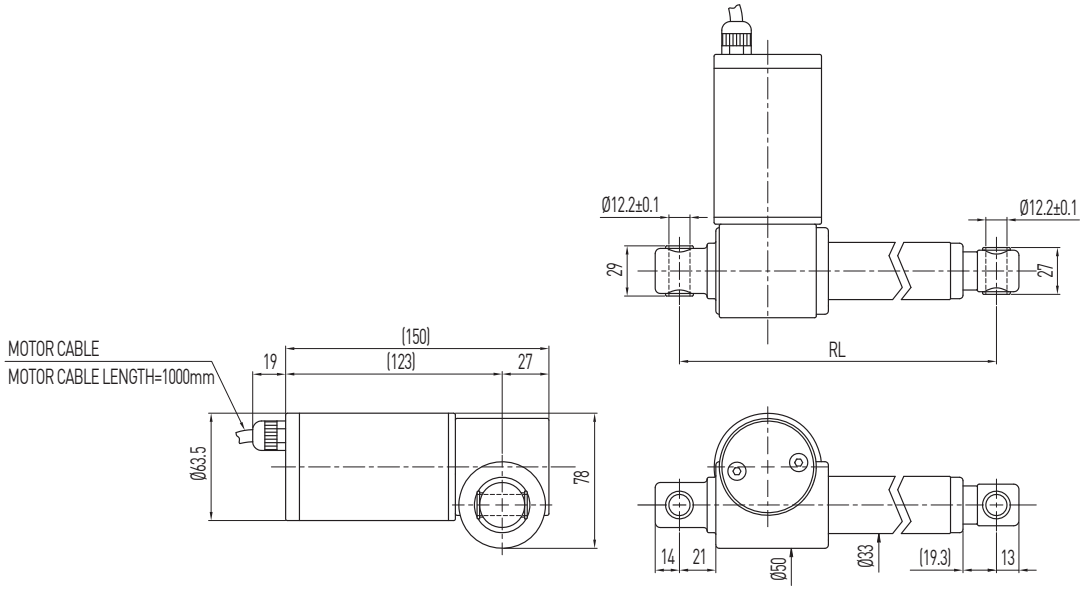
Linear Actuator

LAM Series

LAM1-1 / -2



- LAM1-1/-2
  RL = S+153
  Stroke ≤ 400
- LAM1-1A
  RL = S+162
  Stroke ≤ 400

RL: Retracted length
S: Stroke length

Stroke>400 mm or special: execution available for quantity > 50 pieces.

When LAM1 with external limit switch, install heat-shrink tube at the front and the end of limit switch to restrict its location.

Specifications

Screw type	Ballscrew / ACME
Weight*	2.31kg
Protection	IP54
Compatible controller	LAK2 / LAK2LR / LAK2D / LAK2BN / LAK2J / LAK6B
Working temp.	+5°C~40°C

* Stroke length 100mm

Option:

IP65

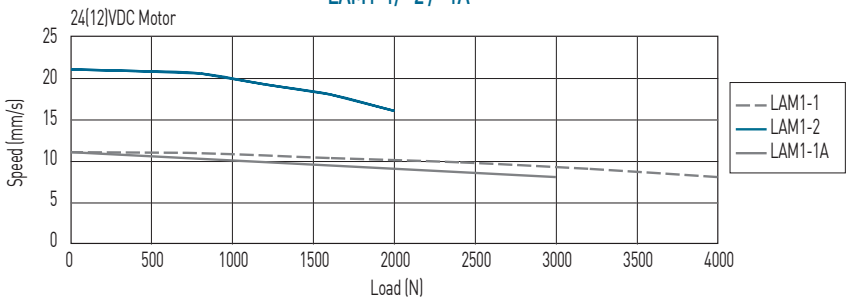
Gear box housing turned 90°
UL version only 24VDC motor specifications (Only 24VDC certified by UL)
Plug: DIN 4PIN plug / Stereo plug / Mono plug

LAM1 Specifications

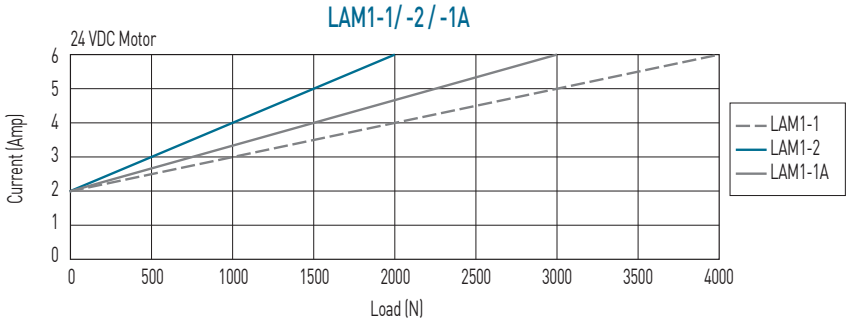
Model	Screw type	Thrust max. (N)	Pulling max. (N)	Holding max. (N)	Speed (mm / s) Load = Max . / Load = 0	Standard stroke (mm) : S							Duty cycle %	Current max. (A) 12VDC	24VDC
LAM1-1	Ballscrew	4000	3000	4000	8 / 11	100	150	200	250	300	350	400	10	12	6
LAM1-2	Ballscrew	2000	2000	1200	16 / 21	100	150	200	250	300	350	400	10	12	6
LAM1-1A	ACME	3000	3000	3000	8 / 11	100	150	200	250	300	350	400	10	12	6

*Min. input power = Voltage x Current max.

LAM1-1/ -2 / -1A

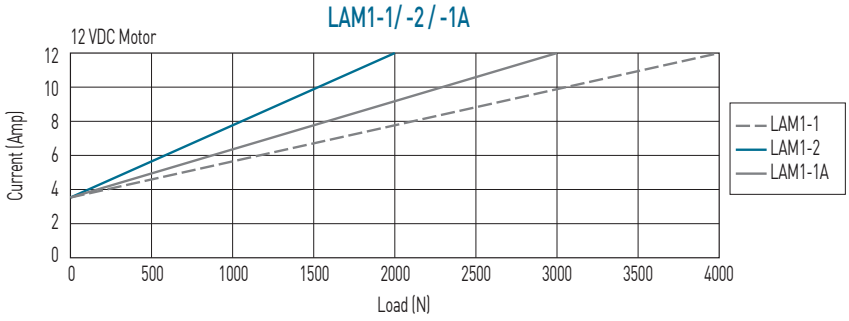


LAM1-1/ -2 / -1A



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

LAM1-1/ -2 / -1A



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

Ordering Information

LAM1 - 1 - 0 - 200 - 24 E

Model number (Ballscrew: 1,2) (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)