

MANAK-LAB25E

MINIATURE LINEAR DC ACTUATORS

This type of lightweight and compact electric linear actuator, made of aluminium, takes DC motor element and gear reduction element and internal micro switch to make the stroke stop automatically after it ends. This model adds an encoder to the original model of HF-TGA. Internal chip of encoder processes electric signal could recognize the stretching direction depending on its internal multiple photoelectric sensors and realize the visualization and controllable of stroke.

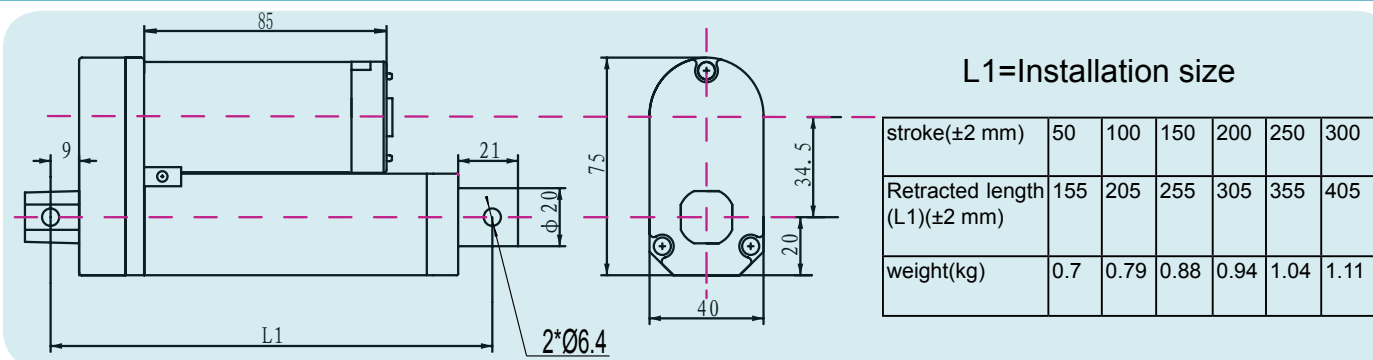
Mechanical character

- Ambient temperature: -20°C~+65°C
- Aluminium outer tube and pushrod
- IP Grade: IP54 or IP65
- Input voltage: 12, 24, 36, 48VDC
- external encoder: feedbacking process of stroke
- Powder metallurgy gear

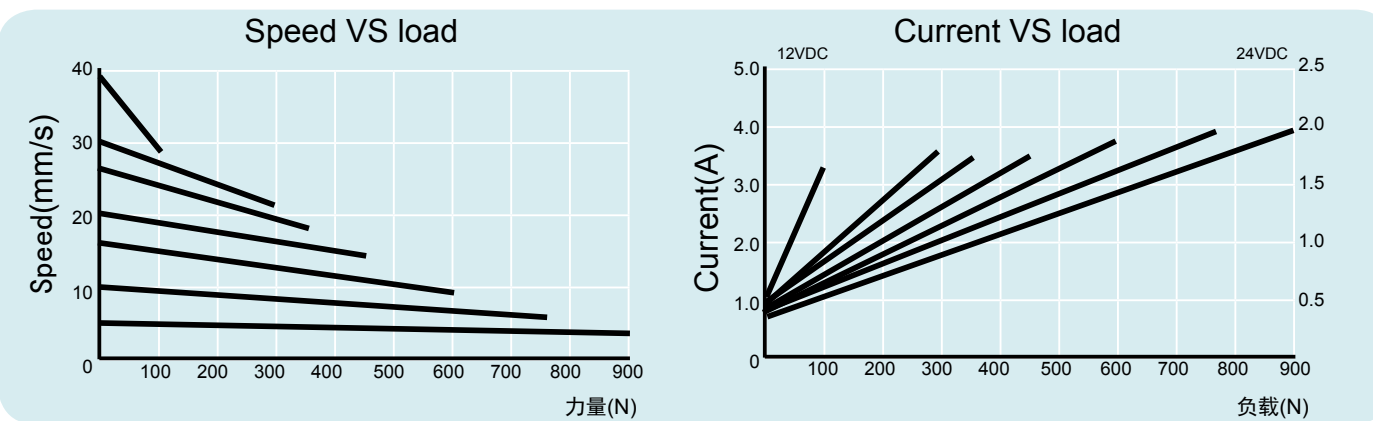
Force data

- Max load force: 900N
- Duty cycle: 20% (High-speed condition: 10%)
- Max static load force: 2300N
- working life: 50000 complete cycles

DIMENSIONAL DRAWING



PERFORMANCE DIAGRAMS



HOW TO ORDER

MANAK - LAB25E - 10 . 5 . 100 - 24 - MR

Company | Type | Stroke(cm) 5...30cm | Speed(mm/s) 5...40mm/s | Load(Kgf) 10...100Kgf | Voltage(V DC) 12...48V DC | Special requirements M: Internal micro switch R: Anti-rotation