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Find the *Linak LA 22.5E-100-24* at our website: ***Click HERE***

TECHLINE® IMPROVING FLEXIBILITY MEDLINE® IMPROVING EFFICIENCY CARELINE® IMPROVING EFFICIENCY



Actuator LA22
Data sheet

LINAK.COM/TECHLINE
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LA22

LA22 is an in-line actuator specially designed with a small overall dimension for easy use in industrial, agricultural and rehabilitation products.

Thanks to its small outer dimensions and linear design, LA22 is well suited for applications where installation space is limited, such as on wheelchairs.



Features:
- 12/24 V DC permanent magnet motor
- Max. thrust 400 N (300 N in 12V)
- Stainless steel piston rod and piston rod eye made of reinforced plastic.
- Duty cycle: Max. 10% or 2 min. in use followed by 18 min. not in use.
- Ambient temperature +5° to +40° C
- Compact construction/design
- Protection class: IP51
- Colour: black
- 1.0 m straight cable without plug (no cable with IP51)
- Speed max. 37 mm/s
- Extremely quiet operation
- Max. stroke length 200 mm
- Storage temperature: - 40° to + 70° C

Options:
- Protection class: IP65 (only back fixture D and E)

Usage:
- Should LA22 be used with a non LINAK control unit, please ask the nearest LINAK representative for further details.

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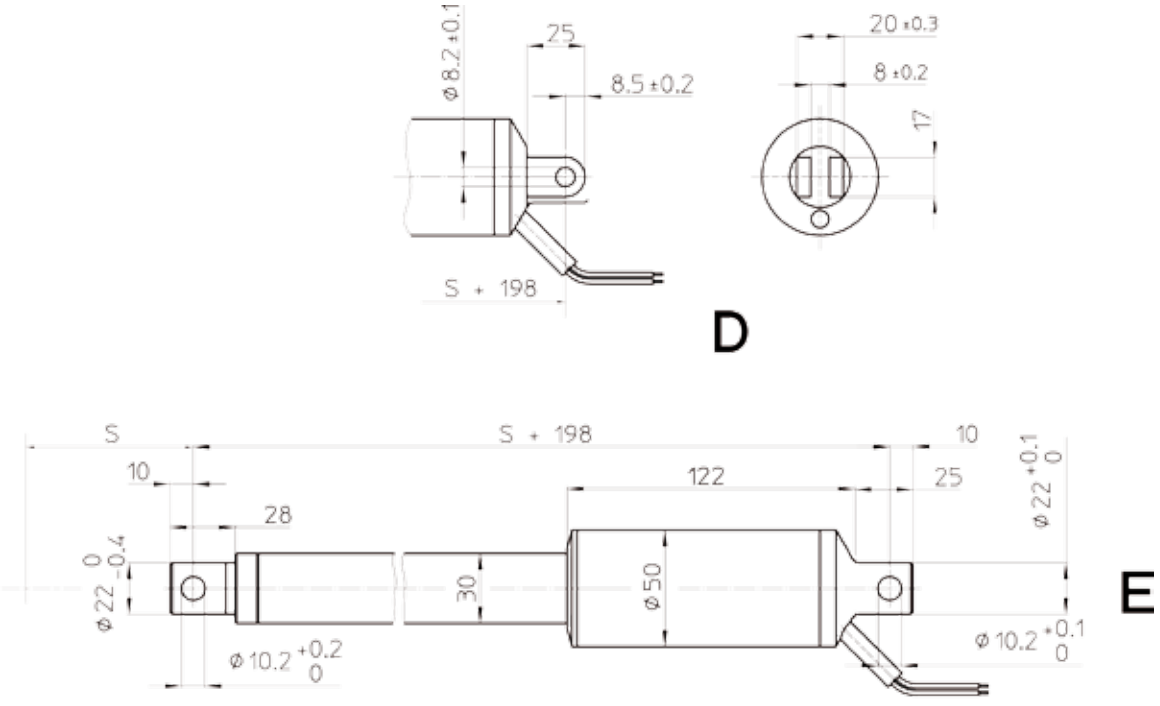
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Technical specifications:

