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 extreme working environment.

Product F ures

- Brush DC motor drive, low power consumption, and fast sending speed.
- Ad ng QPACK 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