

WELL CONTROL/EXTREME SERVICE CHOKES

CORTEC is setting industry standards with field-adaptable choke designs. CORTEC Well Control/Extreme Service Chokes are engineered and manufactured to offer the oilfield operator increased service life and cost savings in high-pressure applications where substantial amounts of solids and abrasives are present. CORTEC manufactures a complete line of extreme service chokes that are designed to maximize performance within abrasive applications like well control, drilling, frac flowback, coil tubing, and snubbing. In addition to the rugged design of the choke internals, CORTEC recognizes the need for field-friendly maintenance and serviceability by offering optional gantry and tooling packages to round out a complete operating system.

CHOKES PRODUCT LINE

CORTEC MODEL CX-2.0

2" Maximum Orifice
Up to 20,000 PSI



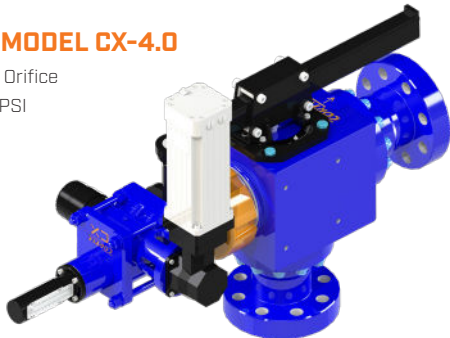
CORTEC MODEL CX-3.0

3" Maximum Orifice
Up to 15,000 PSI



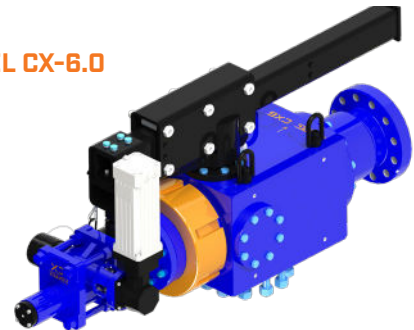
CORTEC MODEL CX-4.0

Maximum 4" Orifice
Up to 5,000 PSI



CORTEC MODEL CX-6.0

Maximum 6" Orifice
Up to 5,000 PSI



The CX family can be configured in either hydraulic double-acting piston or worm gear (electric or hydraulic) operators. The block body design allows for full versatility from studed, flanged, threaded, and hub connectors that can meet a full spectrum of industry and customer dictated dimensional requirements. Most models can be offered with optional trim orifice reduction kits, greatly expanding the optimal flow rate capacity range of an individual choke asset.

The **CORTEC MODEL CX** extreme service chokes are the most adaptable in the industry, manufactured to suit any drilling or well control service operation, while, meeting or exceeding industry requirements. Our team has the engineering expertise and experience to help you select the appropriate model for your operational needs. CORTEC's industry leading commitment to inventory stocking and customer service, ensures you the highest efficiency in cost-of-ownership and the confidence of minimizing down time.



CORTEC

AMERICAN MADE. SUPERIOR GRADE.

uscortec.com

CORTEC proudly operates two US based manufacturing facilities in Louisiana.

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OVERVIEW

Industry Standards

- API-6A, PSL-3, PR-2, TC-PU, MC-EE
- NACE MR0175/TM0187 (Latest Edition)
- Saudi Aramco approved for use in KSA
- API-16C (Latest Edition) *(available upon request)*
- ABS-CDS, DNV-OS-E101 *(available upon request)*

Operator Configuration

- Hydraulic and Electric control options available

End Connections

- API-6A flanged standard
- Available to suit most common industry connections, i.e. flanged, union, or hub

