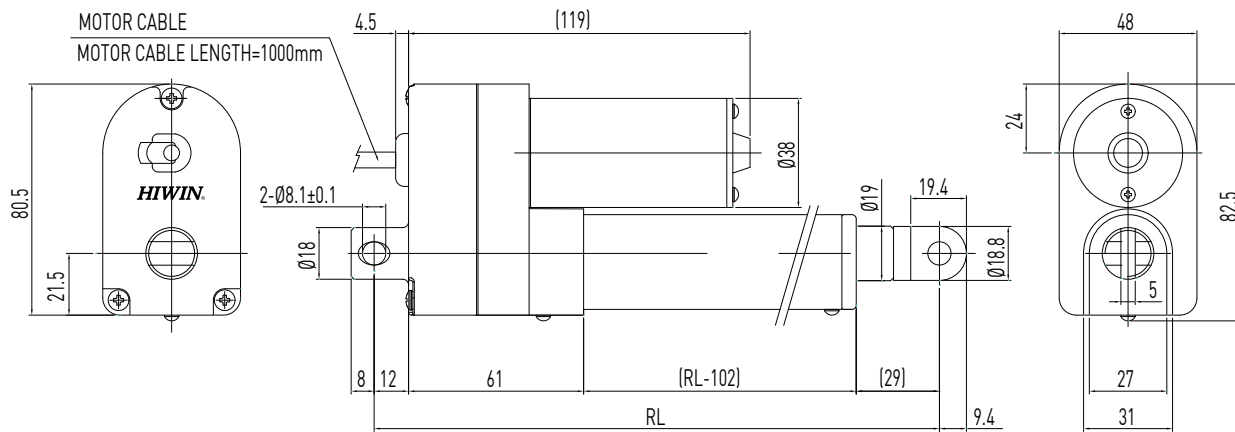


Linear Actuator

3-3. HIWIN LAS Series (3)

LAS3



- RL = S+146
Stroke ≤ 250
RL: Retracted length
S: Stroke length

Table 3.5 Specifications

Screw type	ACME
Weight*	1.27kg
Protection	IP54
Compatible controller	Compatible with all controllers [*Notice the type of connector: Audio/DIN 4pin]
Working temp.	+5°C~40°C

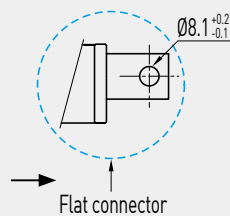
* Stroke length 200mm

Option:

- (1) IP66
- (2) Position feedback
 - 1: Potentiometer 10k ohm (RL = S+154, S ≤ 250)
 - 2: Hall sensor: PNP(standard)
- (3) Back fixture turned 90°

Table 12.2 Position feedback specifications (Hall Sensor)

Supply voltage	24VDC	12VDC	5VDC
Output	High level 24VDC Low level 0.2V / 10mA sink (PNP)(NPN)	High level 12VDC Low level 0.2V / 10mA sink (PNP)(NPN)	TTL

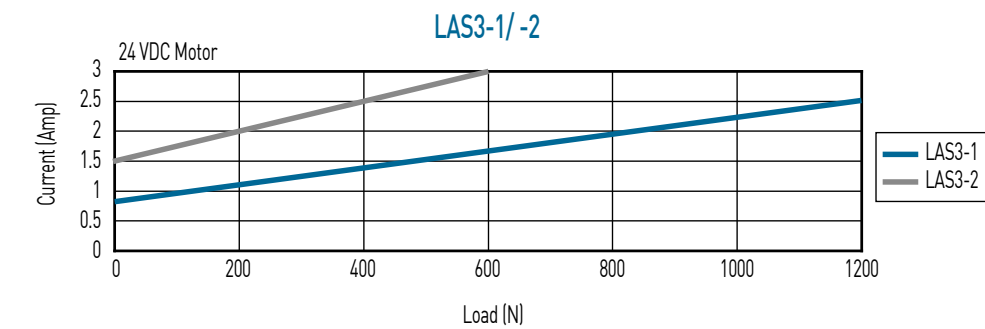
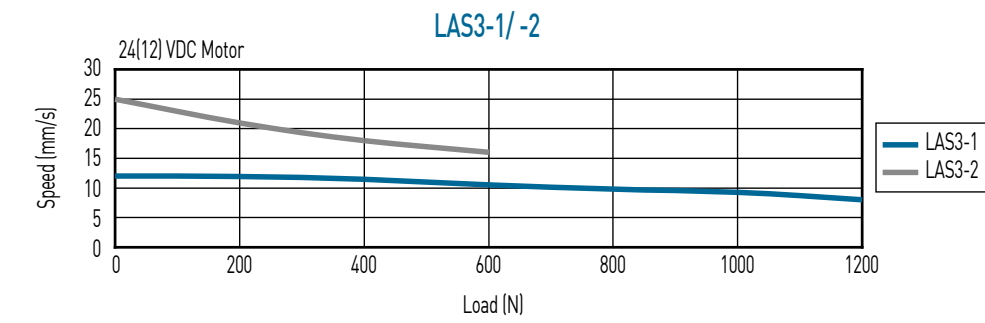


- (4) Rod end with flat connector (RL = S+133, S ≤ 250)
- (5) Potentiometer+Rod end with flat connector (RL = S+141, S ≤ 250)
- (6) Plug : DIN 4PIN plug / Stereo plug / Mono plug
- (7) External reed switch(RL=S+172,S≤250)

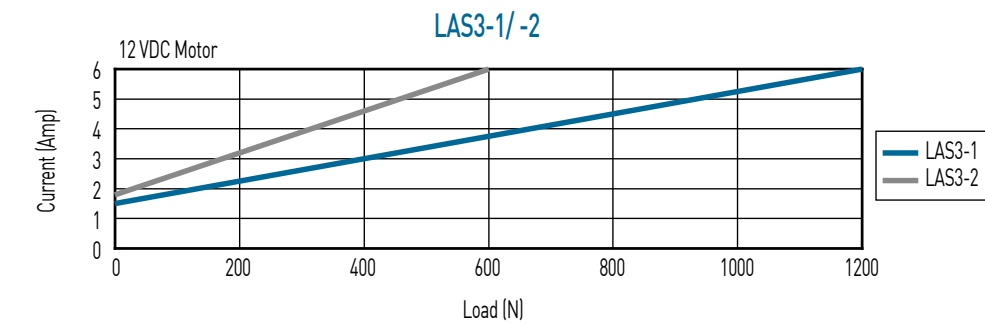
Table 3.6 LAS3 Specifications

Model	Thrust max. (N)	Pulling max. (N)	Holding max. (N)	Speed (mm / s) Load = Max. / Load = 0	Standard stroke (mm) : S					Duty cycle %	Current max. (A)		Hall Sensor Resolution (mm/pulse)	Potentiometer Resolution (Ohm/mm)
					50	100	150	200	250		12VDC	24VDC		
LAS3-1	1200	1200	800	8 / 12	50	100	150	200	250	10	6	2.5	0.3175	21
LAS3-2	600	600	300	16 / 25	50	100	150	200	250	10	6	3	0.635	10.5

*Min. input power = Voltage x Current max.



**Note: The test results are obtained by using the 24VDC power supply.



**Note: The test results are obtained by using the 12VDC power supply.

Ordering Information

LAS3 - 1 - 1 - 200 - 24 G E

Model number	0 : Without internal limit switches 1 : Basic model complete with internal limit switches	Stroke length	Voltage 24:Standard motor 12:12VDC Standard	Color B : Black G : Gray	Special models according to the customer's requirement (Ignore this part of the serial number if not available)
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