Type	Thrust max. Push (N)	Self-lock max. Push (N)	Thrust max. Pull (N)	Self-lock max. Pull (N)	Typical speed (mm/s) 0/full load*		Stroke length (mm)				Duty cycle (%)	Typical amp. at full load (A)	
												12V	24V
1 mm pitch	300	300	-	-	37	17.5	50	100	150	200	10	4.5	2.1
0,8 mm pitch	400	400	-	-	27	13.5	50	100	150	200	10	-	2.5
0,8 mm pitch	300	300	-	-	27	17	50	100	150	200	10	4.5	-

- LINAK 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 give the actuator(s) a higher self-locking ability. If the actuator(s) are not connected to a LINAK control box, the terminals of the motor must be short-circuited to give a higher selflocking ability.
- The above figures are with an ambient temperature of 20°C.
- There is no "pull" test data available at the present time, for more information please contact LINAK A/S.

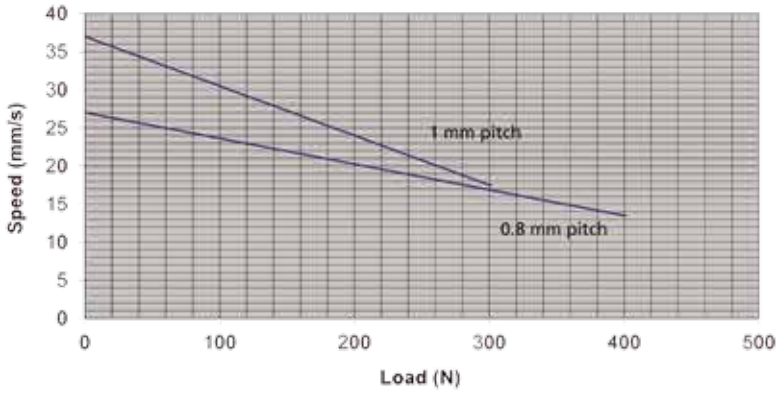
Dimensions:



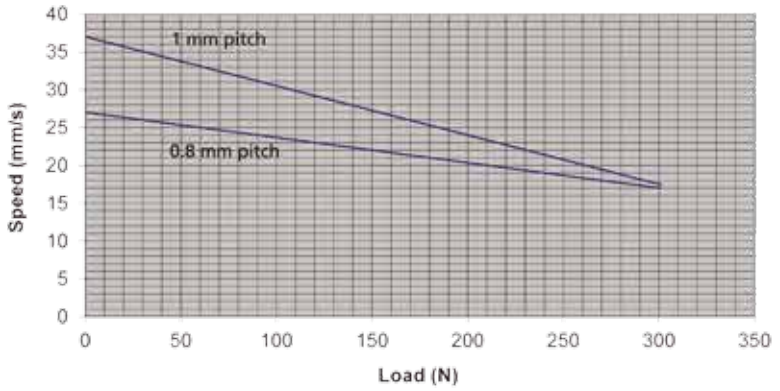
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Graph:

