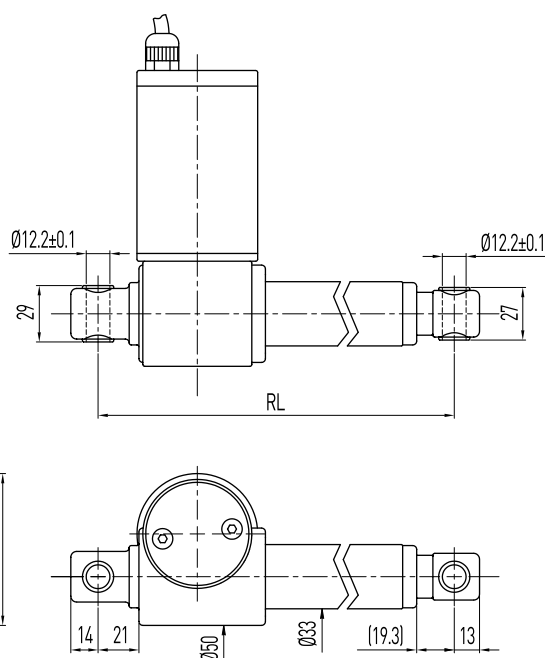
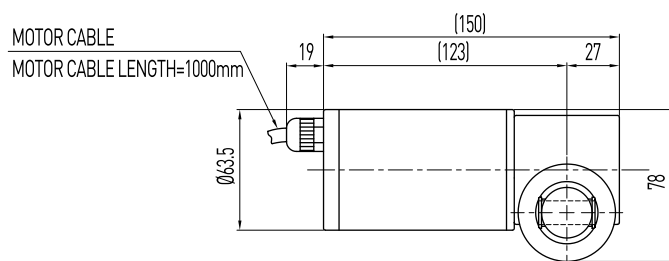


Linear Actuator

LAM Series

5. HIWIN LAM Series (1)

LAM1-1 / -2



- LAM1-1/-2
RL = S+153
Stroke ≤ 400
RL = S+203
Stroke > 400
RL: Retracted length
S: Stroke length
- LAM1-1A
RL = S+162
Stroke ≤ 400
RL = S+212
Stroke > 400

Table 5.1 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

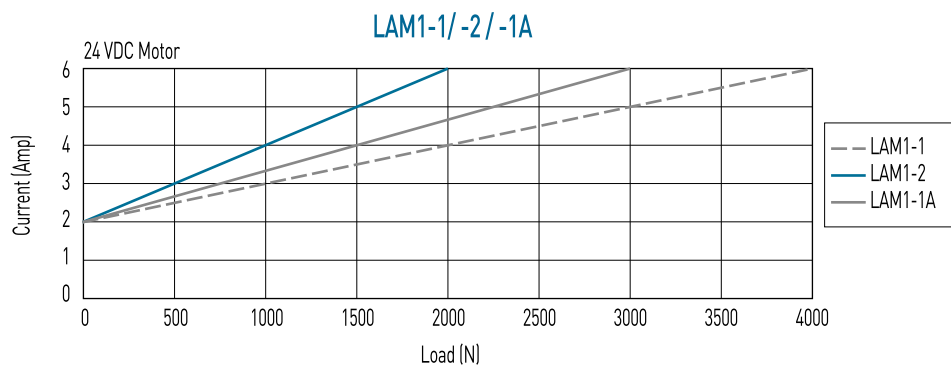
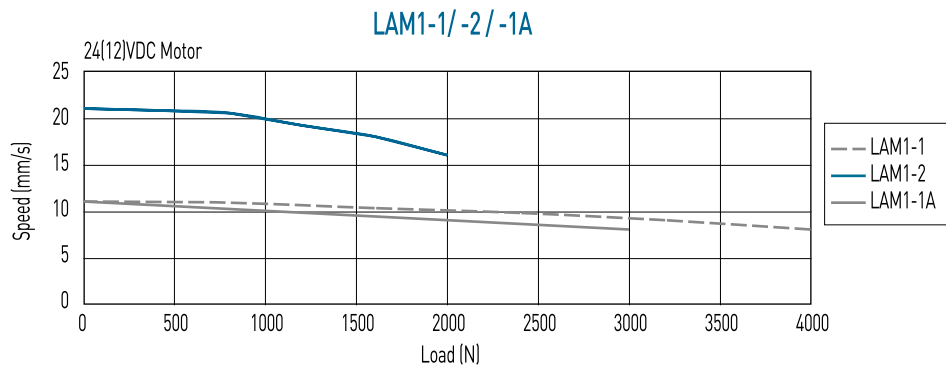
Option:

