

8.

HIWIN LAN Series (3)

LAN3



Screw type	ACME
Weight*	5.31kg
Protection	IP54
Compatible controller	LAK4N/LAK6B/LAK2J
Working temp.	+5°C~40°C

* Stroke length 200mm

* Option: (1) IP66

(2) Potentiometer 10K ohm (RL=S+221, S<200mm / RL= S+271, S:200~500mm)

* The max. stroke lengths with potentiometer: LAN3-1 Max.250mm, LAN3-2 Max.330mm, LAN3-3 Max.420mm

(3) Mechanical Spline (RL=S+252, S<200mm / RL= S+302, S:200~500mm)

(4) Safety Nut (RL=S+222, S<200mm / RL= S+272, S:200~500mm);

Safety Nut+Mechanical Spline (RL=S+259, S<200mm / RL=S+309, S=200~500mm)

(5) Mechanical quick release

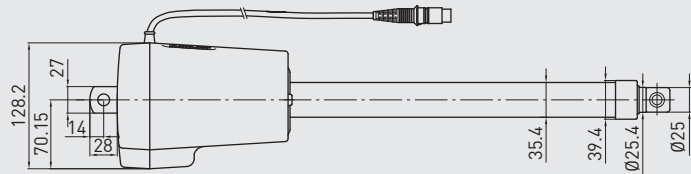
(6) Back fixture turned 90°

(7) Fast motor 24Q

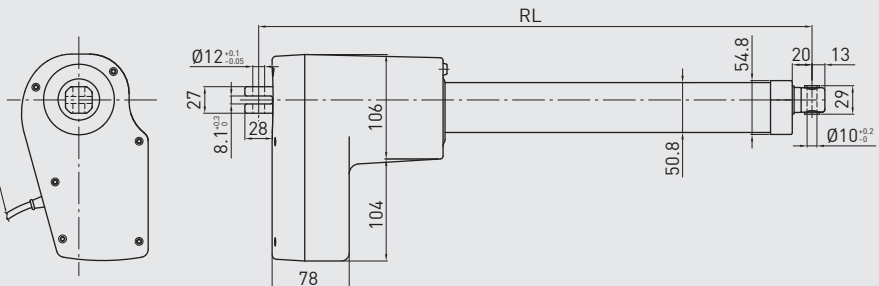
(8) 36VDC motor

(9) External reed switches (RL=S+290, S<200mm / RL=S+340, S=200~500mm)

- RL=S+210
Stroke<200
- RL=S+260
(Stroke:200~500mm)
- RL:Retracted length
- S:Stroke length



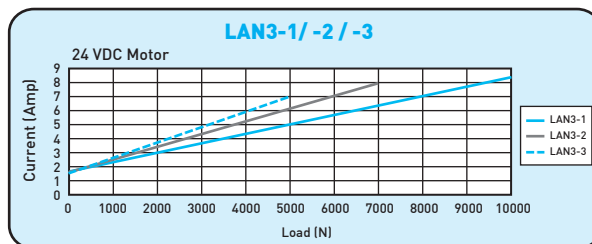
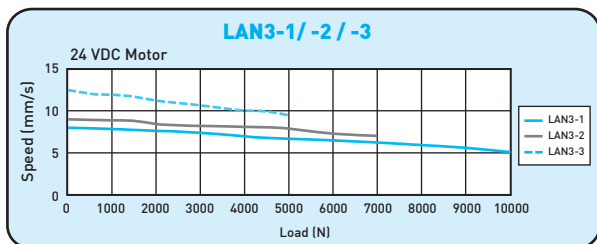
MOTOR CABLE
MOTOR CABLE LENGTH=1000mm
MOTOR CABLE DIAMETER=Ø5.5mm



• LAN3 Specifications

Model	Thrust max. (N)	Pulling max. (N)	Holding max. (N)	Speed (mm/s)		Standard stroke (mm) : S								Duty cycle %	Current max. (A) 24VDC	Potentiometer Resolution (Ohm/mm)	
				Load=Max./Load=0		100	150	200	250	300	350	400	450				500
LAN3-1	10000	6000	10000	5	8	100	150	200	250	300	350	400	-	-	10	8.3	37.5
LAN3-2	7000	6000	7000	7	9	100	150	200	250	300	350	400	450	500	10	8	28
LAN3-3	5000	5000	5000	9.5	12.5	100	150	200	250	300	350	400	450	500	10	7	22.5

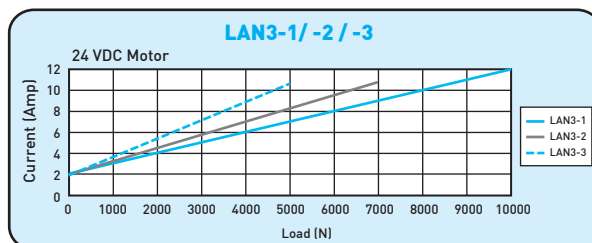
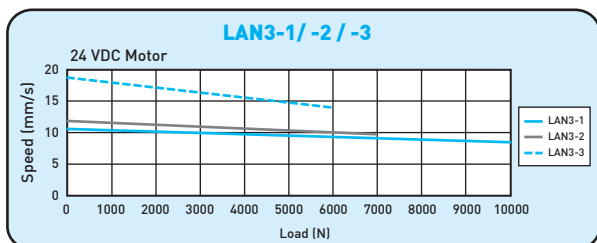
* Stroke over 200mm (included), RL=S+260



**Note: The test results are obtained by using the 24VDC power supply and holding by motor short-circuited.

Fast Motor 24Q

Model	Thrust max. (N)	Pulling max. (N)	Holding max. (N)	Speed (mm/s)		Standard stroke (mm) : S								Duty cycle %	Current max. (A) 24VDC	Potentiometer Resolution (Ohm/mm)	
				Load=Max./Load=0		100	150	200	250	300	350	400	450				500
LAN3-1	10000	6000	10000	8	11	100	150	200	250	300	350	400	-	-	10	12	37.5
LAN3-2	7000	6000	7000	9	13	100	150	200	250	300	350	400	450	500	10	11	28
LAN3-3	5000	5000	5000	13	18	100	150	200	250	300	350	400	450	500	10	11	22.5



**Note: The test results are obtained by using the 24VDC power supply and holding by motor short-circuited.

• Ordering Information