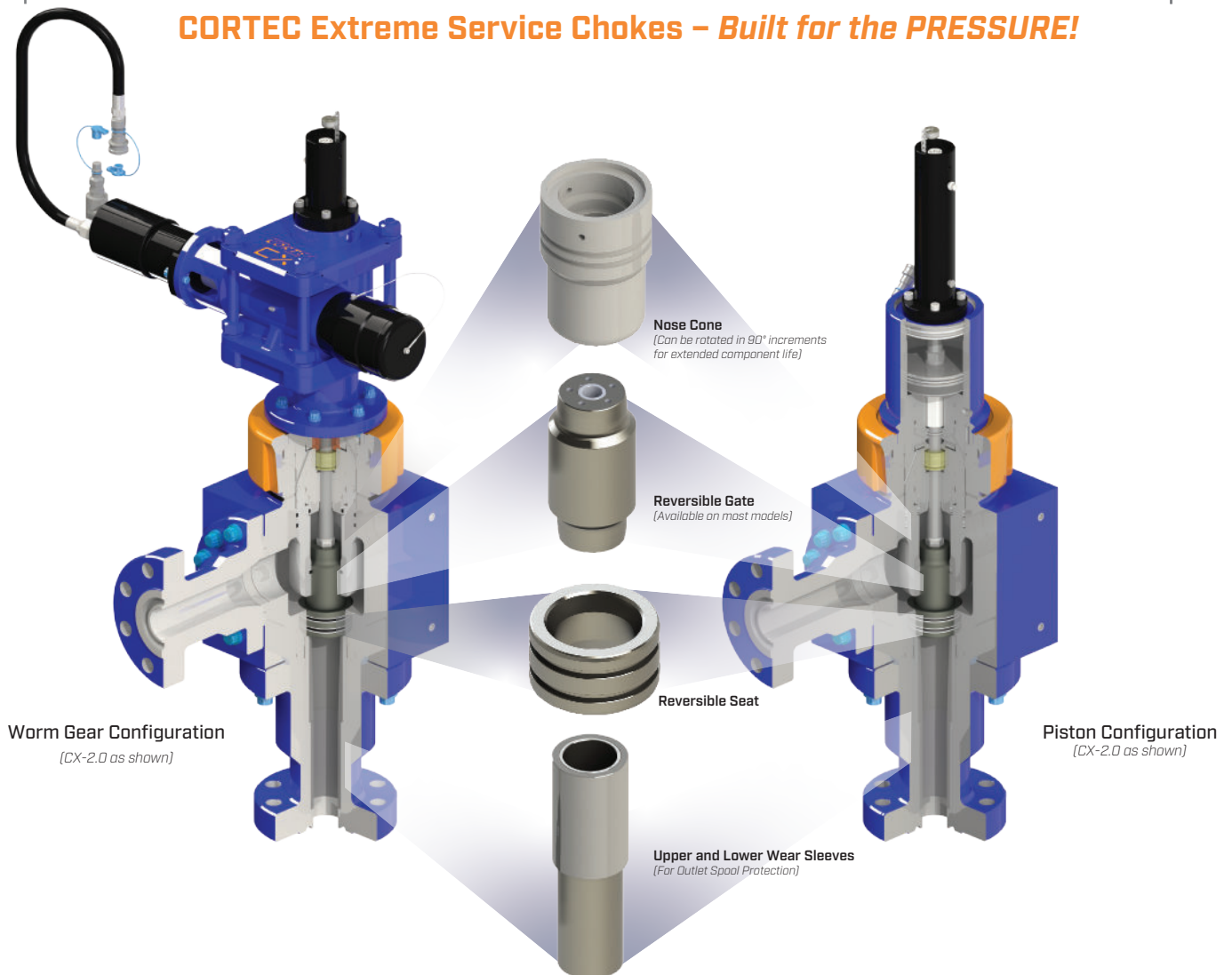
Installation

- Optional Gantry for enhanced safety and reduced downtime during maintenance operations
- Full suite of service tools available

Design Features

- Tungsten Carbide Gate and Seat
- Tungsten Carbide Wear Sleeves installed in outlet spool and erosion protective finish nose cone for extended wear protection and service life
- Bolt-On Inlet and Outlet Spools *(Can be manufactured to suit customer required dimensions and connection type)*
- Inconel 625 overlaid inlet/outlet RTJ seal grooves
- Wear resistant nose cone for extended wear protection
- Manual override capable in event of power loss *(worm gear models only)*
- Potentiometer for remote position feedback monitoring

CORTEC Extreme Service Chokes – Built for the PRESSURE!



Contact our expert **Sales Team** today for more info at **985-223-1966** or **sales@uscortec.com**

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



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