SK-EP Brushless Motor Pulse Generator



The SK-EP pulse generator is a bottom set type DC brushless motor pulser compatible with Tensor standards. It uses a motor to drive the ball screw to drive the actuated valve, generating mud pressure pulses. The pressure balance adopts a piston type. The intelligent control driving circuit adopts energy-saving design and intelligent scale, and its excellent resistance to high temperature, high voltage, and high vibration performance makes it suitable for t' reme working environment.

Product F ur

- Brush' DC r or drive, low power consumption, and fast sending speed.
- Ad ng QP/ K packaging for dual vibration reduction.
- e pulling force of the actuated valve can reach 18KG, suitable for middle LCM.

Piston compensation type, can adapt to even more harsh underground environments.

175	20000Psi	18KG
Temperature	Pressure	Small valve pull large

Technical Specification		
Environments	Survival temperature	185°C
	Operation temperature	175°C
	Pressure	20000 psi
	Vibration	20g
	Shock	1000g @0.5ms halfsin
Power	Voltage	20~36VDC
	Current	＜40mA
	Consumption	1W
	Actuate force	≈40 lbs
Mechanical dimensions	Diameter	47.6mm
	Length	1821mm
	Connector	6P/4S kintec

Definition of connectors	
1	DNG
2	NC
3	NC
4	BATTBUS
5	QBUS
6	PULSE
7	FLOW
8	NC
9	NC
10	NC