

8.

HIWIN LAN Series (1)

LAN1



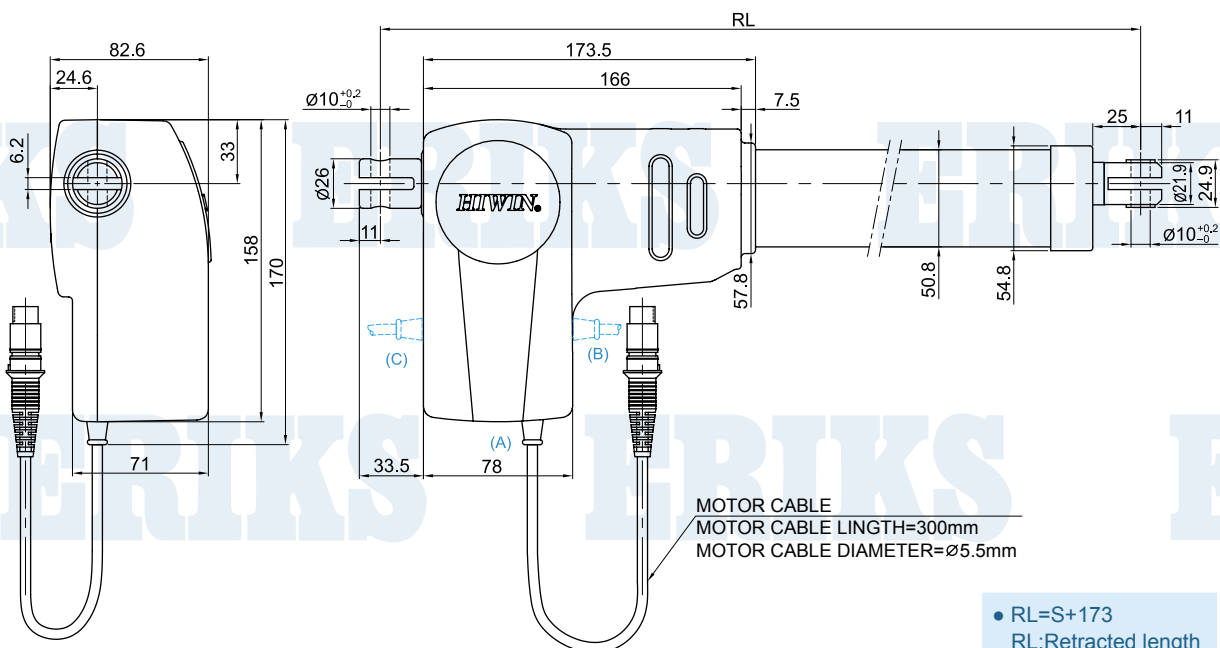
Screw type	ACME
Weight*	2.5 kg
Protection	IP 54
Compatible controller	LAK2B/LAK2D LAK4/LAK6B
Working temp	+5°C ~40°C

Position feedback specifications (Hall Sensor)

Supply voltage	24VDC	12VDC
Output	High level 24VDC Low level 0.2v/10mA sink (NPN)	High level 12VDC Low level 0.2v/10mA sink (NPN)

* Stroke length 200 mm

- * Option: (1)IP65 (2)position feedback (3)Safety nut (RL=S+185)
 (4)Spline(push only)(RL=S+223) (5)Back fixture turned 90°
 (6)Mechanical quick release(RL=S+230),with motor cable outlet from back(C)
 (7)Motor cable outlet : (A)Standard (B)Front (C)Back.



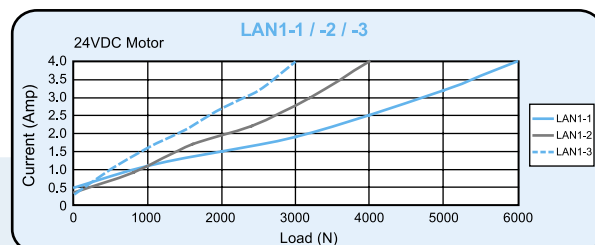
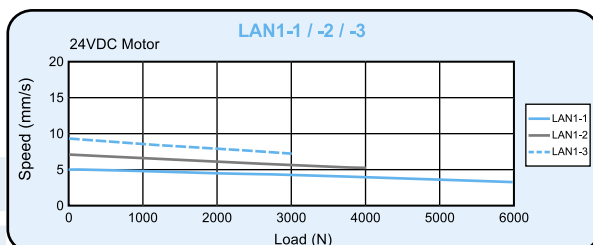
• RL=S+173
 RL:Retracted length
 S:Stroke length

