

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 imparted to the main valve asse× with ttP /ce s /o

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

Max.Temperature

Max.Pressure

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