Hey material, meet our valves.

ACS VALVES PRODUCT INFORMATION SHEET
“The sidewalks you step on, the spices you cook with and the chow you feed your dog. We have our valves conveying so many different products that we’ve made a point of becoming experts on a wide-range of materials. But that’s just the type of company we are: Comprehensive and extremely helpful. This is how we make sure you’re producing high-quality products, every time.”

- Megan Thompson
President ACS Valves

**Sleeve-style Teflon® shaft seal**

**Reduces wear and extends service life.** This sleeve-style shaft seal design reduces rotary valve total cost-in-use by providing immediate maintenance savings and extending valve life. Features include:

- **TRIPLE-BARRIER, FOUR-LOBED SEALS THAT REQUIRE NO ADJUSTING OR MAINTENANCE**
- **0.0000464” SLEEVE-TO-SHAFT TOLERANCE THAT PREVENTS LEAKAGE**
- **SOLID TEFLOMN® SHAFT SLEEVE THAT ELIMINATES GLAND PACKING AND PUSHER PLATE ADJUSTMENTS**
**Sanitary CDC-CI Series**

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.

**Specifications:**
- **Inlet/Outlet Flange Sizes:** 4 sizes from 6” to 12”
- **Material Of Construction:** Stainless Steel
- **Pressure Differential:** Up to 20 PSIG
- **High Temperature Range:** 500°F

**Sanitary MD with Quick-Clean RotorRail™**

The MD Series valves, with ACS RotorRail™ quick-clean design, provide tool-less, single-step access to rotor and internal surfaces.

**Specifications:**
- **Inlet/Outlet Flange Sizes:** 4 sizes from 6” to 18”
- **Material Of Construction:** Stainless Steel
- **Pressure Differential:** Up to 20 PSIG
- **High Temperature Range:** 500°F

**Aero-Flow™ Series**

The Aero-Flow Series valves are built to application-specific requirements, including: custom rotor configurations, factory-applied internal coatings, and sanitary materials of construction.

**Specifications:**
- **Inlet/Outlet Flange Sizes:** 4 sizes from 6 5/8” x 6 3/4” x 25 1/4” x 12”
- **Material Of Construction:** Cast Iron, Stainless Steel
- **Pressure Differential:** Up to 20 PSIG
- **High Temperature Range:** 750°F
CI Series

The CI Series rotary valves are also available in sanitary 304 or 316 cast stainless steel models. Sanitary CI Series models also offer the ACS RotorRail™ quick-clean feature.

BT Series

The BT Series valves ensure optimal bulk density and throughput of hard-to-convey material; a return-side vent vents leaked air, maximizing air flow through the rotor, improving material flow.

MD Series

For long-term savings, this valve is designed to reduce total lifecycle maintenance requirements. CNC-machined to precise tolerances, we’ve eliminated axial shaft movement, seal leakage and shortened bearing life.
Channel Changer Valve

The Channel Changer is a plug type diverter (PTD) valve. It’s designed to re-route dry materials without any product degradation, while increasing process efficiency.

DR-S Series

The DR-S Series valves are built to application-specific requirements, including: custom rotor configurations, factory-applied internal coatings, and sanitary materials of construction.

Wood Chip Feeder Valve

The Wood Chip Feeder Valve is designed for heavy duty forestry applications. It applies positive shearing action to ensure that wood is not getting stuck between the rotor and barrel. Machined with a stainless steel rotor and chrome coatings, this rotary valve is built to last.

Specifications:

**Channel Changer Valve**

- **Inlet/Outlet Flange Sizes:** 4 sizes from 4” to 8”
- **Material of Construction:** Aluminum, Stainless Steel
- **Pressure Surge Rate:** 10 bar g (145 PSI)
- **High Temperature Range:** 215°F

**DR-S Series**

- **Inlet/Outlet Flange Sizes:** 3 sizes from 7.625” to 11.25”
- **Material of Construction:** Cast Iron, Stainless Steel
- **Pressure Differential:** Up to 22 PSIG
- **High Temperature Range:** 750°F

**Wood Chip Feeder Valve**

- **Inlet/Outlet Flange Sizes:** 17 sizes
- **Material of Construction:** Stainless Steel and Chrome
- **Pressure Differential:** 15 PSI
- **High Temperature Range:** 500°F
Hey material, meet our valves. AV039R0