

TGA-A-DW

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. position feedback is possible

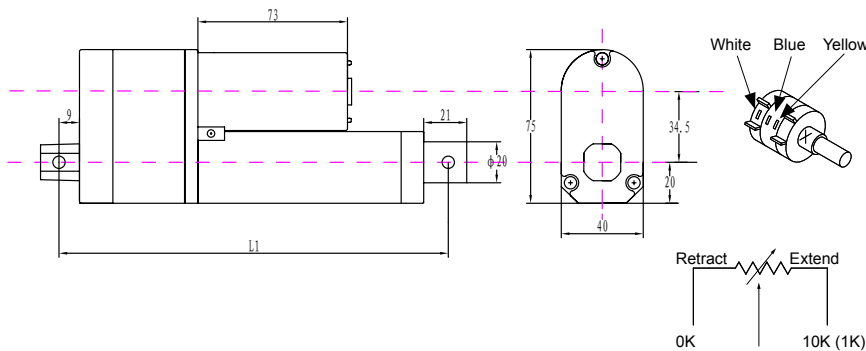
MECHANICAL DATA

- Operating temperature -26°C~+65°C
- Aluminium outer tube and stroke rod
- Protection IP54 or IP65
- 12 or 24 or 36 48VDC
- Preset limit switches
- Metal Gear rolling
- Potentiometer: 1K, 5K, 10K
- 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

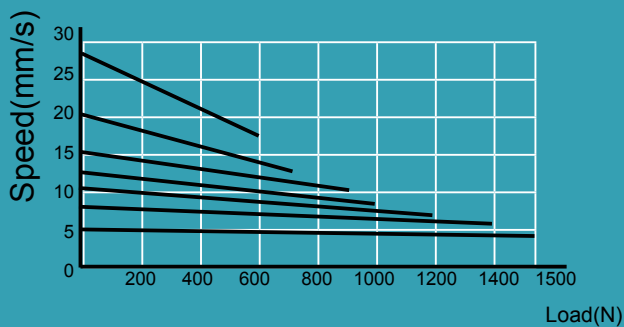


L1=retracted length

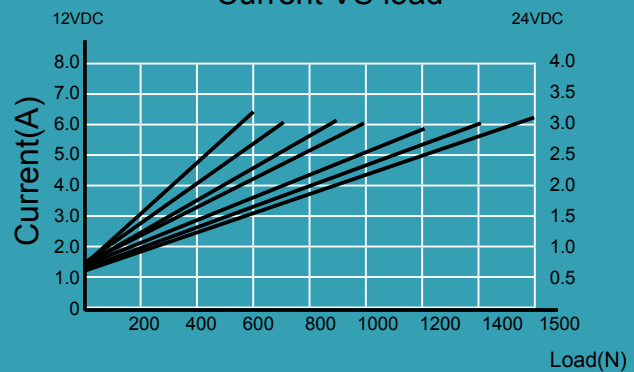
Stroke(±2 mm)	50	100	150	200	250	300
Retracted length (L1)(±2 mm)	190	240	290	240	390	440
Weight (kg)	0.85	0.95	1.04	1.10	1.19	1.26

PERFORMANCE DIAGRAMS

Speed VS load



Current VS load



HOW TO ORDER

TGA -A-DW - 100 - 24 - 10 - 240 - IP54 - 10 - E

Type

Stroke

Voltage

Speed

retracted length

Protection

Potentiometer

Special requirements

50mm
100mm
150mm
...

12V DC
24V DC
36V DC
48V DC

5mm/s
10mm/s
15mm/s
20mm/s
24mm/s
29mm/s
40mm/s

IP54
IP65

1K
5K
10K

Other requirements
of customers