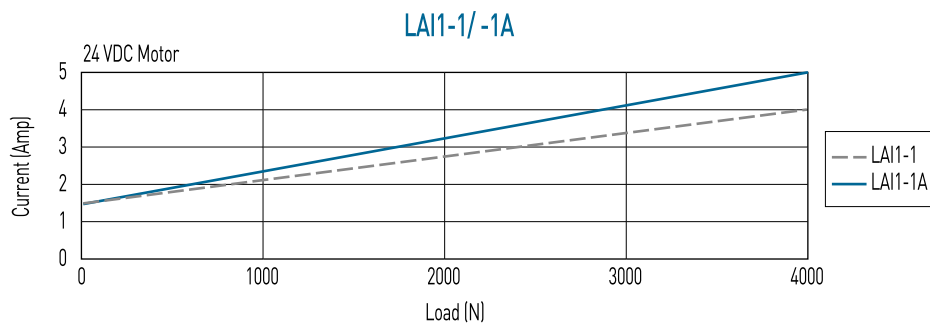
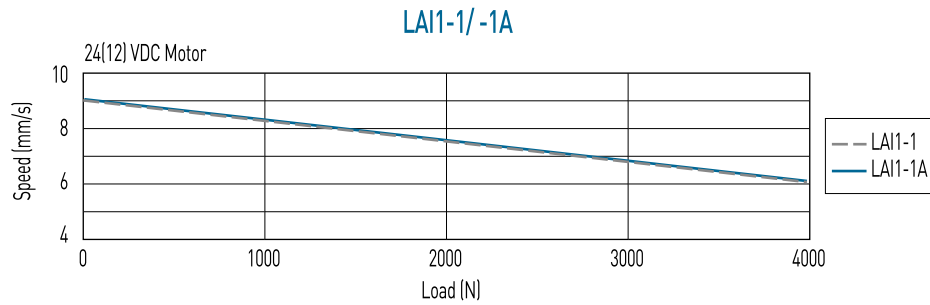


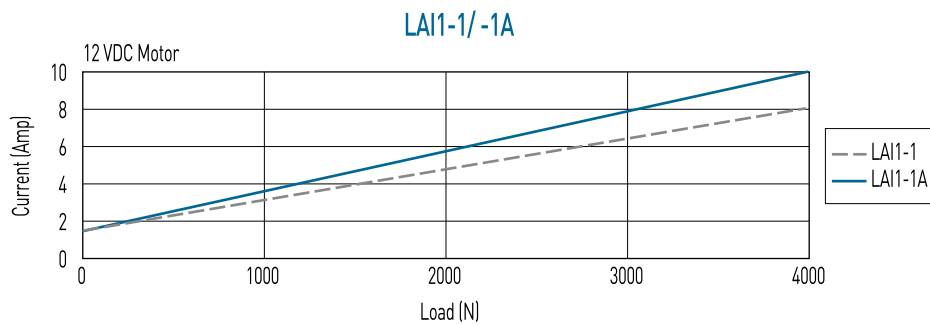
Table 8.2 LAI1 Specifications

Model	Screw type	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)	
						100	150	200	250	300		12VDC	24VDC
LAI1-1	Ball screw	4000	4000	1200	6 / 9	100	150	200	250	300	10	8	4
LAI1-1A	ACME	4000	4000	3000	6 / 9	100	150	200	250	300	10	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

LAI1 - 1 - 0 - 200 - 24 E				
Model number (Ball screw: 1) (ACME: 1A)	0: Basic model (without magnet) 1: Complete with external limit switches	Stroke length	Voltage	Special models according to the customer's requirement (Ignore this part of the serial number if not available)

Linear Actuator

LAI Series

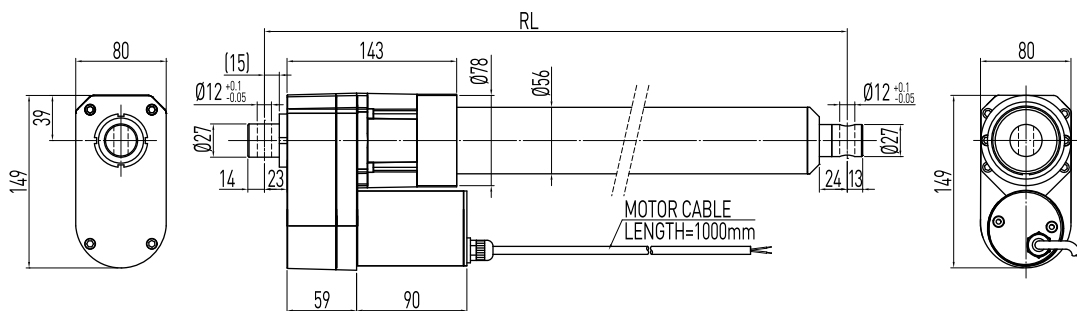
9. HIWIN LAI Series (2)

LAI2



• Without limit switch and without hall sensor drawing:

