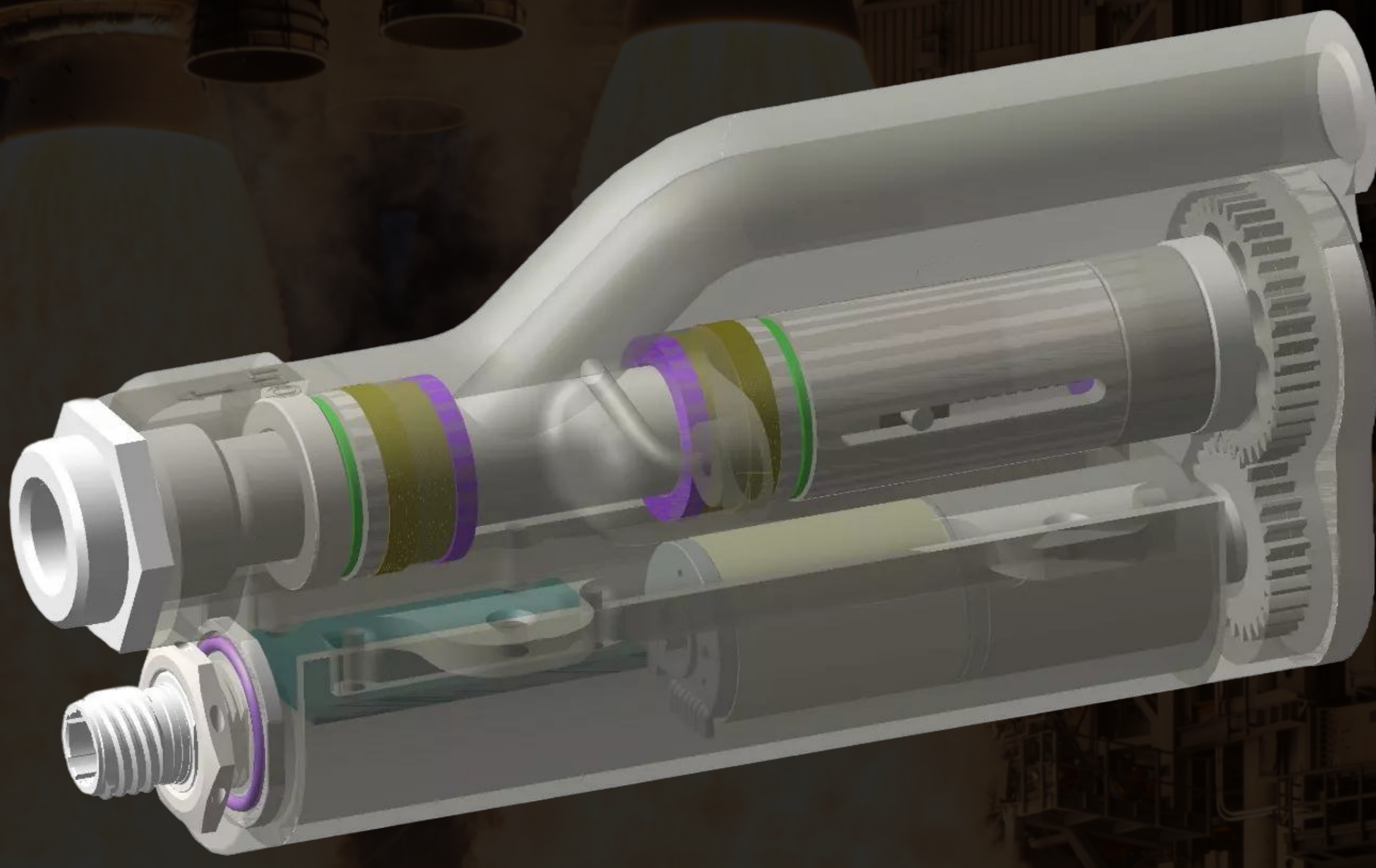


SHERWIN VALVE

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 cm³/s

MEOP

>10,000 psi

OPERATING TEMPERATURE

-425 F to 250 F

WORKING FLUIDS

Agnostic (Inert Gasses, Hydrazine, LOX, RP-1)

MATERIAL

Agnostic (SS, Ti Variants)

OPEN/CLOSE SPEED

<12 ms

INLET/OUTLET DIAMETER

Min 1/4

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

