

LINEAR ACTUATOR

ACTUATOR DESIGN

Linear actuators are **machined from AW 7075 T6 aeronautic grade aluminum**, with a high level of precision and a demanding quality control, resulting in a robust and reliable system.

STRONG LINEAR FORCE

Thanks to its design, Electron Retracts linear actuators **provide a linear force output much higher** than regular servos and pistons, while keeping a small size format allowing for its installation in many situations.

EXCLUSIVE SPINDLE

Its squared threaded spindle, specifically designed for this purpose, provides extra axial force, with a **25% performance increase** compared to other conventional spindles.

MOUNTING BRACKET

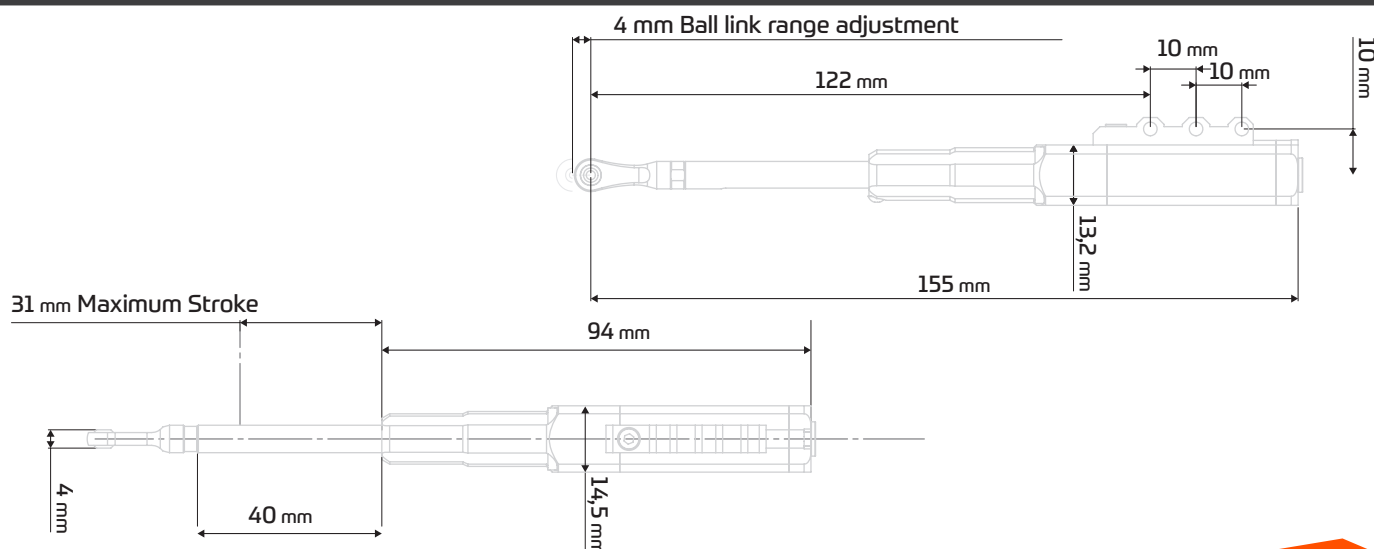
Thanks to the multiple mounting points on the actuator itself and the included mounting bracket, any number of **different deflection angles can be achieved** to exactly suit your needs.



SPECIFICATIONS

Operating Voltage	6 ~ 8.4V
Voltage	8V
Stroke	31 ± 0,5mm (Mechanically adjustable extension stroke)
Control System	PWM (Servo connector)
Speed at 8V (No load)	7,5 mm/s ± 10%
Stall Current	1,5A
Stall Force	60N
Max Static Force	800N
Max Side Load (Extended)	100N
Wire Length	300mm
Weight	45g
Case Material	AW 7075T6
Operating Temperature Range	-10°C ~ +50°C

DIMENSIONS



Technical data may be subject to change without previous notice.

For custom designs of this product, please contact us at info@electron-retracts.com

For the most recent specifications, visit: www.electron-retracts.com

Please request detailed drawings here: info@electron-retracts.com or download from our website: www.electron-retracts.com/downloads



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