

HyHaven HH-LA-U1 Installation Reference

Verified mechanical and operating reference | 12V / 24V DC

1. Confirm the Selected Configuration

Before installation, confirm the actuator label and selected stroke. HH-LA-U1 is the 900N maximum push / 800N maximum pull, 20W configuration with 6 mm/s no-load speed and 4 mm/s load speed.

2. Installation Length

Installation Length = Stroke + 105 mm

Use the authentic HH-LA-U1 Dimension Drawing for the remaining mounting geometry and hole dimensions. Do not derive unlisted dimensions from photos or from another actuator model.

3. Stroke Range

Standard storefront strokes are 50-450 mm. OEM custom stroke capability is 15-1000 mm. The factory source states that custom stroke is set during production and is not adjustable after production.

4. Electrical Rating

Supply	No-load current	Load current
12V DC	0.8A	3A
24V DC	0.6A	1.8A

This reference does not specify wiring polarity, controller compatibility, Hall/feedback functions, or synchronization because those items are not verified by the available U1 source.

5. Operating Limits

Item	Verified value
Duty cycle	10%-20%
Operating temperature	-20 C to 60 C
Noise	<45 dB
Protection rating	IP54
Limit	Built-in

6. Source-Controlled Installation Practice

Use the product-specific dimension drawing for mechanical fit checks. Do not assume mounting orientation, side-load tolerance, maintenance intervals, lubrication procedures, automatic end-stop behavior, or package contents unless a separate verified source is provided.