

HH-LA-U6 7000N / 1574 lbs Heavy Duty Linear Actuator

Model: HH-LA-U6 | 12V / 24V DC

This datasheet summarizes the verified source-of-truth specifications for the HH-LA-U6 heavy-duty linear actuator. Use the product documents for sourcing, application review, and OEM / project planning.

Force 7000N / 1574 lbs	Voltage 12V / 24V DC	Speed 9 mm/s no-load 7 mm/s load
Protection IP65	Limit Built-in limit switch with signal output	Stroke 200-600 mm standard 15-1000 mm OEM

Key Specifications

Model	HH-LA-U6
Max Push Force	7000N / 1574 lbs
Max Pull Force	7000N
Max Self-Locking Load	9000N
Voltage	12V / 24V DC
Motor Power	100W
No-load Speed	9 mm/s
Load Speed	7 mm/s

Electrical Specifications

12V No-load Current	3.6A
12V Load Current	16A
24V No-load Current	1.8A
24V Load Current	9A

Mechanical / Operating Specifications

Duty Cycle	10%-20%
Operating Temperature	-40 C to 65 C
Noise	<65 dB
Protection Rating	IP65
Motor Type	Brushed DC Motor
Gear Type	Powder Metallurgy
Screw Type	Trapezoidal Thread
Gearbox	Zinc Alloy
Inner / Outer Tube	Steel Tube
Overload Protection	Built-in Clutch Overload Protection
Limit Configuration	With Limit Switch and Signal Output

Stroke Configuration

Standard Storefront Stroke	200-600 mm
OEM Custom Stroke Capability	15-1000 mm
Installation Length	Stroke + 250 mm

OEM / Customization Note

Standard storefront stroke options are 200-600 mm. OEM custom stroke capability extends from 15-1000 mm. Installation length follows Stroke + 250 mm.

Contact HyHaven through the website for product selection and project support: hyhavenstore.com.