

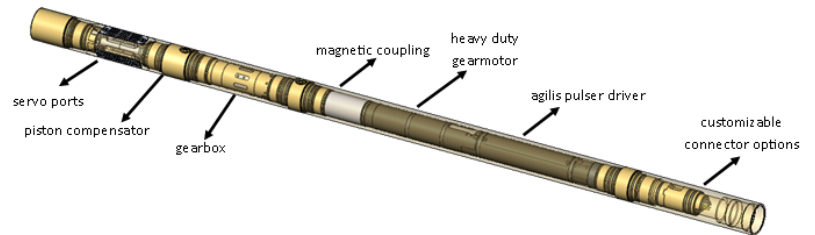
Slick-HD™

Heavy Duty Servo Pulsar with Patented Rotary Shear Valve

Slick-HD is Rime's second-generation servo pulsar building on its proven success in deep, hot and hostile environments and maintains the best combination of low operating cost, high reliability and exceptional functionality.

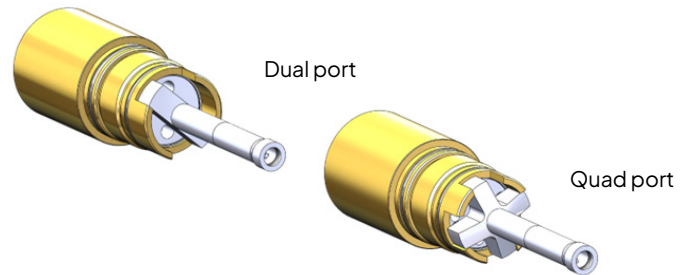
Features:

- Patented rotary shear servo valve
- Separation of the hydrostatically compensated section from the pulsar driver module
- High torque magnetic coupling assembly
- Dual or quad port configurations
- Multiple connector and interface options depending on needs
- Compatible with Rime's Pulsar Interface Box providing extensive memory logging, performance tracking, analysis and reporting capabilities



Benefits:

- Exceptional performance and unobstructed flow through the system in the most challenging, highly contaminated environments
- Reduced failures of the motor and driver module caused by corrosion, fluid or gas invasion and erosion
- Reduced frictional losses in the drive train
- Minimized pressure loss, allowing greater forces to the main valve assembly



Specifications

Nominal length	46.9" (1191.26mm) with kintec connector
Housing o.d.	1.875" (47.6 mm)
Operating voltage range	15-40VDC (20-35V recommended)
Power consumption	~3mA standby, ~125mA*s/pulse @ 28V (~3.5 joules/pulse)
Operating temperature	32° to 347°F (0° to 175°C)
Shock rating	1000g, 0.5ms, ½ sine, 10 times, all three axes
Vibration rating	5-30Hz@1in double amplitude, 30-500Hz 20grms all axes
Pressure rating	20,000 psi (137,895kPa)
Operating pulse widths	0.375-2.000 s with dual port option 0.188-2.000 s with quad port option
Flow switch	Integrated three axis, solid state with high configurability
Memory	8MB non volatile memory with event and statistical data logging