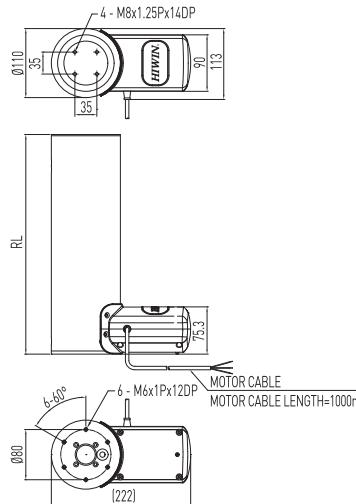


Linear Actuator

5.LAC Series

5-1. HIWIN LAC Series (1)

LAC1



- RL:
Stroke <300 , RL=310
Stroke 301~400 , RL=360
Stroke 401~500 , RL=410
RL=Retracted length
S:Stroke length

Table 5.1 Specifications

Screw type	ACME
Weight*	5.6kg
Protection	IP54
Compatible controller	Compatible with all controllers (*Notice the type of connector: Audio/DIN 4pin)
Working temp.	+5°C~40°C
* Stroke length	400mm

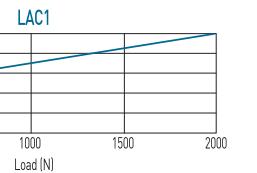
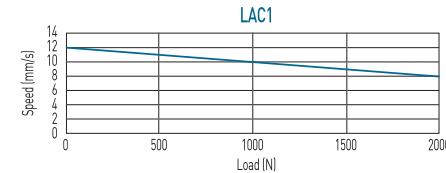
Option:

- [1] Hall sensor
- [2] Potentiometer 10k ohm
- [3] Plug : DIN 4PIN plug / Stereo plug / Mono plug
- [4] UL version

Table 5.2 LAC1 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) 24VDC	Potentiometer Resolution (ohm/mm)	Hall Sensor Resolution (mm/pulse)
LAC1-1	2000	500	2000	8 / 12	300 400	500 10	5	6.67	0.064

* Min. input power = Voltage x Current max.

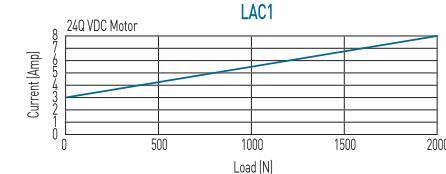
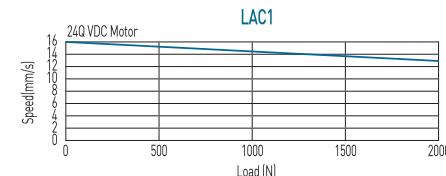


**Note: The test results are obtained by using the 24VDC power supply.

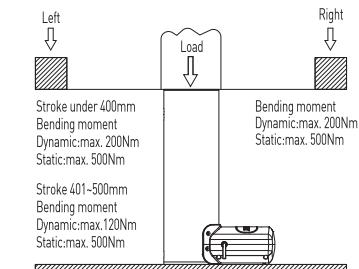
Table 5.3 LAC1(24Q) Specifications

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) 24VDC	Potentiometer Resolution (ohm/mm)	Hall Sensor Resolution (mm/pulse)
LAC1-1	2000	500	2000	13 / 16	300 400	500 10	8	6.67	0.064

* Min. input power = Voltage x Current max.



LAC1 Bending moment illustration(Stroke 400mm)



Ordering Information

Model number	1: Basic model complete with internal limit switches	Stroke length	Voltage	Color	Special models according to the customer's requirement (Ignore this part of the serial number if not available)
LAC1-1-1-400-24GE			24:Standard motor	G : Gray	