

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

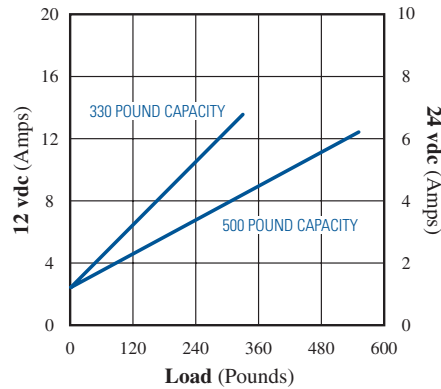
The A-Track 2 incorporates an Acme screw drive system that provides a value priced unit for moderate duty applications. The A-Track 2 includes lubrication for the life of the unit, combined with robust seal and O-ring design, creating a maintenance free design, even when used in applications with high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

Specifications

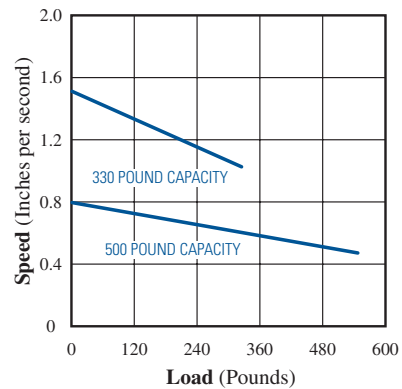
Load Capacity	330 pounds	500 pounds
Speed at Full Load	1.0 in/sec	0.50 in/sec
Input Voltage	12 or 24 volt for all models	
Static Load Capacity	1000 pounds for all models	
Stroke Length	4, 6, 8, 12, 18 and 24 inches for all models	
Clevis Ends	13 mm diameter	
Duty Cycle	25% for all models	
Operation Temperature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

