

HALCON

LANDING GEAR ROTARY ACTUATOR

DELIVERING
RELIABILITY.
DELIVERING
PRECISION.



The HALCON Landing Gear Rotary Actuator was developed and designed as a key component of the flight control system of modern UAVs. Due to its robust and advanced control system and redundant communication architecture, the system provides fail-safe and jitter less performance.

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S P E C I F I C A T I O N S

SPECIFICATIONS

Power:	60 W
Nominal Speed:	16 RPM
Max. Continuous Torque:	11 N.m
Max. Torque:	12 N.m
Stall Torque:	40 N.m
Operating Temperature :	-40 up to 70 C

APPLICATIONS

Unmanned Aerial Systems

Control Surfaces

Utility Actuation

Throttle Control

MASS

Weight: 750g

FEATURES

High Power to Weight Performance

Dual Redundant Communication

Brushless Permanent Magnet DC Motor

Robust & High Fidelity Controller Design

Gradual Stall for Overload Protection

Advanced Error Detection &
Fail-safe Measures

Precision CNC Machined Aerospace Grade
Aluminum Casing

INPUT VOLTAGE/POWER

Operating Range: 18-28 V DC

Typical Voltage: 24 V DC

Standby Current: 70 mA