- (1) IP65
- (2) Gear box material: Steel (Standard: Zn (85%)-AL (15%))
- (3) Gear box housing turned 90°
- (4) 36VDC motor
- (5) UL version only 24VDC motor specifications (Only 24VDC certified by UL)
- (6) Plug: DIN 4PIN plug / Stereo plug / Mono plug

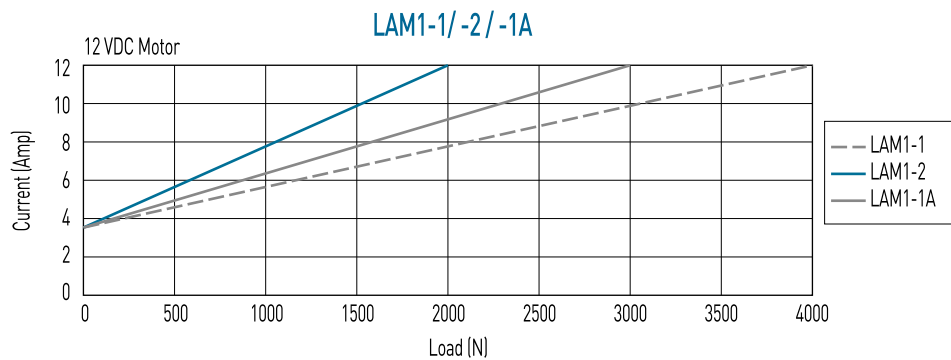
Table 5.2 LAM1 Specifications

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)	
						100	150	200	250	300	350	400	12VDC		24VDC	
LAM1-1	Ball screw	4000	3000	4000	8 / 11	100	150	200	250	300	350	400	10	12	6	
LAM1-2	Ball screw	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.



**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

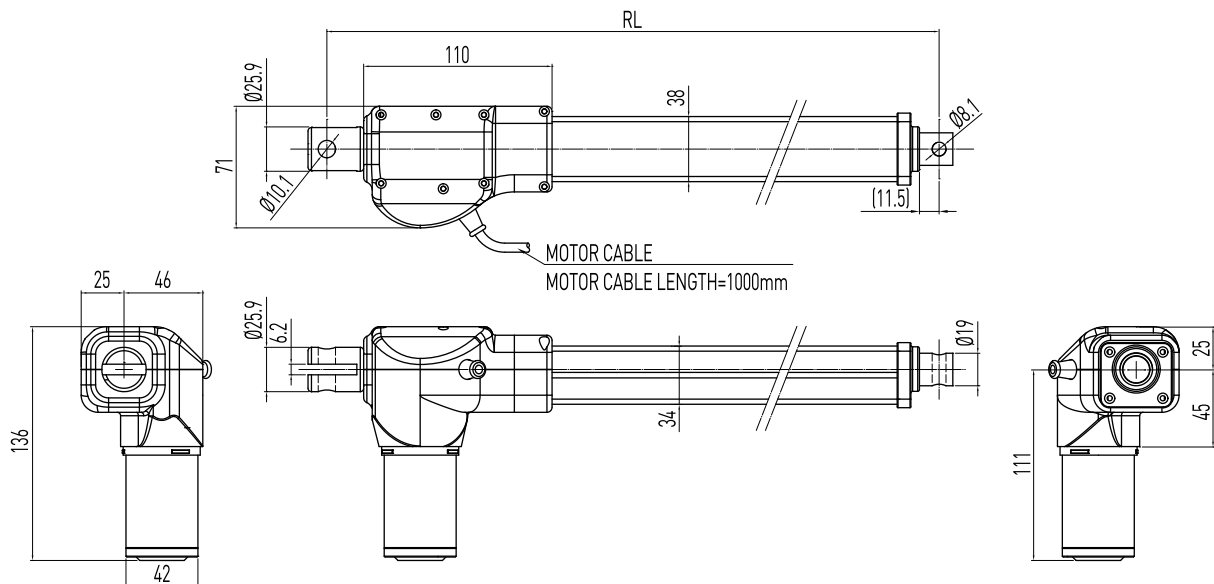
LAM1 - 1 - 0 - 200 - 24 E				
Model number (Ball screw: 1,2) (ACME: 1A)	0 : Basic model (without magnet) 1 : Complete with external limit switches	Stroke length	Voltage	Special models according to the customer's requirement (Ignore this part of the serial number if not available)

