

# Heavy Duty Track Actuator



The Heavy Duty Track Actuator is designed for applications where a long stroke is needed but limited space means a conventional rod style actuator will not work. The track actuator has a sliding carriage which travels the length of the unit and offers mounting options on all three sides. Available with 200 or 400 lb of force and with strokes from 10 - 60 inches, the Heavy Duty Track Actuator offers maximum flexibility with all the quality and standard features of Firgelli actuators.

## Standard Features and Benefits

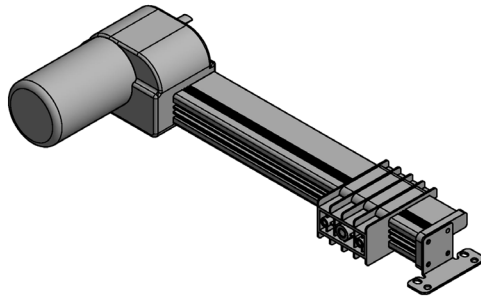
- **Internal limit switches** automatically shut off the unit at the end of stroke
- **Standard stroke lengths** of 10, 20, 30, 40, 50, and 60 inches are available
- **400 lbs. of force** at an extension speed of 0.15 inches per second and **200 lbs. of force** at 1 inch per second
- **IP 43 rated** - protected against solid objects over 1mm and sprays of water
- **Temperature operating range** of -15°F to 150°F ( -26°C to 65°C)
- **High grade aluminum housing** resists corrosion
- Comes standard with a **power adapter, control box and wired remote**
- Optional **wireless remote**
- **Maintenance free**
- **CE and RoHS** certified

## Specifications

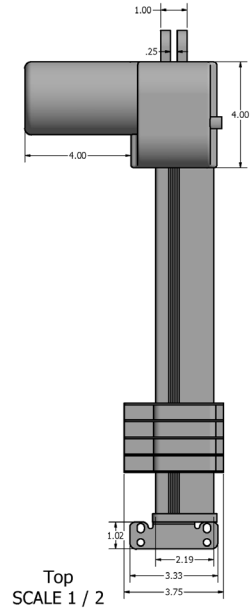
Model	FA-200-TR-24-XX	FA-450-TR-24-XX
Dynamic Force	200 lb	400 lb
Static Force	175 lb	350 lb
Speed (inches/second)	1 inch	0.15 inches
Duty Cycle	20% at 100% load, 50% at 25% load, 2 min. on 10 min. off	
Stroke Length	10, 20, 30, 40, 50, and 60 inches	
IP Rating	43	
Input	24 volt DC	
Max Draw	3 A	
Clevis End	1/4" diameter	
Operational Temperature	-15°F to 150°F (-26°C to 65°C)	
Limit Switch	Built-in (factory preset)	
Safety Certifications	CE, RoHS	
Brackets	MB5	
Options	RF Remote Control System	

## Dimensions and Weight

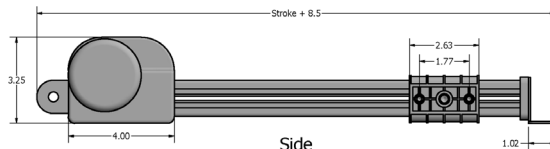
Stroke	Length Hole to Hole	Weight
10 "	18.5 "	10.4 lbs
20 "	28.5 "	12.0 lbs
30 "	38.5 "	14.0 lbs
40 "	48.5 "	16.8 lbs
50 "	58.5 "	19.0 lbs
60 "	68.5 "	21.4 lbs



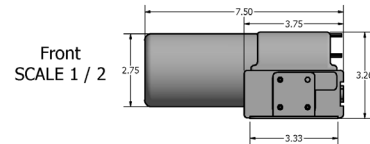
Perspective  
SCALE 1 / 2



Top  
SCALE 1 / 2



Side  
SCALE 1 / 2

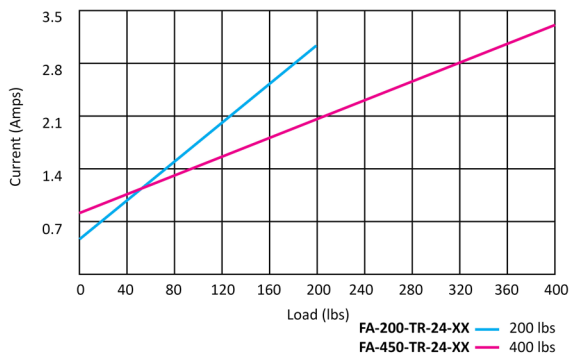


Front  
SCALE 1 / 2

FA-450/200-TR-24-XX

## Performance Graphs

24V DC Current vs Load



24V DC Speed vs Load

