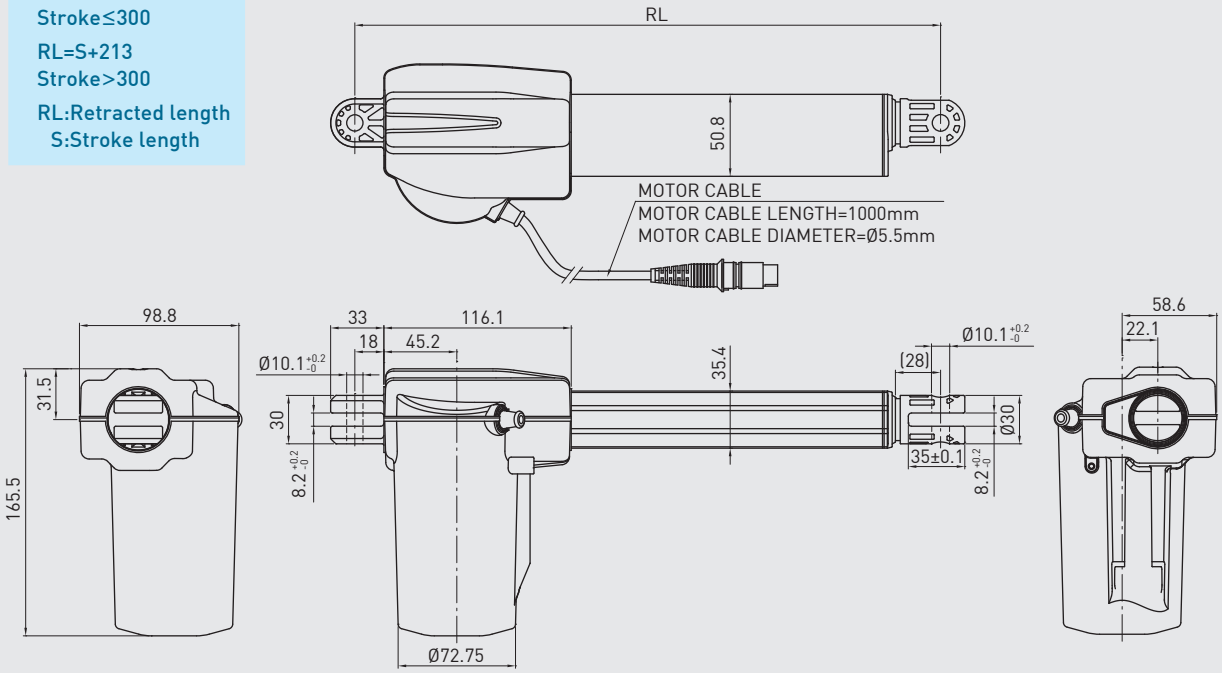
# 8. HIWIN LAN Series (5)

## LAN5

| | |
|---|---|
| Screw type | ACME |
| Weight* | 1.96kg |
| Protection | IP54 |
| Compatible controller | Compatible with all kinds of controller (*Notice the type of connector: Audio/DIN 4PIN) |
| Working temp. | +5°C~40°C |

* Stroke length 200mm
* Option: (1) Hall Sensor
(2) Safety nut
(3) Mechanical Spline (push only)
(4) Back fixture turned 0°, 45°, 90°, 135°
(5) IP65
(6) Back fixture and rodeye hole Ø12.1mm

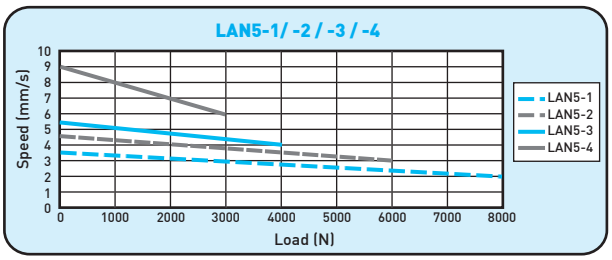
- RL=S+163
  Stroke≤300
  RL=S+213
  Stroke>300
  RL:Retracted length
  S:Stroke length

