

Pressure Control Equipment Blow Out Preventer System



Description

The FH18-35 Shaeffer Annular Blow Out Preventer is a commonly used on- and offshore unit rated to 5,000 psi working pressure. The 7-1/16" 5M connection flange is an industry standard connection size and an option DSA can adapt it to a 7-1/16" 3M flange.

The BOP is of compact design to suit drill pipe, drill collars, heavy weights, completion tubing, flow control equipment, casing and wireline. The spherical sealing elements can also provide a positive pressure seal for snubbing drill pipe from a well.

The FH18-35 is a rugged and reliable BOP, designed for easy operation and service.

The Accumulator is a critical safety device in drilling and workover operations to ensure the functioning of the BOP in the event of well control requirements and under circumstances where all other power sources have been shut down.

The Accumulator unit is powered by an EX electrical motor and consists of hydraulic and air reservoirs. The unit can be operated via a remote-control panel at the driller's station or directly at the unit as a backup.



Applications

- > Drilling operations
- > Workover operations

Features

- > Low profile design
- > High pressure application
- > Stand-alone control panel

Specifications		METRIC	IMPERIAL
General	Pressure	34,500 kPa	5,000 psi
	Temperature Min	-29 °C	-6 °F
	Temperature Max	121 °C	250 °F
	Type	Shaeffer FH18-35	
	Bore Size	179.4 mm	7-1/8"
	BOP Dimensions	0.75 x 0.75 x 0.85 m	2.5 x 2.5 x 2.8 ft
	Accumulator Dimensions	5.70 x 2.10 x 2.10 m	18.7 x 6.9 x 6.9 ft
	Application	Standard Service	
Operations	Operating Pressure	13,800 kPa	2,000 psi
	Open Volume	15 L	4 gal
	Close Volume	21 L	5.5 gal
	BOP Weight	1,435 kg	3,165 lb
	Accumulator Weight	10,000 kg	20,000 lb
Certification	API	16A	