

HF-TGA-Y

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 chips of the encoder process the electric signal to recognize the stretching direction depending on its internal multiple photoelectric sensors and realize the visualization and controllability of the stroke.

Mechanical character

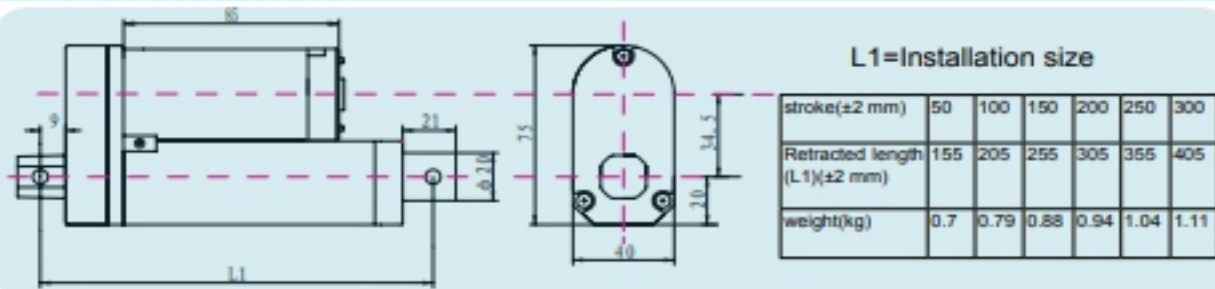
- Ambient temperature: -20°C~+65°C
- Aluminium outer tube and pushrod
- IP Grade: IP54 or IP65
- Input voltage: 12, 24, 36, 48VDC
- external encoder: feedbacking process of stroke
- Powder metallurgy gear

Force data

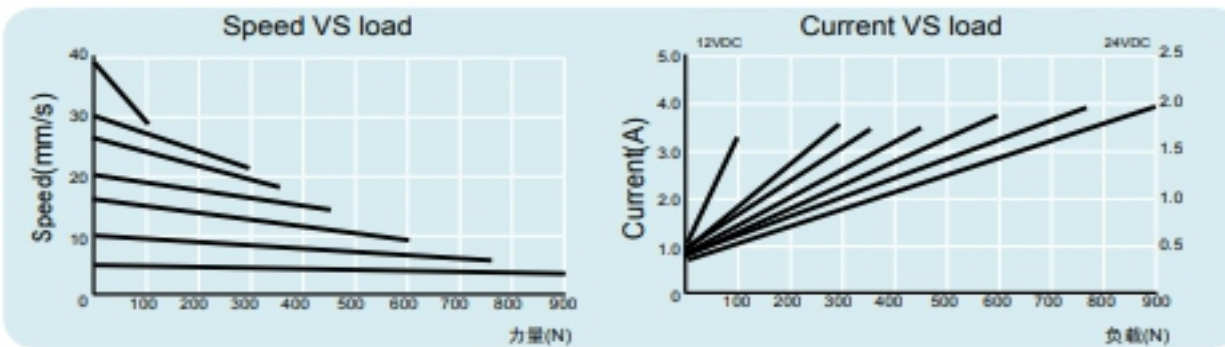
- Max load force: 900N
- Duty cycle: 20% (High-speed condition: 10%)
- Max static load force: 2300N
- working life: 50000 complete cycles



DIMENSIONAL DRAWING



PERFORMANCE DIAGRAMS



HOW TO ORDER

HF	-	TGA-Y	-	100	-	24	-	10	-	205	-	IP54	-	E
Company		Type		Stroke 50mm 100mm 150mm ...		Voltage 12V DC 24V DC 36V DC 48V DC		Speed 5mm/s 10mm/s 15mm/s 20mm/s 25mm/s 30mm/s 40mm/s		retracted length		Protection IP54 IP65		Special requirement special demand from customers

