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ACTUONIX - MINIATURE LINEAR ACTUATOR T16

T16-300-256-12-P
12V, 300mm stroke, up to 300N force with potentiometer



- Up to 300N force
- Up to 46mm/s speed
- From 100mm to 300mm stroke
- 12v dc with potentiometer or limit switches
- Sliding mount track actuator

PRODUCT DESCRIPTION

The T16 actuators are complete, self-contained linear motion devices with position feedback for sophisticated position control capabilities, or end of stroke limit switches for simple two position automation. Several gear ratios are available to give you varied speed/force configurations.

The track design makes the T16 significantly shorter than the same stroke length P16, since instead of an extending shaft, a sliding mount is provided. The sliding mount also significantly increases the maximum side load specification.

Premium components in this model include: large sealed stainless steel bearings, planetary gearbox, stainless steel lead screw, and glass re-enforced nylon housing.

TECHNICAL DATA

Back drive force	500 N
Duty cycle	20 %
IP class	IP54
Nominal speed, no load	4.8 mm/s
Ratio	256:1
Sound level	62 dB
Static load max	300 N
Stroke	300 mm
Supply voltage	12 V DC
Temperature operational max	50 °C
Temperature operational min	-10 °C

T16-SS-GG-VV-C

Feature	*Options*
SS: Stroke	**100, 200, 300** (mm)
GG: Gear reduction ratio (refer to load curves above)	**22**, **64**, **256** :1 (lower ratios are faster but push less force, and vice versa)
VV: Voltage	**12** Volts DC
C: Controller	**P** Potentiometer Feedback **S** Limit Switches

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