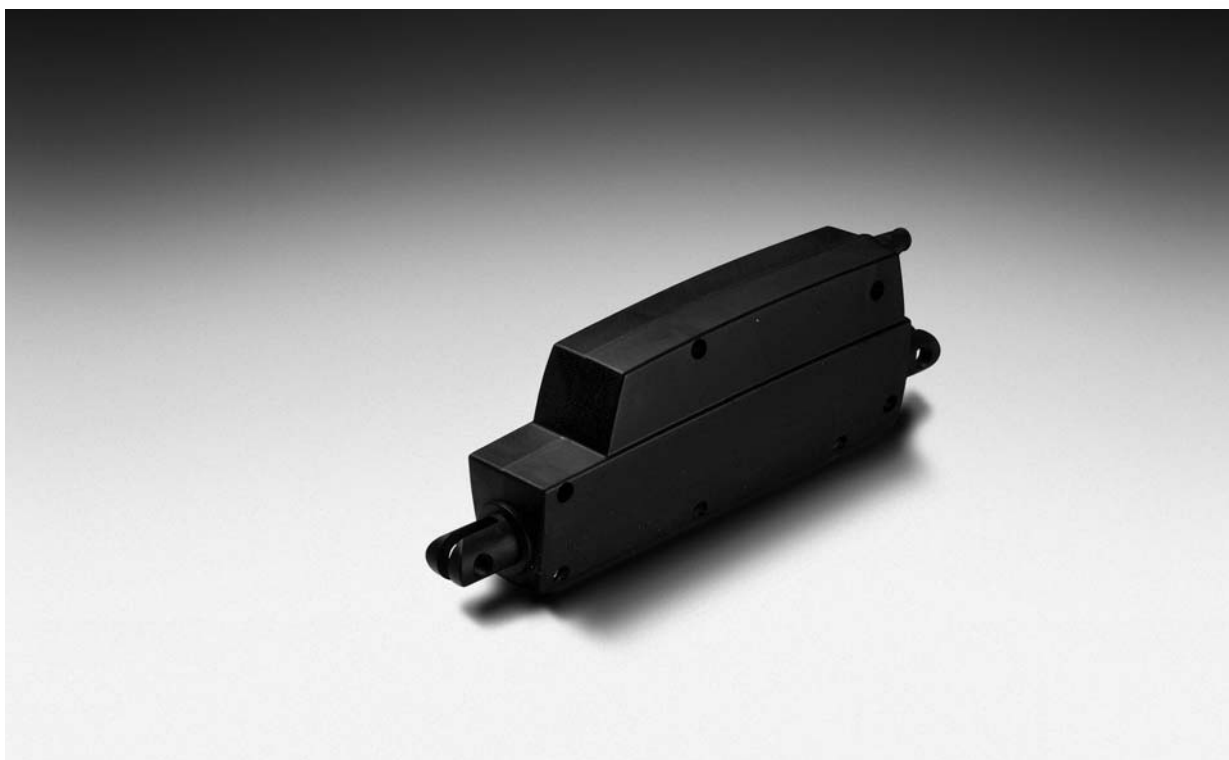


ACTUATOR LA12



LA12: 12/24 V DC. Max. thrust 500 N

Features:

- 12/24 V DC permanent magnetic motor
- Max. thrust 500 N
- Duty cycle up to 20% or max. 12 min./hour at 0-20°C ambient temperature
- Ambient temperature -20° to +40° C.
- Reinforced glass fibre piston rod
- Compact design
- Protection class: IP 51
- Colour: black
- 750 m straight cable without plug
- Back fixture available in 2 different variants: 01 or 02 (factory mounted)
- Built-in limit switches (not adjustable)
- High-strength plastic housing protects motor and gear

Options:

- Reed-switch
- Potentiometer (max. 100 mm stroke length)
- Protection class IP 65 and IP 66