Linear Actuator

LAM Series

6. HIWIN LAM Series (2)

LAM2



- RL = S+157
Stroke ≤ 300
- RL = S+207
Stroke > 300
- RL: Retracted length
- S: Stroke length

Table 6.1 Specifications

Screw type	ACME
Weight*	1.9kg
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) External reed switch.
- (2) Mechanical Spline (Push only)
- (3) MR Sensor (Position feedback)
- (4) Back fixture turned 90°
- (5) IP66
- (6) Rod end with round connector
(RL = S+166, S ≤ 300 / RL = S+216, S > 300)
- (7) Plug: DIN 4PIN plug / Stereo plug / Mono plug
- (8) UL Version

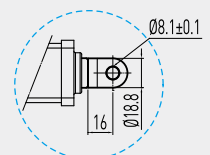
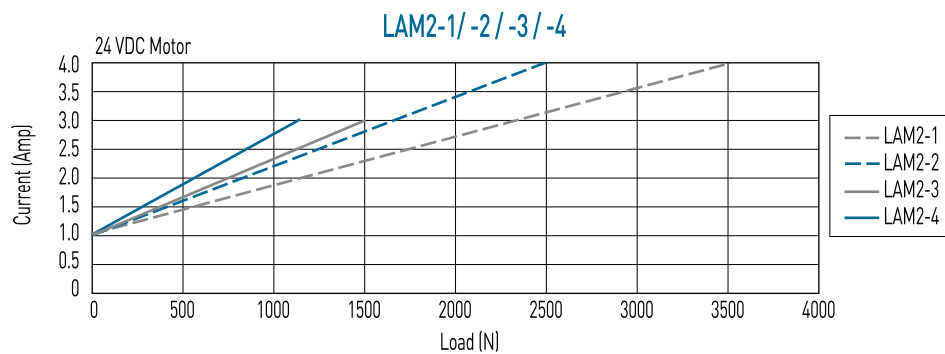
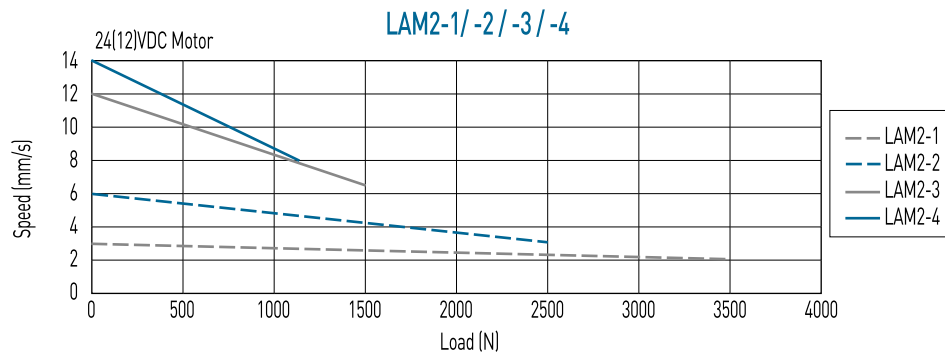


