

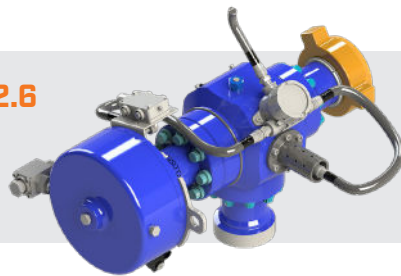
# CHOKERELIEF VALVES

**CORTEC is setting industry standards with our high-performance choke relief valve designs.** CORTEC Choke Relief Valves provide users with the safety, dependability, and quick response function necessary to meet the demands of today's high pressure operations. Our robust designs are manufactured with superior performance and field serviceability in mind. Whether you are configuring a deep water MPD system, protecting mud pumps, or relieving frac systems, CORTEC's CX-RV models are designed and proven to provide the highest level of reliability in the industry. Hydraulic and pneumatic control packages are configurable to suit customer and project specifications. Available with a range of options for orifice sizes, end connections, and control methods, CORTEC is sure to have a CX-RV model to suit your application needs.

## CX-RV PRODUCT LINE

### CORTEC MODEL CX-RV 2.6

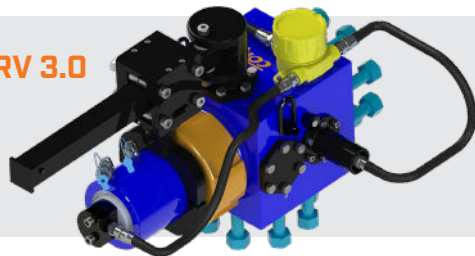
2.6" Maximum Orifice  
Up to 10,000 PSI



The CX-RV 2.6 is available as a pneumatic or hydraulic model. This design is the most economical of our line and provides an ideal solution for mud pump protection.

### CORTEC MODEL CX-RV 3.0

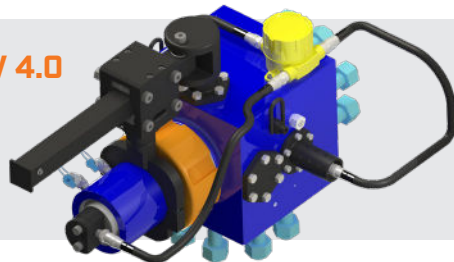
3" Maximum Orifice  
Up to 15,000 PSI



The CX-RV 3.0 features a studded block body and is available with a range of hydraulic panel options. This design offers additional relief capacity over the CX-RV 2.6 and a robust design for harsh service conditions. Optional gantry system and service tools for field friendly maintenance.

### CORTEC MODEL CX-RV 4.0

4" Maximum Orifice  
Up to 5,000 PSI



The CX-RV 4.0 features a studded block body, is available as an hydraulic model, and comes with a larger orifice for extreme high flow rate applications such as offshore managed pressure drilling systems. Optional gantry system and service tools for field friendly maintenance.



**CORTEC**

**AMERICAN MADE. SUPERIOR GRADE.**

[uscortec.com](http://uscortec.com)

*CORTEC proudly operates two US based manufacturing facilities in Louisiana.*

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# CHOKE RELIEF VALVES

## INDUSTRY STANDARDS

- API 6A PSL 3 (standard)
- NACE MR0175
- API 16C (available upon request for CX-RV 3.0 & 4.0)

## ACTUATOR CONFIGURATION

- Pneumatic (CX-RV 2.6)
- Hydraulic (CX-RV 2.6, 3.0 & 4.0)
- Consult factory for electric control options.

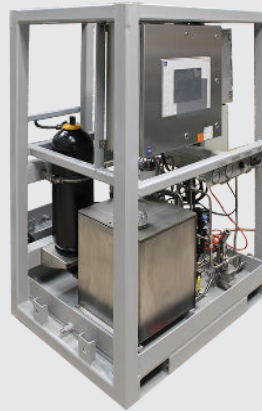
## DESIGN FEATURES

- Single-Sided Tungsten Carbide Gate and Dual-Sided Reversible Seat Trim
- Pressure Transducer and Inductive Proximity Sensors relay operating pressure and valve trip positions to PLC
- Optional Inconel 625 overlaid seal areas upon request

## INSTALLATION

- Optional Gantry system available for ease of field maintenance (CX-RV 3.0 & 4.0)
- Full suite of service tools available for field friendly service and maintenance of common wear components.

## CONTROL PANEL & REMOVAL TOOLS



Hydraulic Control Panel

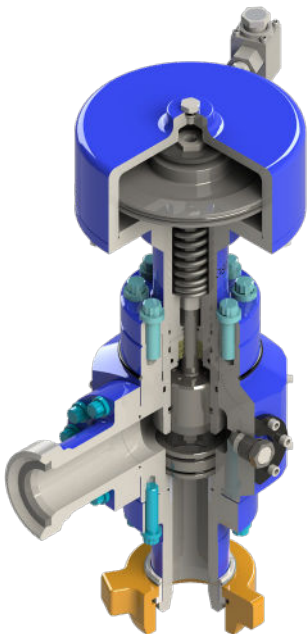
CORTEC offers a range of panel options and service tools to complement our CX-RV line. These comprehensive solutions can be tailored to suit your unique project needs and industry specification requirements.



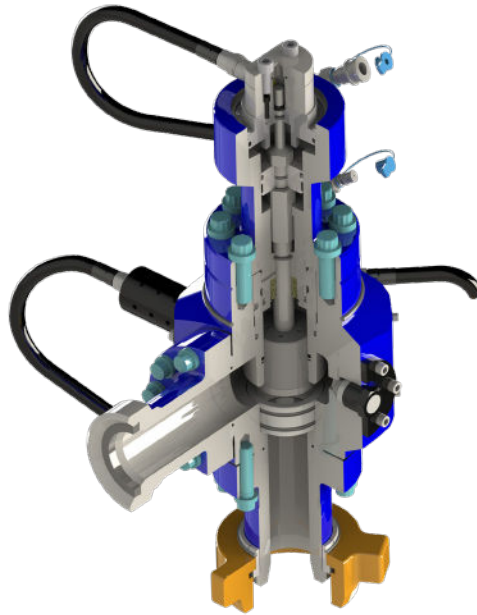
Gate Wrench Tool



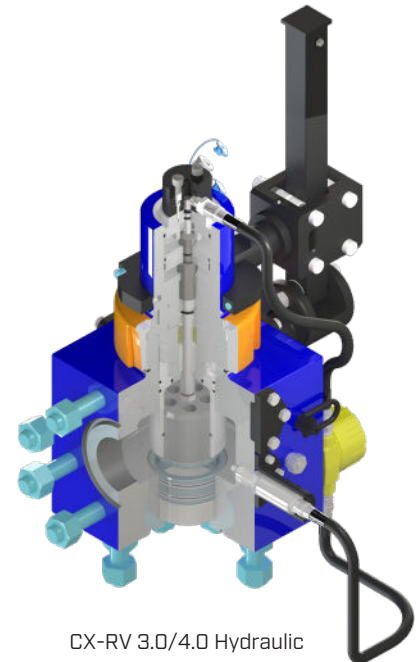
Seat Removal Tool



CX-RV 2.6 Pneumatic



CX-RV 2.6 Hydraulic



CX-RV 3.0/4.0 Hydraulic

Contact our expert Sales Team today for more info at 985-223-1966 or [sales@uscortec.com](mailto:sales@uscortec.com)

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



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