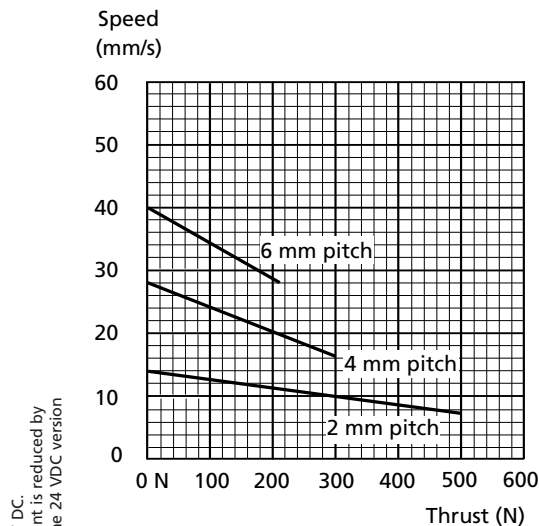
Thanks to the small size and outstanding performance, the LA12 actuator provides a practical and cost-effective alternative to traditional pneumatic systems and gear motor.

The LA12 is ideal for automating industrial and agricultural machines, feeding, ventilation systems troughs and many other applications requiring short linear movement.

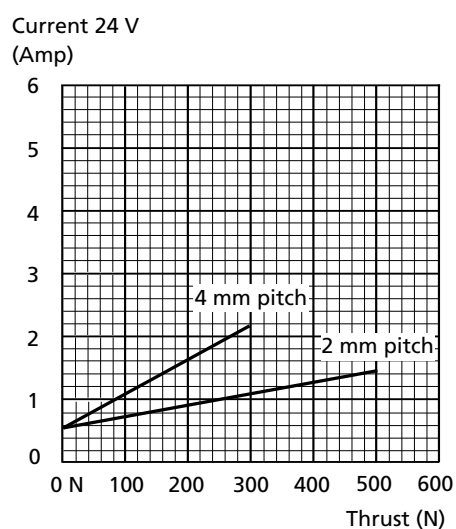
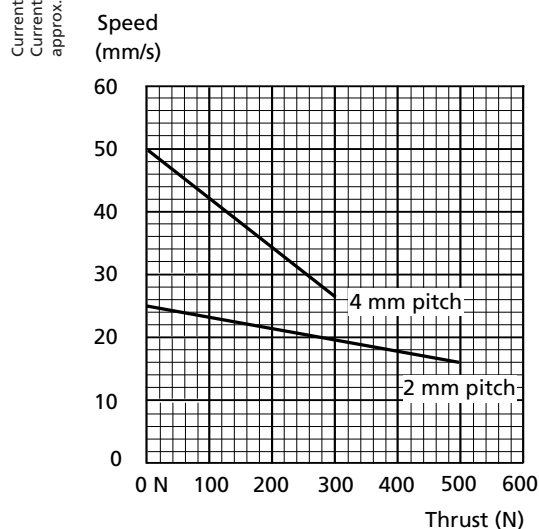
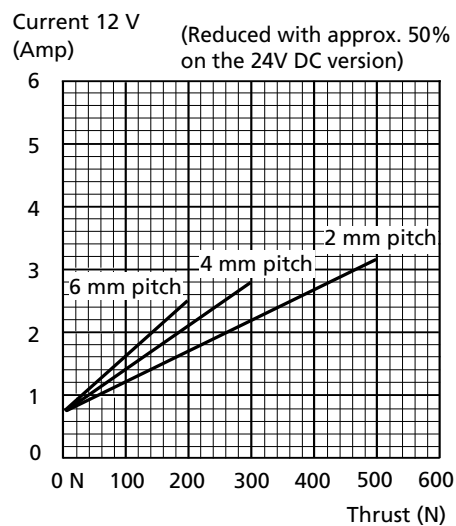
Technical specifications:

New Type	Old Type	Spindle pitch (mm)	Thrust max. [N]	*Self-lock Max. [N]*	Typical Speed 0/full load [mm/s]		Stroke length (in steps of 30 min.)			Typical Amp. At full load (A)	
										24V	12V
12XX00-1XXX12XX	12.1	2	500	500	14	7	40	-	130	-	3.0
12XX00-1XXX24XX	12.1	2	500	500	14	8	40	-	130	1.6	
#12XX00-1XXX24XX	12.1	2	500	500	25	17	40	-	130	1.5	
12XX00-2XXX12XX	12.2	4	300	300	27	16	40	-	130	-	2.5
12XX00-2XXX24XX	12.2	4	300	300	27	16	40	-	130	1.5	
#12XX00-2XXX24XX	12.2	4	300	300	50	27	40	-	130	2.0	
12XX00-3XXX12XA	12.3	6	200	80	40	28	40	-	130		2.2
12XX00-3XXX24XA	12.3	6	200	80	40	28	40	-	130	1.0	

