

PRODUCT INFORMATION

Manufacturer	deltaVision GmbH Hofmannstr. 50 81379 München Germany
Product	Regulation Valve
Product type	EP30k



EP30k

Weight	12 kg (controller excluded)
Dimensions	Ø 130 mm x 300 mm (controller excluded)
Interfaces	¾" tube inlet x ½" tube, adaptable
Materials fluid channel	Stainless steel series 300, Aluminum series 6000, Brass, PEEK, PTFE
Supply Voltage	400 V ± 4 V DC
Motor Resistance nominal	15 mΩ ± 5% / 20°C (phase to phase)
Design Load Point	1400m @ 2,3 l/s (@ 65000 rpm)
Nominal power at Design Load Point	50 kW
Zero Flow Head	1800 m
Minimum Stable Speed	7000 rpm
Operating pressure (max.)	Up to 70 bar (application dependent)
Proof pressure	Up to 105 bar (application dependent))
Environment Temperature (range)	233K ... 373K (application dependent) Optional: 77K ... 373K
Approved operating fluids	Cryogenic Inert media, LCH4 Optional: LH2, LOx
Control Interface	CAN
External leakage	< 1e-3 scc/s (application dependent)
Flight Heritage	No
Controller	Can be included