- RL = S+277
Stroke ≤ 300
RL = S+327
Stroke ≤ 700
RL = S+377
Stroke ≤ 1000
RL: Retracted length
S: Stroke length



• With limit switch and with hall sensor drawing:

- RL = S+323
Stroke ≤ 300
RL = S+373
Stroke ≤ 700
RL = S+423
Stroke ≤ 1000
RL: Retracted length
S: Stroke length

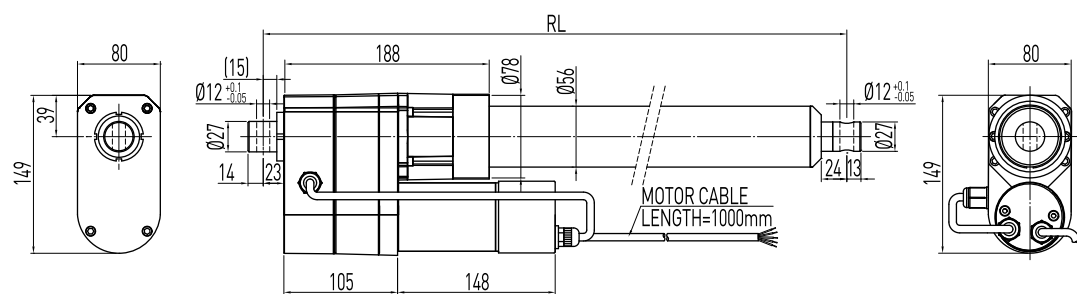


Table 9.1 Specifications

Screw type	Ball screw
Weight*	8kg
Protection	IP54
Compatible controller	Compatible with all controllers (*Notice the type of connector: Audio/DIN 4pin)
Working temp.	+5°C~40°C
* Stroke length 300mm	

Option:

- (1) IP66
- (2) Hall sensor
- (3) Limit switch
- (4) Clamp installed
- (5) Rod end with PHS20 Roller
- (6) Plug: DIN 4PIN plug / Stereo plug / Mono plug
- (7) Back fixture turned 0°, 45°, 90°, 135°

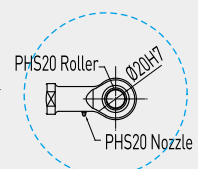
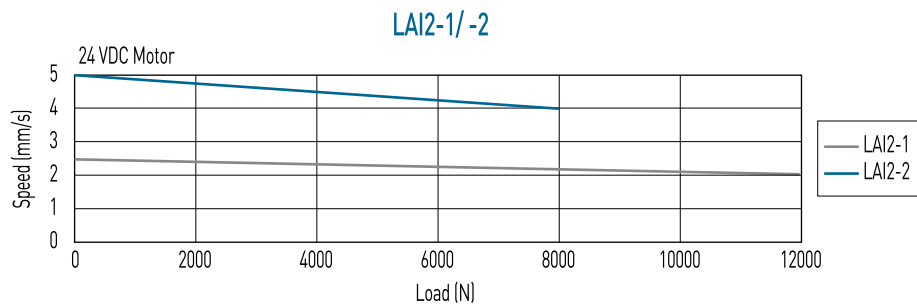


Table 9.2 LAI2 Specifications

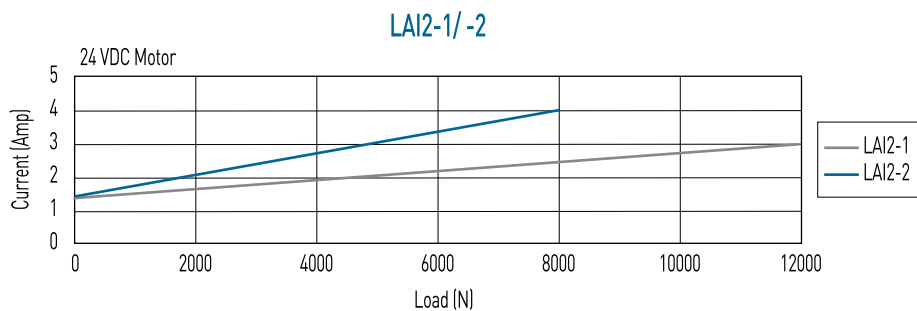
Model	Screw type	Thrust max. (N)	Pulling max. (N)	Holding max. (N)	Speed (mm / s) Load = Max. / Load = 0	Standard stroke (mm) : S					Duty cycle %	Current max. (A) 24VDC	Hall Sensor Resolution (mm/pulse)
LAI2-1	Ball screw	12000	10000	12000	2 / 2.5	100	150	200	250	300	10	3	1.26
LAI2-2	Ball screw	8000	8000	8000	4 / 5	100	150	200	250	300	10	4	2.54

*The max. stroke lengths: 1000mm

*Min. input power = Voltage x Current max.



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



Ordering Information

LAI2 - 1 - 0 - 200 - 24 E				
Model number	0: Basic model without magnet 1: Complete with internal limit switches	Stroke length	Voltage	Special models according to the customer's requirement (Ignore this part of the serial number if not available)