

DUAL CHOKE CONTROL



EFC HAS A PROVEN TRACK RECORD, DEMONSTRATING RELIABLE DESIGN AND HIGH QUALITY MANUFACTURE FOR ITS CHOKE CONTROL SYSTEMS

EFC Group has been providing well control systems to the global oil and gas industry for over 25 years. This has developed a strong and unique application knowledge that delivers benefits to your 10K or 15K psi operations. Through valuable monitoring and Well Control Systems that assist decision making during critical well control incidents, helping to enhance the safety of your drilling operations.

EFC Group's range of Choke Controls provide control of remotely hydraulic activated drilling chokes and a range of instrumentation critical to HPHT and well control operations.

Systems are configured to provide compatibility with any hydraulic actuated drilling choke. Once swept volumes and operating pressures are provided EFC will conduct necessary design calculations to provide HPU that will comply with API closing speeds. Care should be taken with ID and length of installation pipework to ensure closing time is maintained.

Ergonomic design is considered to ensure an optimal fit within drill cabin or rig floor. Separate HPU's from Operator panel is regularly supplied to facilitate this.



STANDARD DUAL CHOKE CONTROL

Our Units are generally made using Stainless 316. However Mild steel is available with the appropriate marine spec paint. Speeds of the choke can be adjusted easily for finer Control.



EFC hold an API Manufacturing Monogram license for API 16C Spec

STANDARD DUAL CHOKE CONTROL	TECHNICAL SPECIFICATION
Overall Size	1100L x 600W x 1205H
Overall Weight	Typical 250Kg
Zone Rating	Zone 1, Zone 2 or Safe Area
Maximum Working Pressure	3000 PSI
Temperature Rating	-20°C to 50°C
IP Rating	IP 68,67
Documentation Included	Manufactures Data Book (MDB), User Manual (UM) Technical & Certification Manual (T&CM)
Certification	Atex, NORSOK, IECex, Certificate API 16C-0196 Hazardous Area Group II 26 T4

NB: Technical data may be subject to change

FEATURES	BENEFITS
Stainless Steel Construction and Pipework	Corrosion resistant for reliable operation in the harshest environment
Accumulator and Hand Pump	Redundant configuration for emergency back-up operation
Fast / Slow Control Speed Potentiometer	API closing speed is complied with along with giving adjustment for finer operational control
Choke Position Sensor	EFC can supply 3-15psi or 4-20mA sensors or can work with third party supply

EXPANDABILITY:

- HPHT Monitoring System
- Temperature Monitoring
- Liquid Seal Monitor
- Hang-on-the-wall” Control Panel with a separate Hydraulic Power Unit (HPU) for installation outside the drill cabin
- Dedicated Well Control Panel for mounting alongside a standard integrated Choke Control system.
- Finescale Gauges
- Overboard Valve Control
- Linear displacement Sensors for Choke Position
- MIM Panels



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