

# A-Track | 5

## AC Motor Acme Screw

Up to 500 lbs. Rated Load

Up to 0.98 in./sec. Travel Speed



### Features

- Acme screw drive system
- 115 volt AC (60hz) and 230 volt AC (50hz) motors available
- 4, 6, 8, 12, 18 and 24 inch strokes
- Acme screw drive train
- Overload clutch standard
- Lubricated for life
- Capacitor included with motor

### Typical Applications

- Ergonomic lift tables
- Conveyor diverters
- Bin/tank cover lifts
- Roof vents

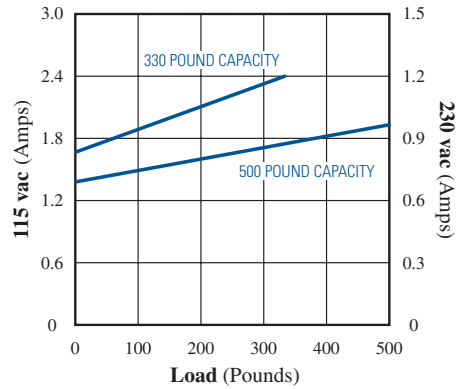
The A-Track 5 Acme screw actuator is a general purpose AC actuator with load capacities of 330 and 500 pounds for use in moderate duty interior applications. The unit includes a power off motor stopping brake for faster stops and extra load holding capability. The Model 5 allows for stroke lengths of 4 to 24 inches for in-plant or protected applications.

### Specifications

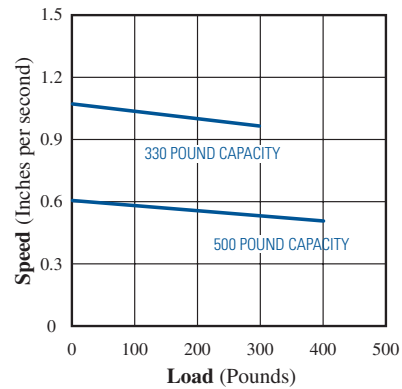
<b>Load Capacity</b>	330 pounds	500 pounds
<b>Speed at Full Load</b>	0.98 in/sec	0.55 in/sec
<b>Input Voltage</b>	115 vac (60hz) and 230 vac (50hz) for both models	
<b>Static Load Capacity</b>	1000 pounds for all models	
<b>Stroke Length</b>	4, 6, 8, 12, 18 and 24 inches for all models	
<b>Clevis Ends</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



