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- Low noise design
- Enhanced corrosion resistance
- Aluminum outer and inner tube
- Zinc alloy housing
- Powder metal gears
- Lubrication for longer life
- Small compact design
- Lowest price on the planet

**Specifications:**

Model	FA-35 High Speed	FA-70 Standard Speed	FA-150 Standard Force	FA-240 High Force
Input Voltage	12 VDC 5 amp current draw at full load			
Load Capacity	35 lbs	70 lbs	150 lbs	200 lbs
Static Load (minimum)	2 times max load			
Stroke Length	1" to 30"			
Speed at No Load	2"/sec	1"/sec	0.5"/sec	0.3"/sec
Clevis Ends	¼" diameter			
Screw	ACME screw			
Gear Ratio	5:1	10:1	20:1	30:1
Duty Cycle	20%			
Operation Temperature Range	-26°C~65°C (-15°F~150°F)			
Limit Switch	Built-in (factory preset) non moveable			
IP Grade	IP54			
Safety Certificate	CE,ROHS			

**Accessories for this product:**

**MB1:** mounting bracket, **FA-SC1:** speed controller, **RB2:** rubber boot protector, **4CH-RC:** remote control, **HFV4:** SPDT relay 12vdc 20 amp, **MAN-RS:** sustaining rocker switch, **MAN-RS2:** momentary rocker switch, **PA-12V-10A:** Power adaptor, **EL-KIT:** wiring kit

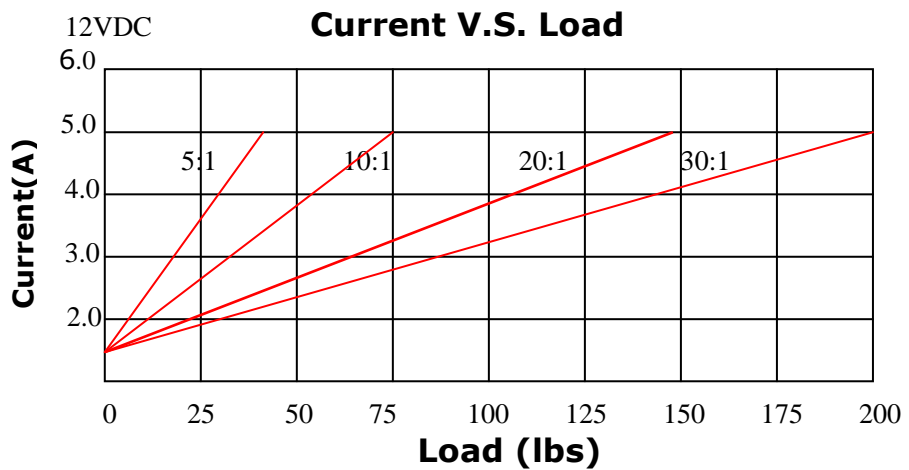
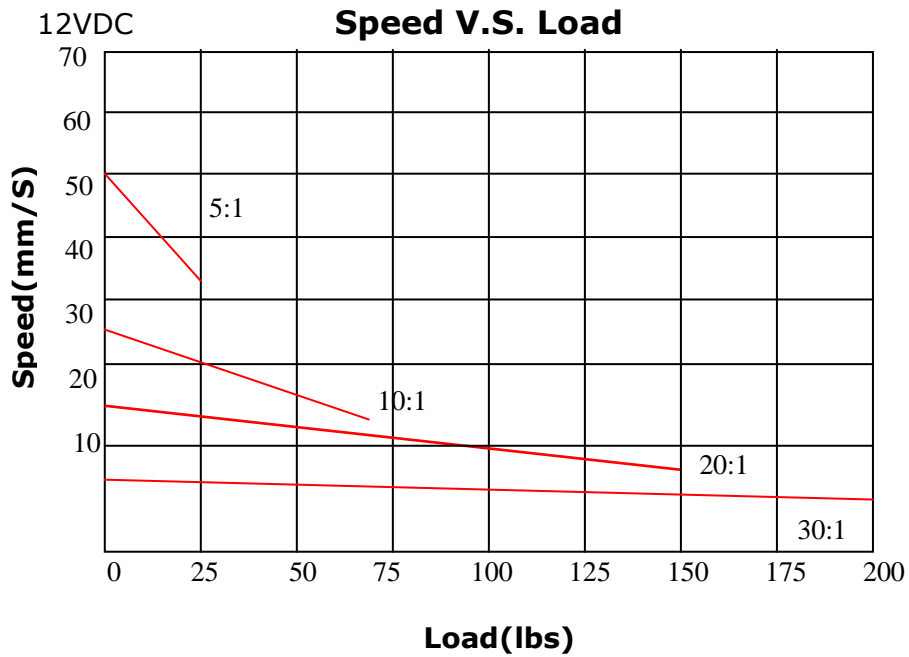
# PRODUCT INFORMATION

# Standard Actuators

## Weight chart:

Stroke length	1	2	3	4	6	9	12	18	24
Weight	810 g	850 g	890 g	930 g	970 g	1160 g	1290 g	1480 g	1835 g
	1.8 lb	1.9 lb	2.0 lb	2.1 lb	2.2 lb	2.6 lb	2.8 lb	3.3 lb	4.0 lb

## Load/speed charts:



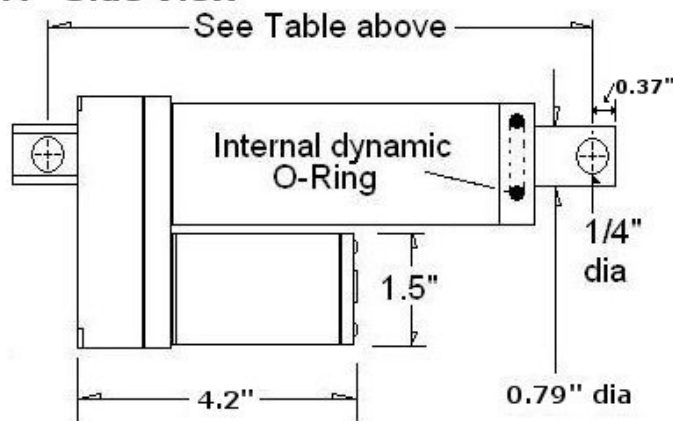
**Dimensions:**

**Hole To Hole Dimensions**

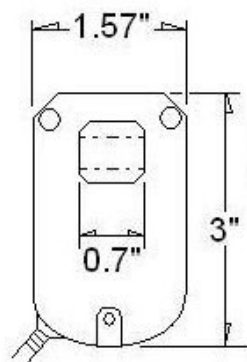
Stroke Size (Inches)	Collapsed Length (Inches)	Extended Length (Inches)
1	5.5	6.5
2	6.5	8.5
3	7.5	10.5
4	8.5	12.5
6	10.5	16.5
8	12.5	20.5
9	13.5	22.5
10	14.5	24.5
12	16.5	28.5
18	22.5	40.5
24	28.5	52.5

\* These lengths may vary due to motor drift at the limits. This is affected by a number of factors including load and the current speed of the motor and gears at the limits.

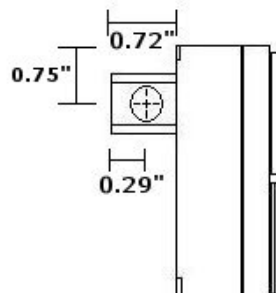
**A - Side View**



**B - Bottom View**



**C - Bottom Post**



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