**SPECIFICATIONS:**

INLET/OUTLET  
FLANGE SIZES:

4 sizes from 6" to 12"

MATERIAL OF  
CONSTRUCTION:

Stainless Steel

PRESSURE  
DIFFERENTIAL:

Up to 15 PSIG

HIGH TEMPERATURE  
RANGE:

500°F