One valve to rule them all

Need more information?

There is an endless combination of options available for our CI Series Valves. As such, it was impossible for us to fit all of them into this brochure. If you’re interested in more information on our built-to-order valves, check them out at the link below.

acsvalves.com
CI SERIES VALVE

Completely. Customizable.

Put your own spin on the completely customizable CI Series valve. With an endless combination of adjustable features, we will work with you to manufacture the best valve for your application, material and industry.

NUMBER OF POCKETS
Our rotors come in various sizes with beveled tips and sides to ensure maximum efficiency in any application.

8-VANE | 10-VANE | 12-VANE

ADJUSTABLE TIPS
For adjustable tip rotors, there is a range of tips from polyurethane to mild steel.

MATERIAL TYPES
Valves of steel (and other materials of your choosing). You wouldn’t convey chemicals with a cast iron valve at the risk of corrosion and ruining literally everything. Here are some practical alternatives:

- stainless steel 304, 304L, 316, 316L
- 2205 stainless steel
- Cast Iron
- Cast Iron
- Stainless Steel

TEMPERATURE
Is it getting hot in here? Our valves have excellent performance in high-temperature applications up to 750 degrees F.

750°F

SIZES
HEIGHT: Available in 10 heights from 10”H to 44”H
FLANGE: Available in 10 square-flange sizes from 6” to 26”

PRESSURE DIFFERENTIAL
Scalability for valves that won’t crack under pressure. Up to 15 PSIG. Super-duty series up to 22 PSIG.

15 → 22 PSIG

ACCESSORIES
THE MISSING PIECES.
- Air purge connections
- Rotor pocket purge connections
- Housing vent port

INTERIOR COATINGS & POLISH
Judging a valve by its cover, because your material deserves the best. Our valves handle abrasive material better than HR, but they also handle lighter material with care. We have a range of coatings and polishes from hard chrome to 180 grit finishes depending on your industry.

SEAL TYPES
So well built, our seals might as well be in the Navy. Choose between our ACST-4™ glandless Teflon® shaft seal or packing gland style seals.

COMPLIANT PARTS
NFPA safety and OSHA compliance is not an opt-in feature. It’s a must have. Some of our safety features include: ACS RotorRail™ Quick-Clean feature, Outboard bearing design, U-shaped rotor pockets, 8-vanes for flame isolation, OSHA drive guard, Discharge flange guard.

INDUSTRIES
Every industry has its own manufacturing priorities, challenges and regulations. We continue to design and add-on features to accommodate these specific manufacturing environments and industry regulations.

ROTOR OPTIONS
Our suite of rotors work with the demands, challenges and regulations involved with a wide range of materials. Choose the rotor that’s right for your valve.

ROTOR TYPES
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HIGH PERFORMANCE
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ACST-4™
Glandless Teflon® shaft seal or packing gland style seals.

Rotors
Closed End Rotor
Helical Rotor
Maternity Rotor
Flex Tip Style Rotor
Adjustable Rotor

VALVES
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