

HyHaven HH-LA-U2 1500N / 337 lbs Linear Actuator

Model: HH-LA-U2 | 12V / 24V DC | IP54 protection

This datasheet summarizes the verified source-of-truth specifications for the HH-LA-U2 linear actuator. Use it for product selection, engineering review, and OEM / project planning.

Force 1500N / 337 lbs	Voltage 12V / 24V DC	Speed 6 mm/s no-load 4.5 mm/s load
Protection IP54	Limit Built-in limit switch	Stroke 50-450 mm standard 15-1000 mm OEM

Key Specifications

Model	HH-LA-U2
Max Push Force	1500N / 337 lbs
Max Pull Force	1100N
Max Self-Locking Load	1800N
Voltage	12V / 24V DC
Motor Power	30W
No-load Speed	6 mm/s
Load Speed	4.5 mm/s

Electrical Specifications

12V No-load Current	1.2A
12V Load Current	3.8A
24V No-load Current	0.8A
24V Load Current	2A

Mechanical / Operating Specifications

Duty Cycle	10%-20%
Operating Temperature	-20°C to 60°C
Noise	<45 dB
Protection Rating	IP54
Motor Type	Brushed DC Motor
Gear	45# Hobbing Gear
Gearbox	Zinc Alloy
Inner / Outer Tube	Aluminum Alloy
Limit Switch	Built-in

Stroke Configuration

Standard Storefront Stroke	50-450 mm
OEM Custom Stroke Capability	15-1000 mm
Installation Length	Stroke + 105 mm

OEM / Customization Note

Standard storefront stroke options are 50-450 mm. OEM custom stroke capability extends from 15-1000 mm. Installation length follows Stroke + 105 mm.

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