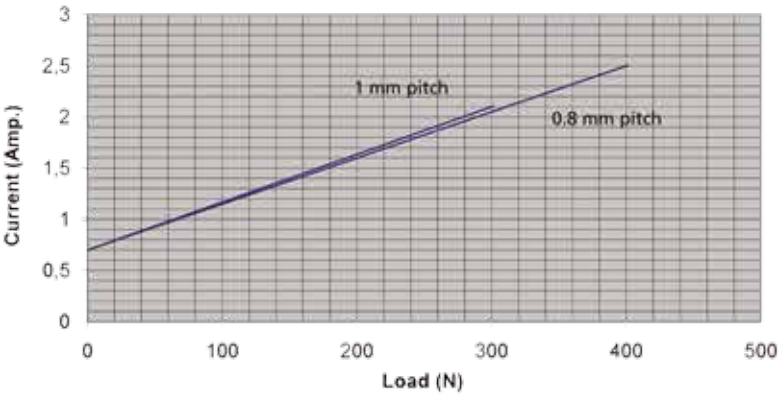
LA22 24V motor speed v´s load



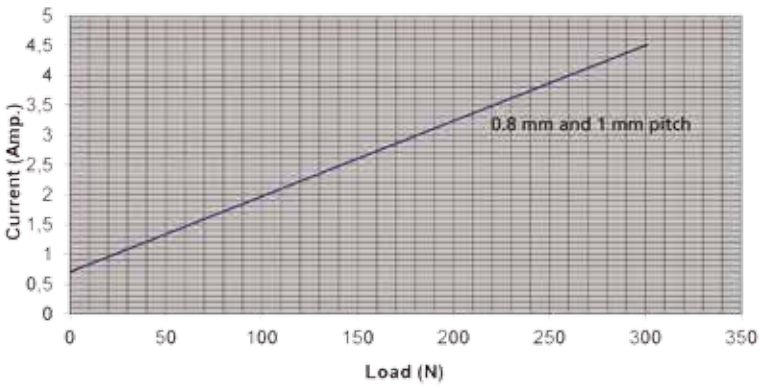
LA22 12V motor - Speed v's Load



LA22 24V motor Current v´s Load



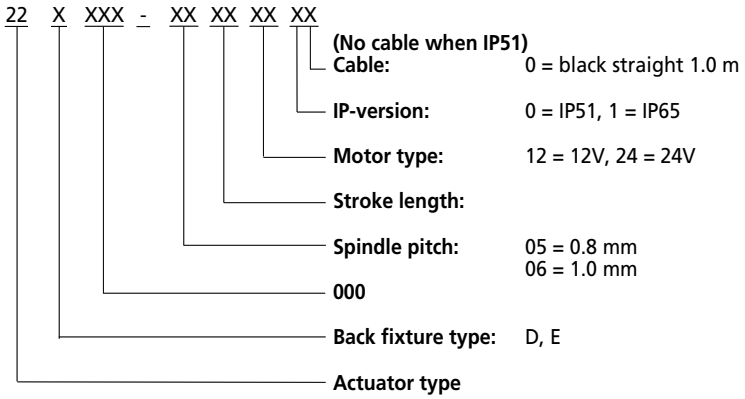
LA22 12V motor Current v´s Load

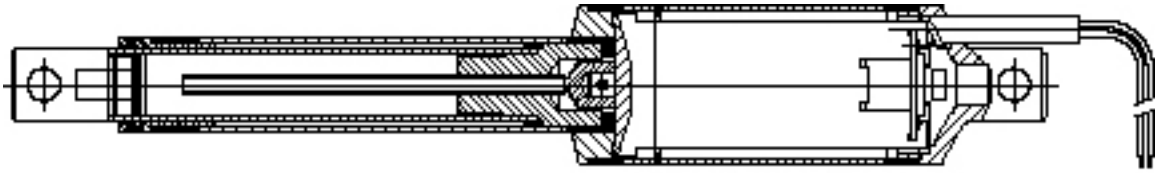


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LA22

Ordering example:





Accessories

- CS16: electric limit switch, trips out the current to the actuator in the end position
- Possibility of connecting a handset to the CS16
- LS/LSD: limit switch, to be mounted on the actuator

Other information

- LA22 dB (A) 50; measuring method DS/EN ISO 3743-1, actuator not loaded

THE CURRENT SUPPLY TO LINEAR ACTUATORS MUST BE CUT OFF IN CASE OF OVERLOAD AND WHEN THE ACTUATORS REACH END POSITION.

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