

## Specifications

### NKLA110

- \* 24V permanent magnet DC motor
- \* Thrust up to 6000N in push and up to 4000N in pull
- \* Color: Black or Grey
- \* Standard protection class: IP66
- \* Built-in electronic limit switches
- \* High-strength front and back fixtures
- \* Optional: Safety nut, anti pinch function
- \* Duty Cycle: 10%. max 2min. continuous use
- \* Operating Temperature: 0-50°C
- \* Supporting Controller: NKCB18, NKCB24, NKCB63
- \* Aluminium-Alloy outer tube and inner tube, beautiful and corrosion resistant
- \* The average noise level is lower than 45dB (ambient noise is less than 40dB).



## Load and Speed

Spindle(mm)	4	5
Max Load Push(N)	6000	4000
Max Load Pull(N)	4000	3000
Self-Lock(N)	6000	4000
Speed at no Load(mm/s)	5.7	6.8
Speed at Full Load(mm/s)	3.9	5.9
Current at Full Load(A)	4.5	4.3

- \* The above measures are made in connection with 24V DC stabilized voltage supply.
- \* Control boxes are designed so that they will short-circuit the motor terminals (poles) of the actuator(s) when the actuator(s) are not running. This solution gives the actuator(s) a higher self-locking ability. If the actuator(s) are not connected to a control box, the terminals of the motor must be short-circuited to achieve the self-locking ability of the actuator.
- \* When the load in push is above 8000N, the max. stroke length is 250mm.

## Dimensions

