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Non-contractual photo

An actuator with high mechanical performances thanks to energy accumulation system

1 - Product description

Application fields

This energy-recovery electro-mechanical actuator is equipped with an energy recuperation system reducing its maximum power consumption and with a high efficiency ball-screw.

Thanks to its integrated ECU, the operating cycles can be fully adjusted. This actuator is specially adapted to applications like armored vehicle ramps, satellite dish actuation

2 - Mechanical performances

SPECIFICATIONS	VALUES
Maximum static/dynamic force :	38 000 N / 17 000 N
Stroke :	From 400 to 600 mm
Translation speed :	Up to 100 mm/s
Temperature of use :	-32°C to +55°C
Tightness IP65-9k :	
Salt spray resistance :	48h
EMC compliant with MIL DTD 461 CE102/RE102	

3 - Technical data

- Actuator dimensions (retracted) : (2 x stroke + 700 mm) x 230 x 200 mm
- High efficiency DC motor (Electric power supply 24VDC (±15%))
- Ball-screw drive
- Safety control to retract the actuator
- Safety brake
- Fixation interfaces upon request

The Isp System technology allows an easy adaptation of the actuator characteristics to customer needs.

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