

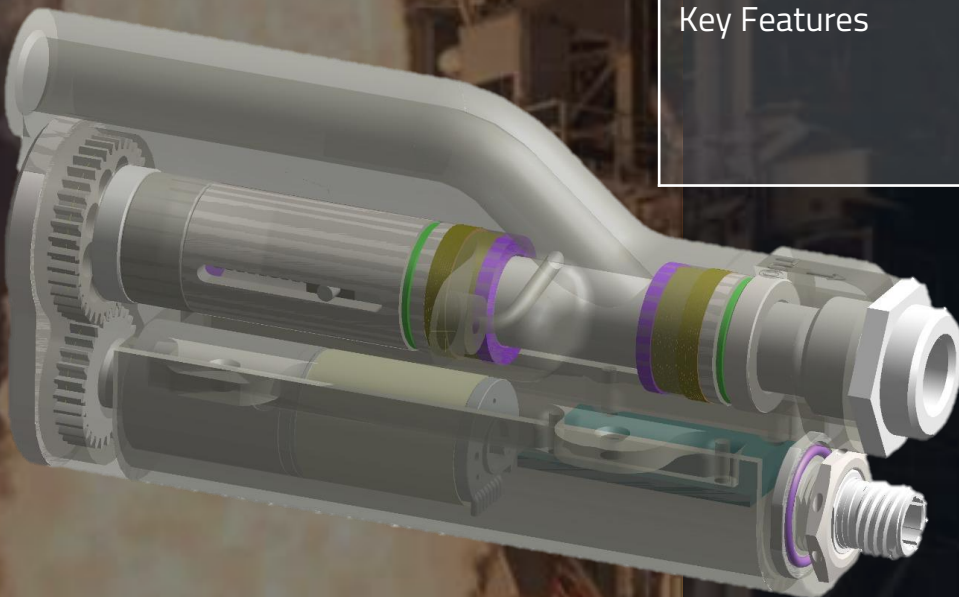
SHERWIN VALVE

High Pressure, Non-Leak Servo Valve



- ✓ Resistance to FOD
- ✓ Tolerance to rapid temperature changes
- ✓ Cryogenic performance
- ✓ Resistance to launch loads
- ✓ Increased lifetime
- ✓ Multi-layer redundancy
- ✓ Precision flow control and feedback

Leak Rate	$< 10^{-8}$ atm cm ³ /s
MEOP	>10,000 psi
Operating Temperature	-425 F to 250 F
Open/Close Speed	<12 ms
Working Fluids	Agnostic (Inert Gasses, Hydrazine, LOX, RP-1)
Material	Agnostic (SS, Ti Variants)
Inlet/Outlet Diameter	Min ¼"
Type	2-Way, Bi-Directional
Key Features	Ultra-high precision control Self-Locking mechanism holds position w/out power Programmable fail-safe positioning Patented metallic seal



www.SpacePrecisionSystems.com