

# A-Track | 10

## DC Motor Ball Screw

Up to 1300 lbs. Rated Load

Up to 1.35 in./sec. Travel Speed



### Features

- Efficient ball screw drive system
- Load holding brake standard
- Overload clutch standard
- 4 to 24 inch stroke lengths
- Thermal overload incorporated into the motor

### Typical Applications

- Heavy duty platform lifts
- Deck and implement lifts for tractors and mobile applications
- Wheelchair and scooter lifts
- Bin and tank cover lifts

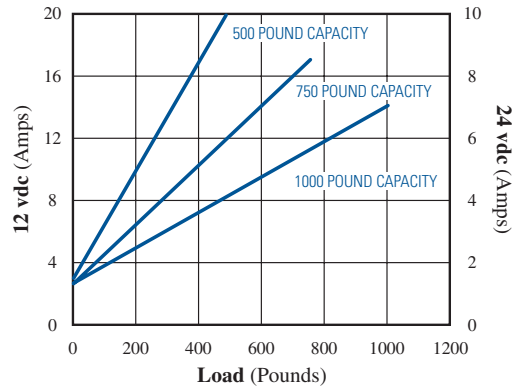
The A-Track 10 actuator is a DC motor driven, ball screw design suitable for applications requiring high load capacity. The A-Track 10 incorporates seals and O-rings to provide protection when used in outdoor, mobile or ambient contamination environments. This unit includes an integral load holding brake to provide stationary load holding while still providing the efficiency of a ball screw design actuator. The Model 10 provides load capacities up to 1300 pounds with stroke lengths to 24 inches.

### Specifications

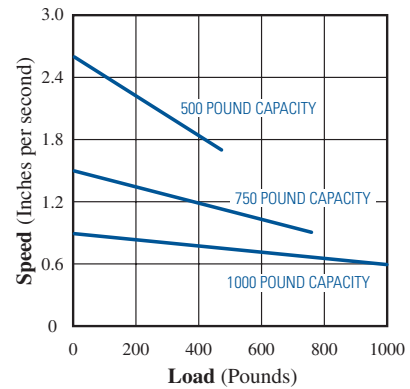
<b>Load Capacity</b>	500 pounds	750 pounds	1300 pounds
<b>Speed at Full Load</b>	1.35 in/sec	0.85 in/sec	0.51 in/sec
<b>Input Voltage</b>	12 or 24 volt DC for all models		
<b>Static Load Capacity</b>	3000 pounds for all models		
<b>Stroke Length</b>	4, 6, 8, 12, 18 and 24 inches for all models		
<b>Clevis Ends</b>	.51 in. / 13mm		
<b>Duty Cycle</b>	25%		
<b>Operation Temperature Range</b>	-15° F to +150° F for all models		
<b>Limit Switch</b>	Optional for all models (20:1 only) (1000 lbs.)		
<b>Potentiometer</b>	Optional for all models		
<b>Restraining Torque</b>	100 in. lbs.		
<b>Thermal Overload</b>	Overload clutch and motor thermal overload for all models		

## Performance Curves

### Current vs Load



### Speed vs Load



## Dimensions

### With Limit Switches

A-Track 10	Stroke	4		6		8		12		18		24	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
	A	14.88	378	16.89	429	18.86	479	22.83	580	31.89	810	37.87	962
	B	3.86	98	5.90	150	7.91	201	11.89	302	17.99	457	24.01	610

### Without Limit Switches

A-Track 10	Stroke	4		6		8		12		18		24	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
	A	11.89	302	13.90	353	15.90	404	19.88	505	28.94	735	34.92	887
	B	3.86	98	5.90	150	7.91	201	11.89	302	17.99	457	24.01	610

