

MANAK-LAB27

MINIATURE LINEAR DC ACTUATORS

Small motor actuator with ACME screws, built-in Micro switch and an internal diode, can automatically stop and enables the change of direction by simply reversing the applied voltage polarity. stroke length can be customized. switches are not made to be adjustable. Inversely proportional to the speed and power.

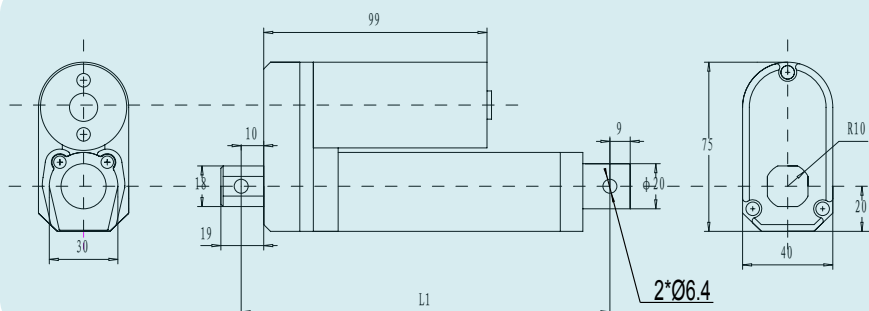
MECHANICAL DATA

- Operating temperature -26°C~+65°C
- Aluminium outer tube and stroke rod
- Protection IP54 or IP65
- 12 or 24 or 36 or 48VDC
- Preset limit switches
- Metal Gear rolling
- Aluminium alloy housing
- Low price
- Robust

FORCE DATA

- Max load 1500N
- Duty cycle 20% (High-speed linear 10%)
- Max static force 3000N
- Life time 50 000 complete cycles

DIMENSIONAL DRAWING

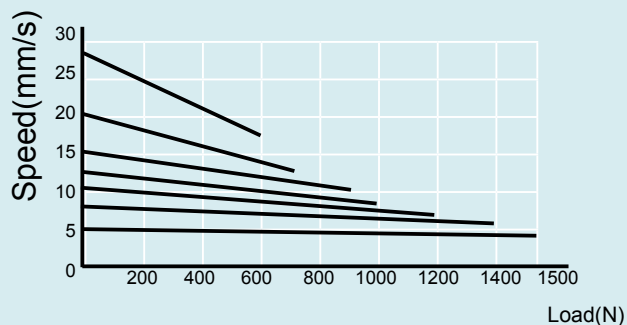


L1=retracted length

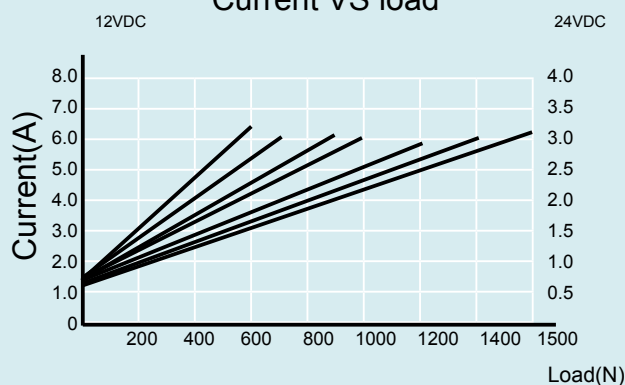
Stroke(±2 mm)	50	100	150	200	250	300	400	500	600
Retracted length (L1)(±2 mm)	155	205	255	305	355	405	505	605	705
Weight (kg)	0.81	0.89	0.98	1.05	1.16	1.24	1.25	1.30	1.70

PERFORMANCE DIAGRAMS

Speed VS load



Current VS load



HOW TO ORDER

MANAK	-	LAB27	-	10	.	4	.	150	-	24	-	MR
Company		Type		Stroke(cm)		Speed(mm/s)		Load(Kgf)		Voltage(V DC)		Special requirements
				5...70cm		4...27mm/s		60...150Kgf		12...48V DC		M: Internal micro switch R: Anti-rotation

