



The Premium Kick-Boss well control choke utilizes the same revolutionary technology found in our Tru-Flow™ MPD chokes. The Sur-Tork high torque servo motor offers precision control using the world's first seamlessly integrated compact actuation solution, eliminating the need for Variable Frequency Drives (VFDs), excessive cables, and junction boxes. The simplified installation enhances system reliability and reduces overall footprint.

With a 3" full choke orifice (2" optional) and 15,000 psi working pressure, the Kick-Boss is designed specifically for precise pressure control functions. The linear drive features a precision-engineered mechanism designed for high-load capability, exceptional efficiency, and near-zero backlash. Its advanced design ensures smooth, reliable motion with minimal wear, making it ideal for demanding applications requiring precise control and durability.

FEATURES AND BENEFITS

- ◆ Proprietary 3" orifice linear choke trim design (2" optional)
- ◆ 15,000 psi full working pressure
- ◆ Manual handwheel operation or battery back-up for operation during power outages
- ◆ Gantry system for safe servicing of choke
- ◆ EX rated – Class I, Div1
- ◆ Software dashboard with user-friendly interface
- ◆ Cloud connection allows for remote notifications and data monitoring (including annular back-pressure) when a well control event occurs.
- ◆ Operates up to 2 MPD chokes and 2 well control chokes all from 1 touchscreen control panel.

TFC-3400 Well Control Choke Specifications

Inlet	3-1/16" 15K standard*
Pressure Rating	15000 psi
Outlet	3-1/16" 15K
Trim Size	3.00" Maximum
Travel	2.50" Maximum
Debris Passage	1.50" Maximum
Temp Range	-40 – 250°F
Actuator	Electric – Class 1 Div 1 Fully Integrated Servo Motor, Drive, Encoder, Torque Sensor, Pressure Transmitter, 10 Arc Sec Resolution. 90-240V AC Single Phase 10A, Ethernet Connectivity
Actuator Speed	Open – Close = 12 Sec (120V)

*Other sizes available

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SUR-LOCK

CALIBER

TRU-FLOW

PATRIOT™



LOGAN
Power Swivel