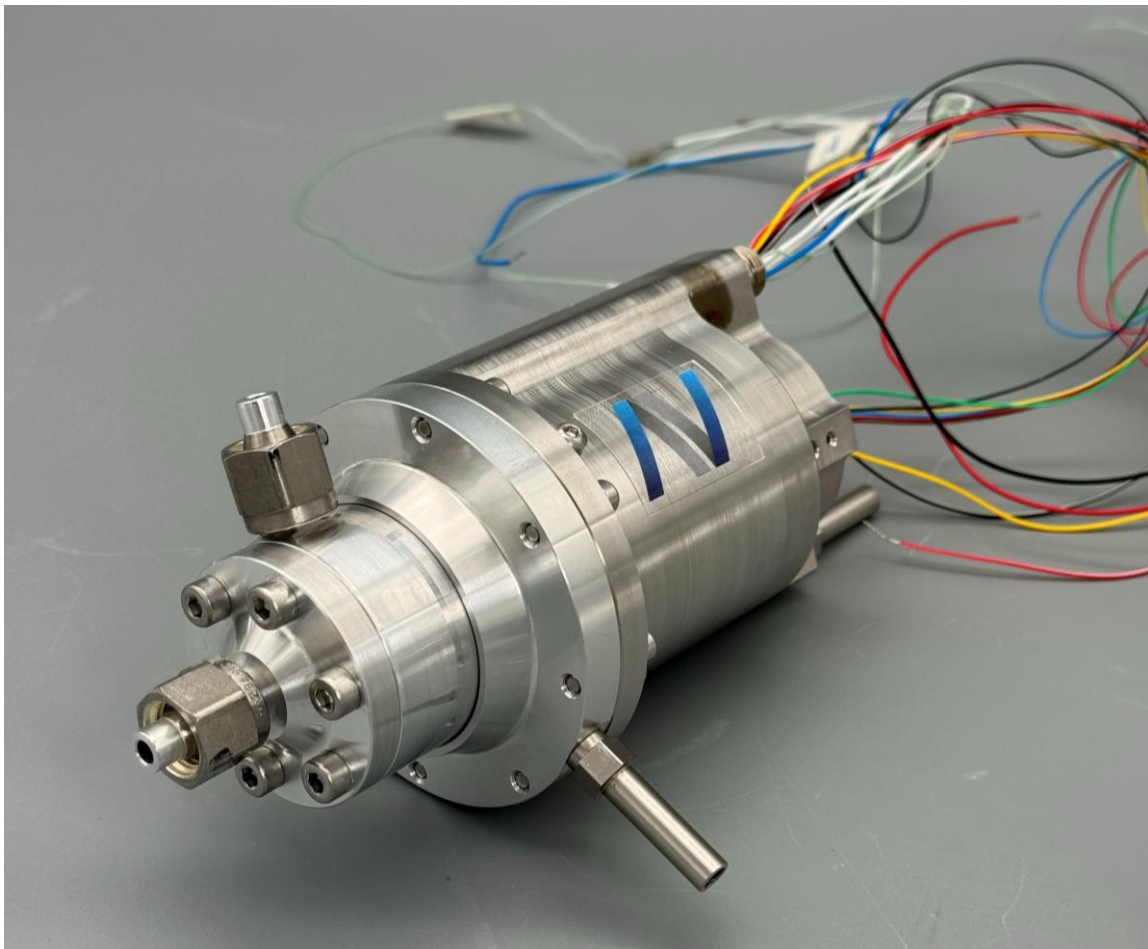


PRODUCT INFORMATION

Manufacturer	deltaVision GmbH Hofmannstr. 50 81379 München Germany
Product	Regulation Valve
Product type	R3a



R3a

Weight	1000 g (controller and mount included)
Dimensions	174 mm x 68 mm x 124 mm (Controller and mount included)
Interfaces	1/4" tube inlet x 1/4" tube, adaptable
Materials fluid channel	Stainless steel series 300, Aluminum series 6000, PEEK, PTFE
Nominal voltage	28 V $\pm$ 4 V DC
Motor Resistance nominal	1,6 Ω $\pm$ 5% / 20°C (Phase to Phase)
Nominal power	120 W at RT
Effective Area	0 – 4,9 mm ²
Flow coefficient Kv	0 – 0,25 m ³ /h
Differential pressure (max.)	Up to 60 bar (application dependent)
Operating pressure (max.)	Up to 60 bar (application dependent)
Proof pressure	Up to 90 bar (application dependent))
Ambient temperature (range)	233K ... 373K (application dependent)
	Optional: 4K ... 373K
Approved operating fluids	Inert media, Hydrocarbons, H ₂ , O ₂ , CH ₄ Optional: Storables, N₂O, HTP (short-term)
Opening time nominal	< 600 ms (application dependent)
Closing time nominal	< 600 ms (application dependent)
Accuracy nominal	~1% of max effective flow area
Control Interface	CAN, Analog 0-10V
Internal leakage RT	< 1e-2 scc/s (application dependent)
Internal leakage TLN2	< 1e-2 scc/s (application dependent)
External leakage	< 1e-3 scc/s (application dependent)
Flight Heritage	No

