

# HIWIN LAN Series (1)

## LAN1



Screw type	ACME	<b>Position feedback specifications (Hall Sensor)</b>	
Weight*	2.5 kg	Supply voltage	24VDC
Protection	IP 54		12VDC
Compatible controller	LAK2B/LAK2D LAK4/LAK6B	Output	High level 24VDC
Working temp	+5°C~40°C		Low level 0.2v/10mA sink (NPN)
			High level 12VDC
			Low level 0.2v/10mA sink (NPN)

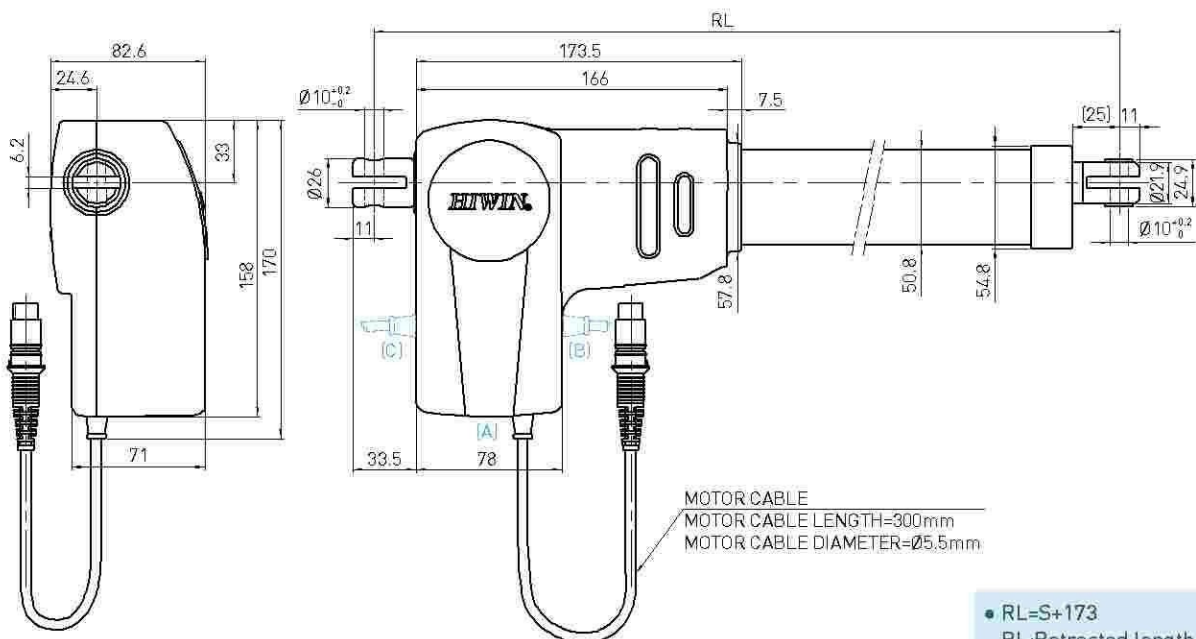
\* Stroke length 200 mm

\* Option: (1)IP66 (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.



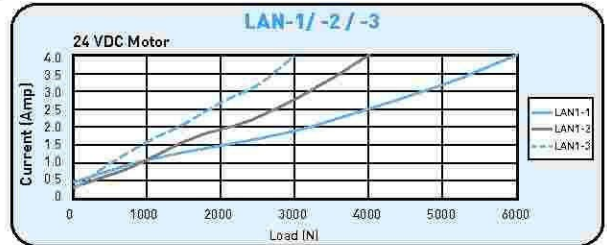
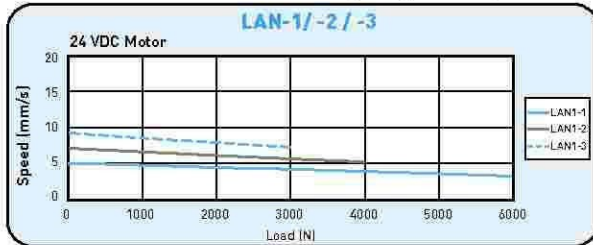
- RL=S+173
- RL:Retracted length
- S:Stroke length

## ● LAN1 Specifications

### Standard Motor

Model	Thrust max. (N)	Pulling max. (N)	Holding max. (N)	Speed (mm/s)	Standard stroke (mm) : S	Duty cycle %	Max.current (A) 24VDC	Hall Sensor Resolution (mm/pulse)
				Load=Max.Load=0				
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 24VDC power supply.

