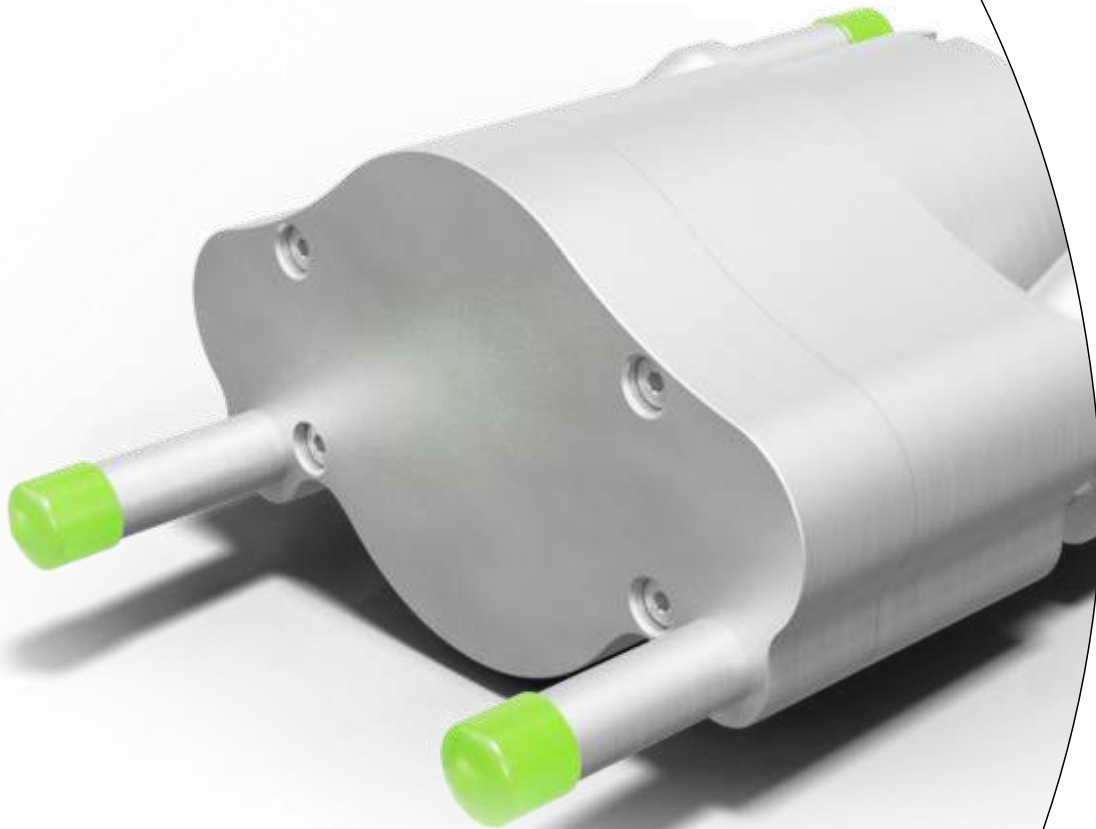




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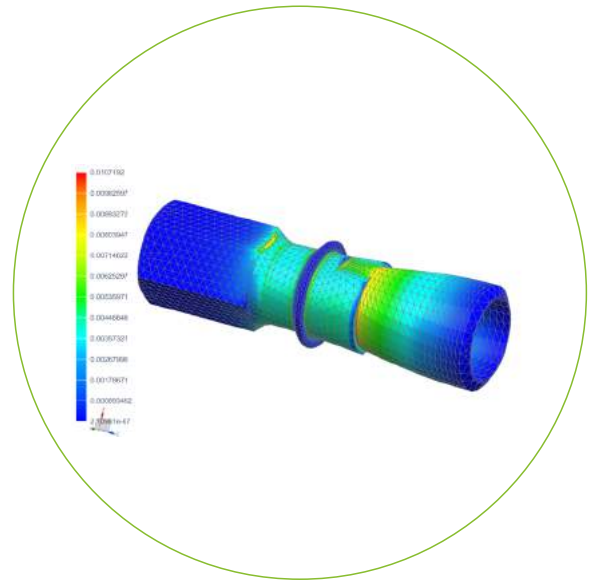
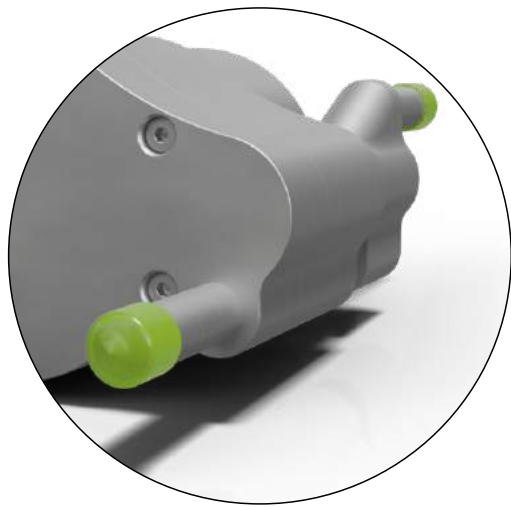


Electromagnetic
valve technology

DUAL FLOW BIPROPELLANT LATCH VALVE

CHARACTERISTICS

Offered dual flow bipropellant latching valve, where the fuel and oxidizer paths are simultaneously operated using a single solenoid actuator, was developed in cooperation with Astronika under the ESA contract. Selected structural materials and seal made of virgin PTFE enable operations with standard and green propellants, including High Test Peroxide.



KEY FEATURES

- ITAR free
- Dual flow
- Position indicator
- Latching solenoid
- Back relief function
- ¼" straight tube connection (other on request)
- Controlled fluids: Hydrazine, MMH, MON, H₂O₂, LMP103S

TECHNICAL INFORMATION

Parameter	Value
Operating pressure	24 Bar
Nominal massflow	2x50 g/s
Pressure drop	0.5 Bar
Internal leakage	<1e-4 scc/s gHe
Opening/closing time	<50 ms
Voltage	28 VDC Nominal
Switching Power	60 W
Cycle life	20 000
Mass	0.75 kg



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