



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 proprietary liner choke trim is driven by Premium's exclusive worm gear over roller screw system providing high force output with unmatched precision and control, ensuring smooth and accurate adjustments to wellbore pressure.

FEATURES AND BENEFITS

- ◆ Proprietary 3" orifice linear choke trim design (2" optional)
- ◆ 15,000 psi full working pressure
- ◆ Integrated ball screw operator
- ◆ Gantry system for safe servicing of choke
- ◆ Angular control resolution of 10 arc seconds
- ◆ EX rated – Class I, Div1
- ◆ Software dashboard with user-friendly interface
- ◆ Cloud connectivity for remote monitoring and data collection
- ◆ Software capable of operating multiple chokes

TFC-3400 Well Control Choke Specifications

Inlet	3-1/16" 15K
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 –140°F
Actuator	Electric –Class 1 Div1 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)

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TRU·FLOW

PATRIOT™



LOGAN
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