

# A-Track | 2

## DC Motor Acme Screw

Up to 500 lbs. Rated Load

Up to 1.0 in./sec. Travel Speed



### Features

- Sealed and gasketed for mobile or outdoor applications
- Overload clutch standard
- 4, 6, 8, 12, 18 and 24 inch stroke lengths
- 12 or 24 volt DC motors
- Acme screw drive
- Thermal overload included in double ball bearing motor.

### Typical Applications

- Gate and valve positioning
- Tailgate lifts
- Mobile equipment spout positioning control

### General Purpose DC Actuator

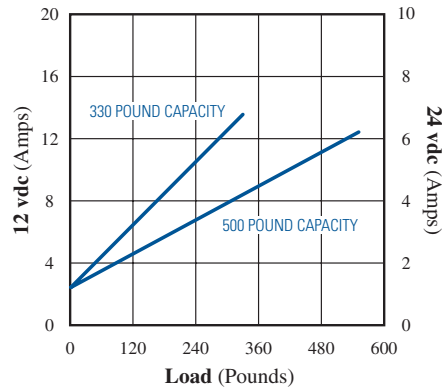
The A-Track 2 incorporates an Acme screw drive system that provides a value priced unit for moderate duty applications. The A-Track 2 includes lubrication for the life of the unit, combined with robust seal and O-ring design, creating a maintenance free design, even when used in applications with high humidity or dust.

### Specifications

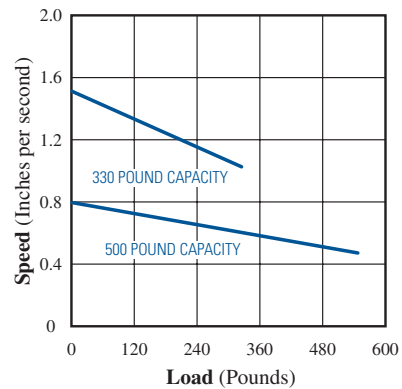
<b>Load Capacity</b>	330 pounds	500 pounds
<b>Speed at Full Load</b>	1.0 in/sec	0.50 in/sec
<b>Input Voltage</b>	12 or 24 volt for all models	
<b>Static Load Capacity</b>	1000 pounds for all models	
<b>Stroke Length</b>	4, 6, 8, 12, 18 and 24 inches for all models	
<b>Clevis Ends</b>	13 mm diameter	
<b>Duty Cycle</b>	25% for all models	
<b>Operation Temperature Range</b>	-15° F to +150° F for all models	
<b>Limit Switch</b>	Optional adjustable travel limit switches (20:1 only) (500 lb.)	
<b>Potentiometer</b>	Optional feedback potentiometer	
<b>Restraining Torque</b>	100 inch pounds	
<b>Thermal Overload</b>	Thermal overload included in all motors	

## Performance Curves

### Current vs Load



### Speed vs Load



## Dimensions

### With Limit Switches

A-Track 2	Stroke	4		6		8		12		18		24	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
	A	13.31	338	15.31	389	17.13	435	21.26	540	30.39	772	36.38	924
	B	4.01	102	6.02	153	7.99	203	12.0	305	17.99	457	24.01	610

### Without Limit Switches

A-Track 2	Stroke	4		6		8		12		18		24	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
	A	10.3	262	12.32	313	14.33	364	18.31	465	27.40	696	33.39	848
	B	4.01	102	6.02	153	7.99	203	12.00	305	17.99	457	24.01	610