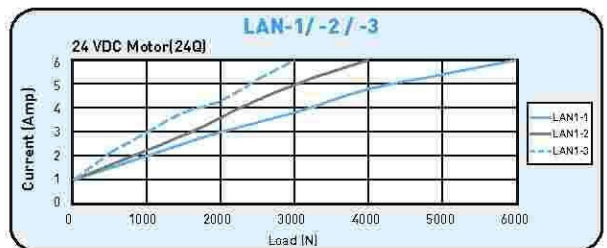
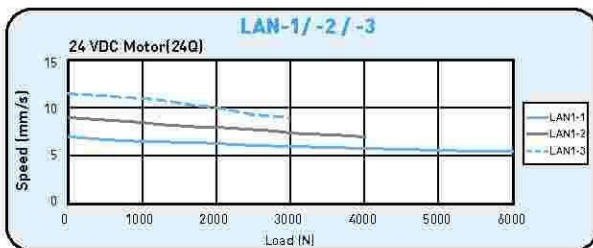


### ● Option

#### 24VDC Motor (24Q)

Model	Thrust max. (N)	Pulling max. (N)	Holding max. (N)	Speed (mm/s)	Standard stroke (mm) : S	Duty cycle %	Max.current (A) 24VDC	Hall Sensor Resolution (mm/pulse)
				Load=Max.Load=0				
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

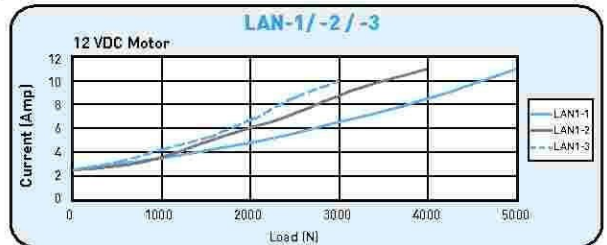
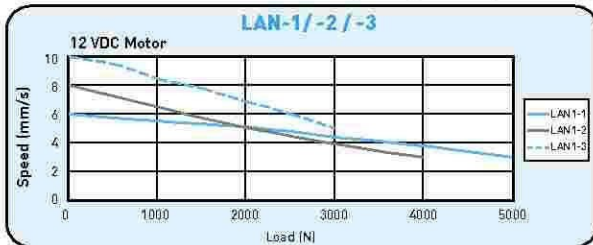
Note: The test results are obtained by using 24VDC power supply.



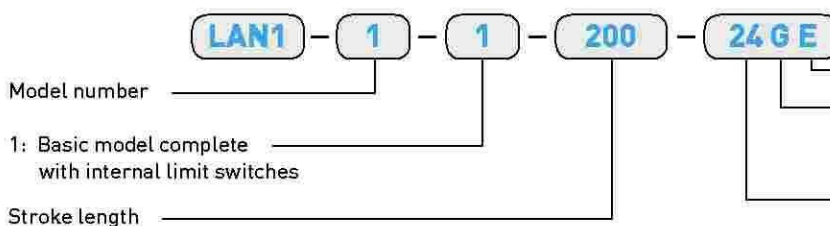
#### 12VDC Motor

Model	Thrust max. (N)	Pulling max. (N)	Holding max. (N)	Speed (mm/s)	Standard stroke (mm) : S	Duty cycle %	Max.current (A) 12VDC	Hall Sensor Resolution (mm/pulse)
				Load=Max.Load=0				
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



Special models according to Client's requirement (Ignore this part of the serial number if not available)

Color  
B : Black  
G : Gray

Voltage  
24 : Standard  
24Q : 24VDC (Quick)  
12 : 12VDC Standard