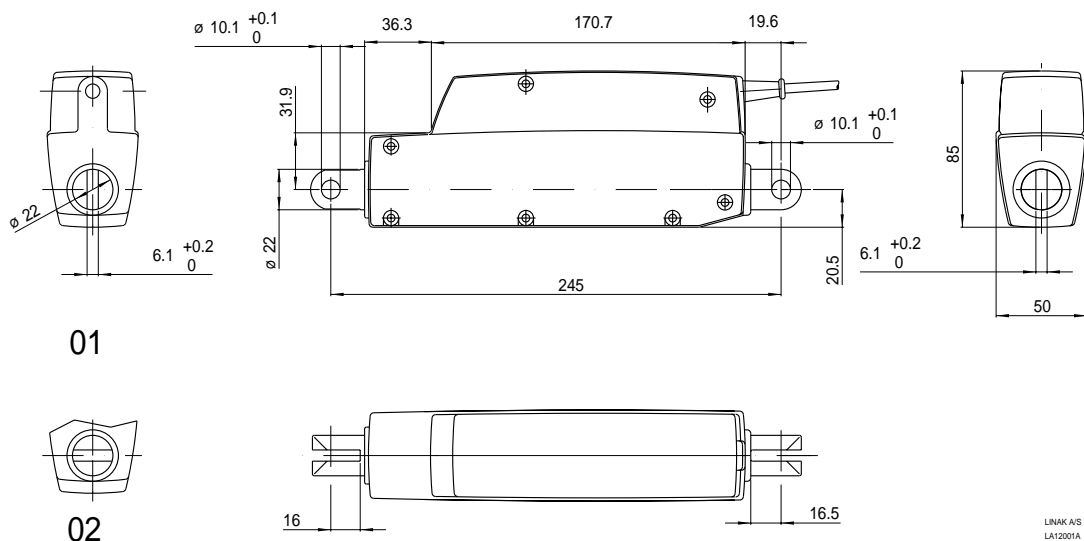
measurement made in connection with a CBD and with an ambient temperature of 20°C
Duty cycle 20%



The above values are average values and made with a stable power supply.



The above values are average values and made in connection with a CBD and an ambient temperature of 20°C.



LINK A/S
LA12001A

LA12

Ordering example:

12 2 M 00 1 100 24 0 4

Cable:

Without reed:

0 = Black straight 0,75 mm (2-core)
1 = Jack black straight 2,3 mm (2-core)

With reed:

2 = Stereo Jack black straight 2,3 mm
3 = Black straight 0,75 mm
4 = Black straight 0,75 mm
A = DESKLINE cable 2,3 mm
C = DESKLINE cable 1,8 mm
E = DESKLINE cable 0,93 mm

With potentiometer:

0 = 5-core black straight 0,93 mm

IP version:

0 = IP51
1 = IP65
2 = IP66

Motor:

12 = 12 V DC
24 = 24 V DC

Stroke length:

Spindle type:

1 = 2 mm pitch
2 = 4 mm pitch
3 = 6 mm pitch

0 0

Not used

Positioning:

0 = none
R = Reed switch (3-core) 4 pulses per rev.
M = Reed switch (4-core) 4 pulses per rev.
P = Potentiometer (5-core)
D = Reed switch for DESKLINE cable - 2 pulses per rev.
T = Reed switch (3-core) 10 pulses per rev.
E = Reed switch (4-core) 10 pulses per rev.

Back fixture type: 1 = 01 2 = 02

Actuator type: LA12



Specifications subject to change without prior notice.
It is the responsibility of the product user to determine the suitability of LINAK A/S products for a specific application. LINAK will at point of delivery replace/repair defective products covered by the warranty if promptly returned to the factory. No liability is assumed beyond such replacement/repair.