

COMPACT CHECK VALVES

CORTEC is setting industry standards with our field-adaptable valve designs.

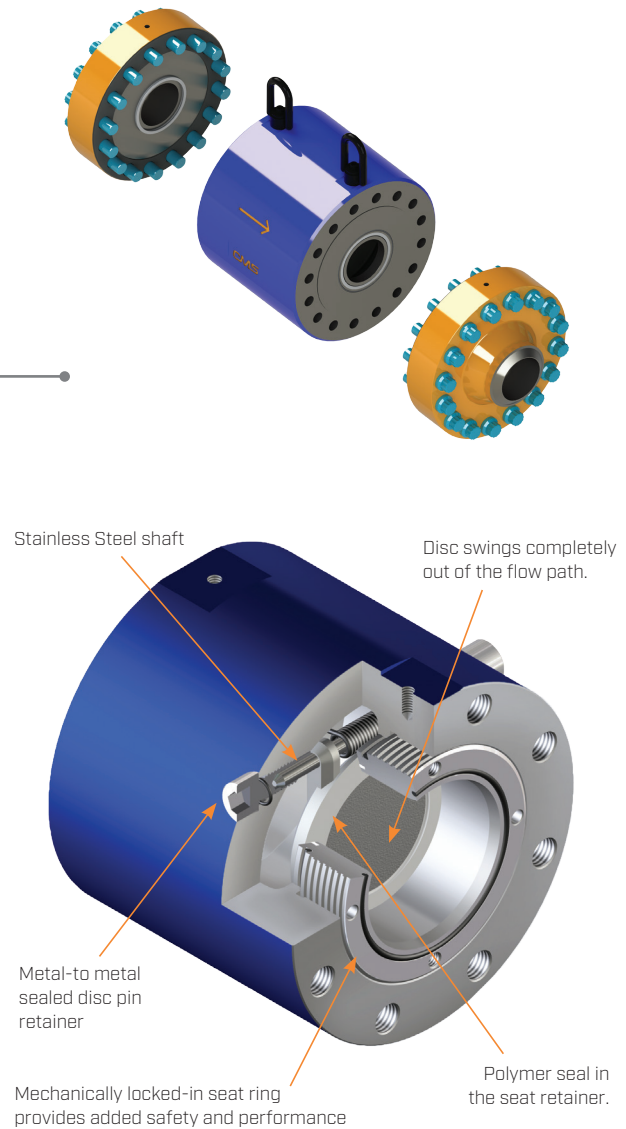
CORTEC manufactures a complete line of compact check valves to complement our compact ball valve product line.

Included in our portfolio of compact check valves are both side entry and top entry models.

Additionally, the CORTEC product line includes both polymer or metal seated options in sizes through 12”.

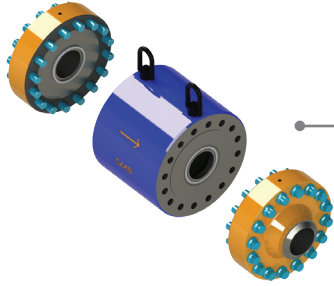
Design Features And Benefits

- Sizes range from 1” through 12”
- ANSI CL1500 to 15,000 psi working pressure
- Top Entry or Side Entry designs
- Bore sized to common piping schedules
- Available in almost any size and type end connection
- Metal-to-metal sealed disc pin retainer
- Metal or Polymer seal in the seat retainer keeps the seal out of the flow stream
- Mechanically locked-in seat ring provides added safety and performance
- Disc swings completely out of the flow path reducing pressure drop and turbulence
- Multiple material springs are available to suit any application
- Provides positive shut-off in low-flow application
- Discs are easy to replace in the field
- Spring-loaded for low-pressure sealing
- High-torsion Inconel springs can be utilized, allowing for installation in both vertical and horizontal positions



Typical “STC” Compact Check Valve

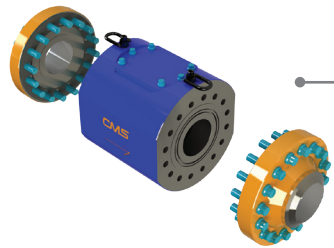
CHECK VALVE PRODUCT LINE



CORTEC "STC" COMPACT CHECK VALVE

Conventional STC Valve

- Up to 12" Bore
- Designs up to 15,000 PSI
- Stainless Steel Shaft
- Disc swings completely out of flow path
- Metal to Metal sealed disc pin retainer
- Mechanically locked-in seat ring provides added safety and performance
- Polymer and Metal Seated Options

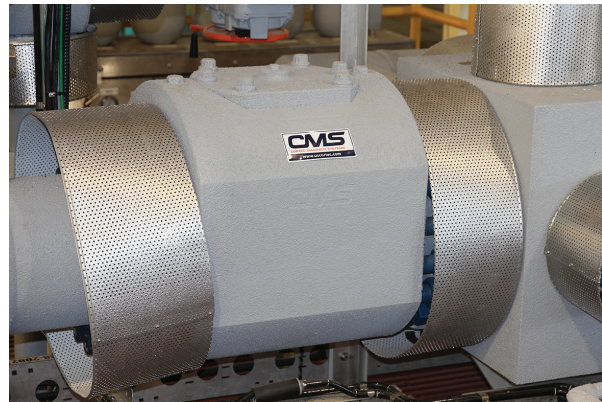
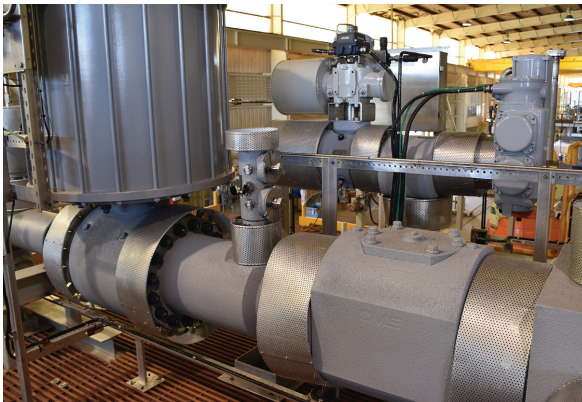


CORTEC COMPACT CHECK VALVE

Top Entry

The compact metal seated Top Entry Check Valve was designed and built by CORTEC in response to customer requirements for a metal seated check valve in a Boarding Shutdown Valve application. The CORTEC Top Entry Check Valve meets the requirements of zero leakage, 30 minute fire rated and top entry repairable in a 15,000 PSI working pressure application.

With an all metal seat option, this valve is ideal for long service life in the most critical applications while at the same time offering in-line serviceability because of its top entry configuration.



In addition to the extensive Compact Check Valve line, CORTEC offers comprehensive turnkey solutions for manifold systems with our full line of Compact Ball Valves.



No other valve manufacturer strives to exceed their customers' needs and expectations more than CORTEC.

Compact Check Valve Sales • 225-421-3300