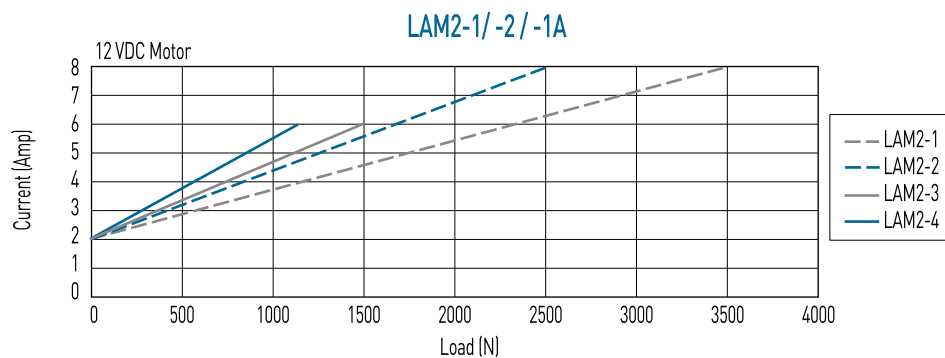
Table 6.2 LAM2 Specifications

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)		MR Sensor Resolution (mm / pulse)
											12VDC	24VDC	
LAM2-1	3500	3500	3000	2 / 3.5	100	150	200	250	300	10	8	4	0.1
LAM2-2	2500	2500	2000	3 / 6	100	150	200	250	300	10	8	4	0.16
LAM2-3	1500	1500	1500	6.5 / 12	100	150	200	250	300	10	6	3	0.32
LAM2-4	1200	1200	800	8 / 14	100	150	200	250	300	10	6	3	0.4

*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

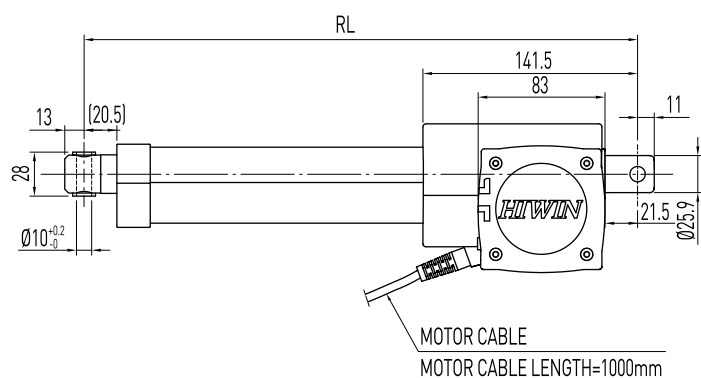
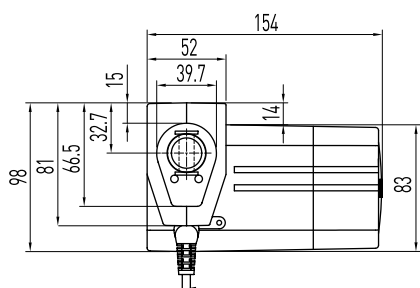
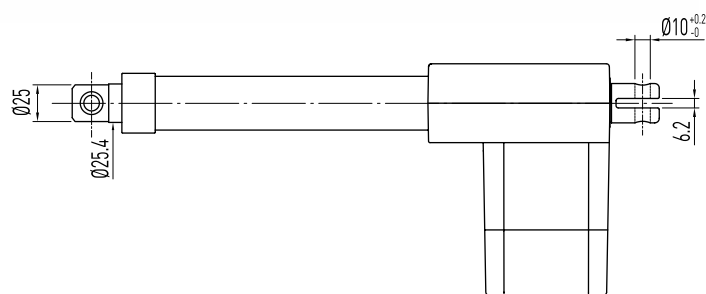
LAM2 - 1 - 1 - 200 - 24 G E				
Model number	0 : Without internal limit switches 1 : Basic model complete with internal limit switches	Stroke length	Voltage	Color B : Black G : Gray
Special models according to the customer's requirement (Ignore this part of the serial number if not available)				

Linear Actuator

LAM Series

7. HIWIN LAM Series (3)

LAM3



- RL = S+171
Stroke ≤ 300
- RL = S+221
Stroke > 300
- RL: Retracted length
- S: Stroke length

Table 7.1 Specifications

Screw type	ACME
Weight*	2.95kg
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