● LAN1 Specifications

Standard Motor

Model	Thrust max. (N)	Pulling max. (N)	Holding max. (N)	force (mm/s) Load=Max./Load=0	Standard stroke (mm) : S	Duty cycle %	Max.current (A) 24VDC	Hall Sensor Resolution (mm/pulse)
LAN1-1	6000	5000	5000	2.7 / 5	100 150 200 250 300	10	4	0.3
LAN1-2	4000	4000	4000	5 / 7	100 150 200 250 300	10	4	0.4
LAN1-3	3000	3000	3000	7 / 9	100 150 200 250 300	10	4	0.5

Note: The test results are obtained by using LAK4 controller.

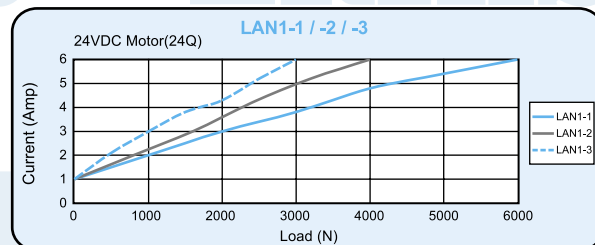
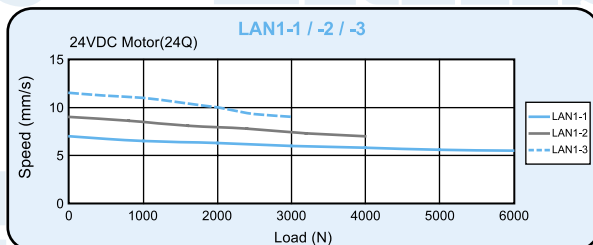


● Option

24VDC Motor (24Q)

Model	Thrust max. (N)	Pulling max. (N)	Holding max. (N)	force (mm/s) Load=Max./Load=0	Standard stroke (mm) : S	Duty cycle %	Max.current (A) 24VDC	Hall Sensor Resolution (mm/pulse)
LAN1-1	6000	5000	5000	5 / 7	100 150 200 250 300	10	6	0.3
LAN1-2	4000	4000	4000	7 / 9	100 150 200 250 300	10	6	0.4
LAN1-3	3000	3000	3000	9 / 11.5	100 150 200 250 300	10	6	0.5

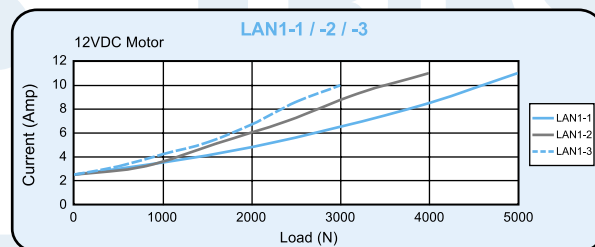
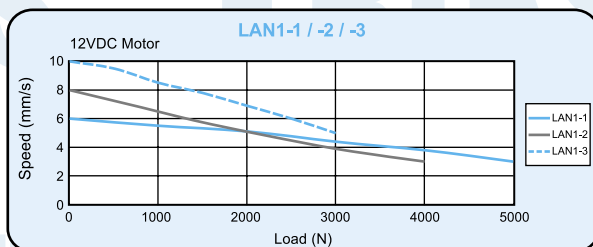
Note: The test results are obtained by using 24VDC power supply.



12VDC Motor

Model	Thrust max. (N)	Pulling max. (N)	Holding max. (N)	force (mm/s) Load=Max./Load=0	Standard stroke (mm) : S	Duty cycle %	Max.current (A) 24VDC	Hall Sensor Resolution (mm/pulse)
LAN1-1	5000	5000	5000	3 / 6	100 150 200 250 300	10	11	0.3
LAN1-2	4000	4000	4000	3 / 8	100 150 200 250 300	10	11	0.4
LAN1-3	3000	3000	3000	5 / 10	100 150 200 250 300	10	10	0.5

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



● Ordering Information

