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A compact, high performance electro-mechanical actuator for motion in harsh environment.



1 - Description

This electro-mechanical actuator allows translation movement in harsh conditions such as low temperatures, salt spray...this actuator is especially designed for military or space applications such as mechanism rearmament, antenna opening, gearbox automatisisation, material handling, and valve control.

Various options are available on request (Angular encoder, backlash compensation, heating...)

2- Technical Data

Specifications	Values
Static force /maximum dynamic	5000N / 4000N
Travel range	Up to 700mm
Translation speed	Up to 70mm/s
Working temperature	-40°C to + 80°C (Option reheating -60°C to +80°C)
Storage Temperature	-40°C to +80
Dimension of the actuator- rod retracted	(Travel +183) x 55 x 91.5mm
DC motor high efficiency (power supply: network 24 VDC)	
Driven by ball screw or trapezoidal screw	
Fastener interface upon request (On the side fixations, ball joint, clevis)	
Adjustable limit-switches	
Irreversible movement	
IP65 sealing on request	