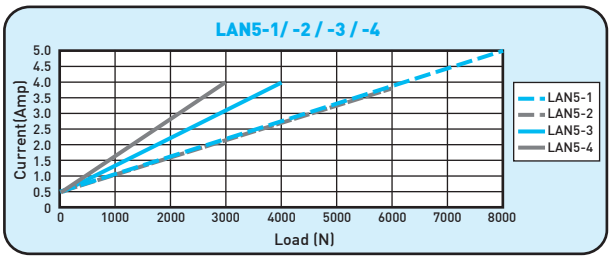


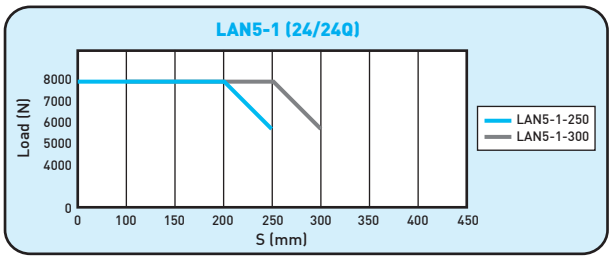
## • LAN5(24V) Specifications

| 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 | Hall Sensor Resolution (mm/pulse) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAN5-1 | 8000 | 4000 | 6000 | 2 | 3.5 | 100 | 150 | 200 | 250 | 300 | 10 | 5 | 0.08 |
| LAN5-2 | 6000 | 4000 | 5000 | 3 | 4.5 | 100 | 150 | 200 | 250 | 300 | 10 | 4 | 0.10 |
| LAN5-3 | 4000 | 3000 | 4000 | 4 | 5.5 | 100 | 150 | 200 | 250 | 300 | 10 | 4 | 0.14 |
| LAN5-4 | 3000 | 2000 | 1500 | 6 | 9 | 100 | 150 | 200 | 250 | 300 | 10 | 4 | 0.22 |

*When the stroke of LAN5-1 is between 250mm and 300mm, refer to the diagram on the right for max. load.



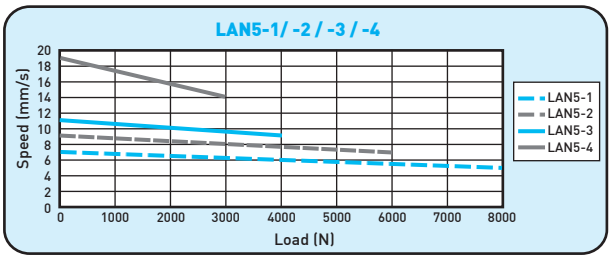



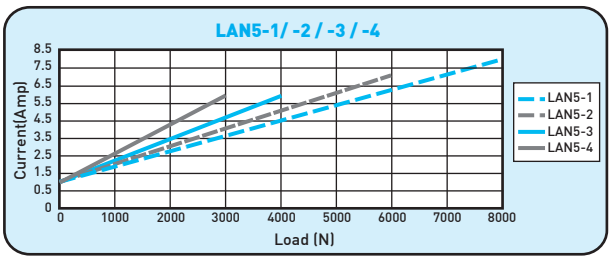

**Note: The test results are obtained by using the 24VDC power supply.

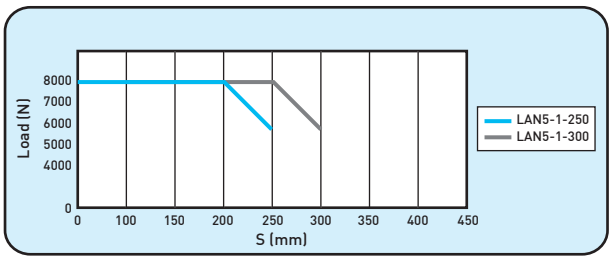
## • LAN5(24Q) Specifications

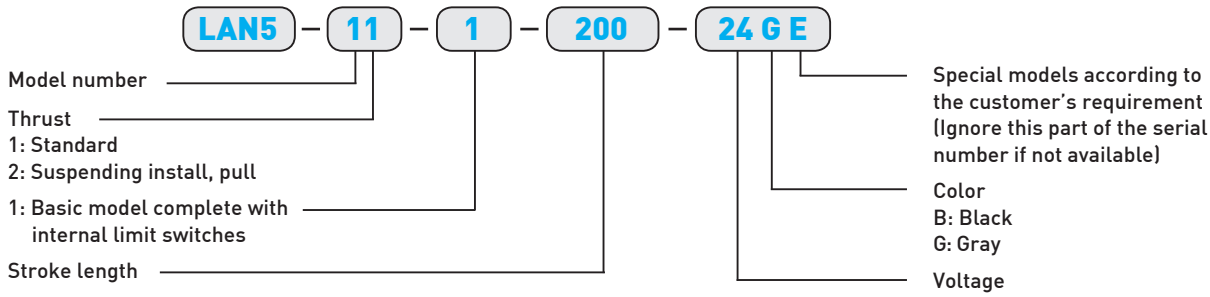
| Model | Thrust max. (N) | Pulling max. (N) | Holding max. (N) | Speed (mm/s) Load=Max./Load=0 | | Standard stroke (mm) : S | | | | | Duty cycle % | Current max. (A) 24VDC | Hall Sensor Resolution (mm/pulse) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LAN5-1 | 8000 | 4000 | 6000 | 5 | 7 | 100 | 150 | 200 | 250 | 300 | 10 | 8 | 0.08 |
| LAN5-2 | 6000 | 4000 | 5000 | 7 | 9 | 100 | 150 | 200 | 250 | 300 | 10 | 7 | 0.10 |
| LAN5-3 | 4000 | 3000 | 4000 | 9 | 11 | 100 | 150 | 200 | 250 | 300 | 10 | 6 | 0.14 |
| LAN5-4 | 3000 | 2000 | 1500 | 14 | 19 | 100 | 150 | 200 | 250 | 300 | 10 | 6 | 0.22 |

*When the stroke of LAN5-1 is between 250mm and 300mm, refer to the diagram on the right for max. load.




## • Ordering Information