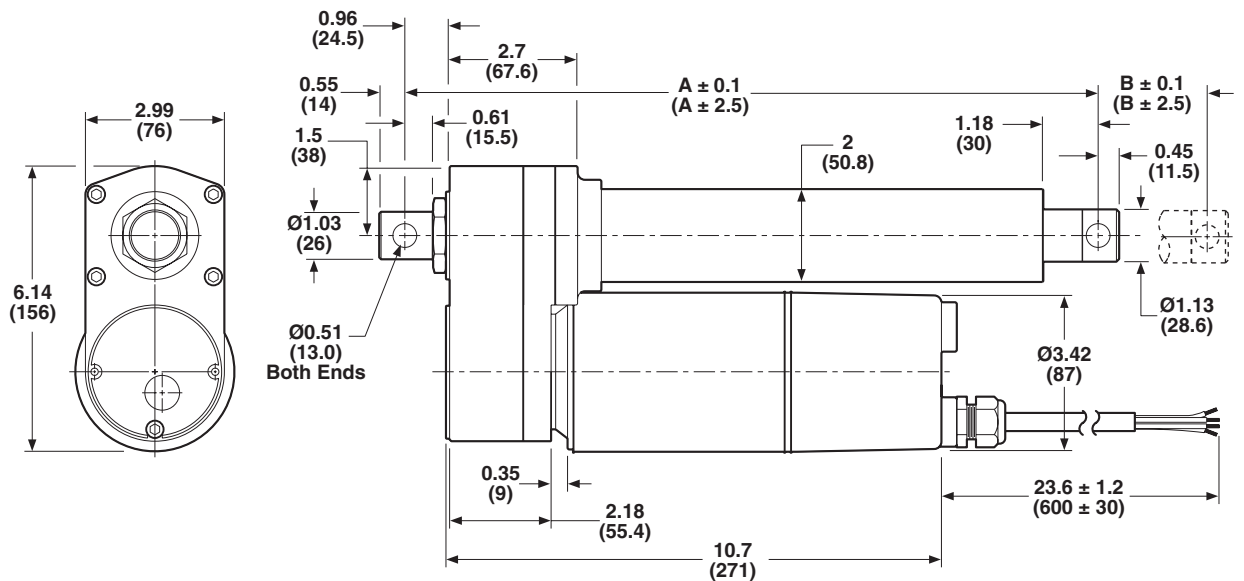
## Dimensions

### With Limit Switches

A-Track 5 Acme	Stroke	4		6		8		12		18		24	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
A	A	17.95	456	19.92	506	21.89	556	25.91	658	31.89	810	37.87	962
B	B	4.01	102	6.02	153	7.99	203	12.00	305	17.99	457	24.01	610

### Without Limit Switches

A-Track 5 Acme	Stroke	4		6		8		12		18		24	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
A	A	14.96	380	16.97	431	18.94	481	22.95	583	28.94	735	34.92	887
B	B	4.01	102	6.02	153	7.99	203	12.00	305	17.99	457	24.01	610



# A-Track | 5

## AC Motor Ball Screw

Up to 1300 lbs. Rated Load

Up to 1.89 in./sec. Travel Speed



### Features

- Ball bearing screw drive system
- Anti-coast load holding brake
- 4–24 inch stroke length capability
- Load limiting clutch standard
- Thermal overload protection in the motor
- Capacitor included in motor

### Typical Applications

- Ergonomic lift tables
- Conveyor diverters
- Bin or tank cover lifts
- Die transfer carts

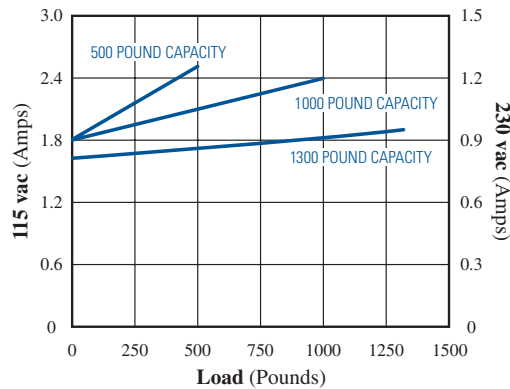
The A-Track 5 Ball Screw is a ball screw drive linear actuator for industrial and commercial applications. The unit provides load capacity up to 1300 pounds with either 115 volt or 230 volt AC motors. This unit includes a power off load holding brake which stops the motor from turning when power is off. The Model 5 allows for stroke lengths of 4 to 24 inches for in-plant or protected applications.

### Specifications

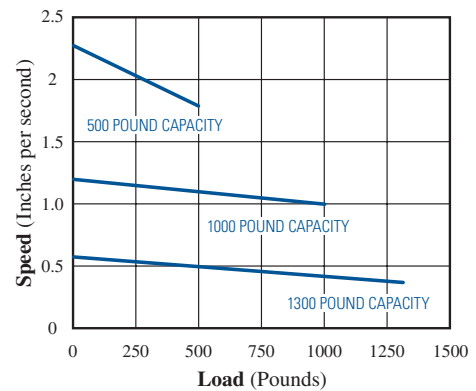
<b>Load Capacity</b>	500 pounds	1000 pounds	1300 pounds
<b>Speed at Full Load</b>	1.89 in/sec	0.98 in/sec	0.47 in/sec
<b>Input Voltage</b>	115 vac (60hz) / 230 vac (50hz)		
<b>Static Load Capacity</b>	3050 pounds for all models		
<b>Stroke Length</b>	4, 6, 8, 12, 18 and 24 inches		
<b>Clevis Ends</b>	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 (20:1 only) (1300 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		

## Performance Curves

### Current vs Load



### Speed vs Load



## Dimensions

### With Limit Switches

A-Track 5 Ball Screw	Stroke	4		6		8		12		18		24	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
A		17.95	456	19.92	506	21.89	556	25.91	658	31.89	810	37.87	962
B		4.01	102	6.02	153	7.99	203	12.00	305	17.99	457	24.01	610

### Without Limit Switches

A-Track 5 Ball Screw	Stroke	4		6		8		12		18		24	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm
A		14.96	380	16.97	431	18.94	481	22.95	583	28.94	735	34.92	887
B		4.01	102	6.02	153	7.99	203	12.00	305	17.99	457	24.01	610