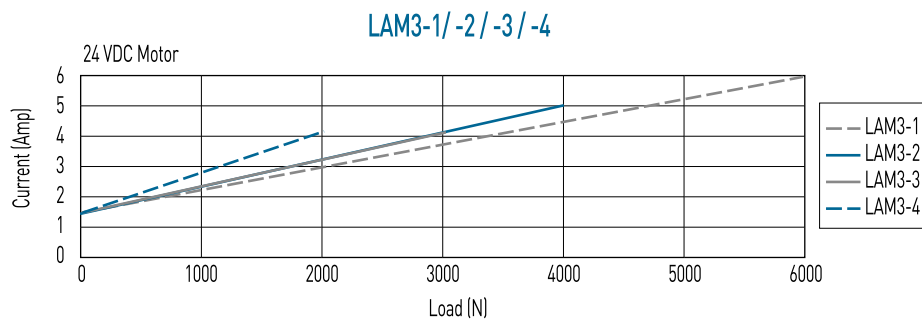
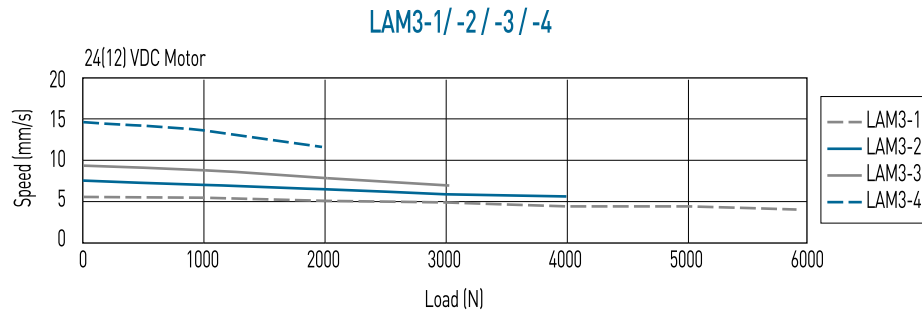
Option:

- (1) IP66
- (2) Safety Nut (RL = S+183, S ≤ 300 / RL = S+233, S > 300)
- (3) Back fixture turned 90°
- (4) Plug: DIN 4PIN plug / Stereo plug / Mono plug

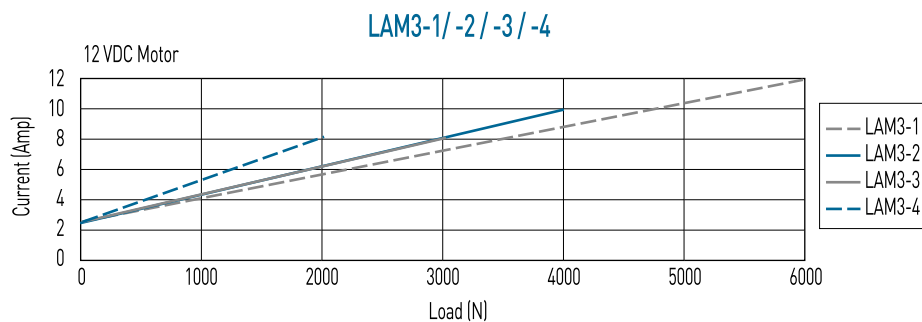
Table 7.2 LAM3 Specifications

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)	
														12VDC	24VDC
LAM3-1	6000	5000	5000	4 / 5.5	100	150	200	250	300	350	400	10	12	6	
LAM3-2	4000	4000	4000	5.5 / 7.5	100	150	200	250	300	350	400	10	10	5	
LAM3-3	3000	3000	3000	7 / 9	100	150	200	250	300	350	400	10	8	4	
LAM3-4	2000	2000	1500	11.5 / 14.5	100	150	200	250	300	350	400	10	8	4	

*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

LAM3 - 1 - 1 - 300 - 24 G E					
Model number	0 : Without internal limit switches 1 : Basic model complete with internal limit switches	Stroke length	Voltage	Color B : Black G : Gray	Special models according to the customer's requirement (Ignore this part of the serial number if not available)