

SK-RP Compensated Servo Pulser

SK-RP features a rotary shear servo valve that provides exceptional performance in high solids and high Lcm environments. It minimizes the pressure loss through the servo module, thus allowing greater forces to be /en e 8 ed to c

Product Characteristics

- Interface compatibility Tensor System
- High integration of pulse generator, short in length
- Drive and transmission adopt magnetic coupling separation, high-reliability
- Brushless DC motor, energy efficient
- Rotary shear valve, Difficult to sand jamming

175 /200
Max.Temperature

20000Psi
Max.Pressure

Energy efficient、
Difficult to sand
jamming
Rotary shear valve

Product parameter	
Operating Voltage Range	15-40VDC (20-35V recommended)
Power Consumption	~5mA standby, ~125mA*s/pulse @ 28V (~3.5 joules/pulse)
Data rate	0.5-2 bps
LCM	Medium granularity
Vibration Rating	5-30Hz@1in double amplitude, 30-500Hz 20grms all axes
Shock Rating	11000g, 0.5ms, ½ sine, 10 times, all three axes
Mechanical Specification	φ47.6mm × 1192mm

Temperature rating	Type	Max.Temperature-Operating (°)	Max.Temperature-Survival (°)	Max.Pressure PSI
High temperature	Bottom mounted Brushless DC motor Rotary shear valve	175	185	20000
Superhigh temperature		200	210	20000