

# PRODUCT INFORMATION

---



Firgelli Automations, 1465 Slater Road, Ferndale, WA 98248

Tel: 1 866-226-0465

Fax: 1 866 226-1649

Email [sales@firgelliauto.com](mailto:sales@firgelliauto.com)

[www.FirgelliAuto.com](http://www.FirgelliAuto.com)

---

- Low noise design
- Enhanced corrosion resistance
- Aluminum outer and inner tube
- Zinc alloy housing
- Powder metal gears
- Lubrication for longer life
- Small compact Design
- Low Price



## Specifications

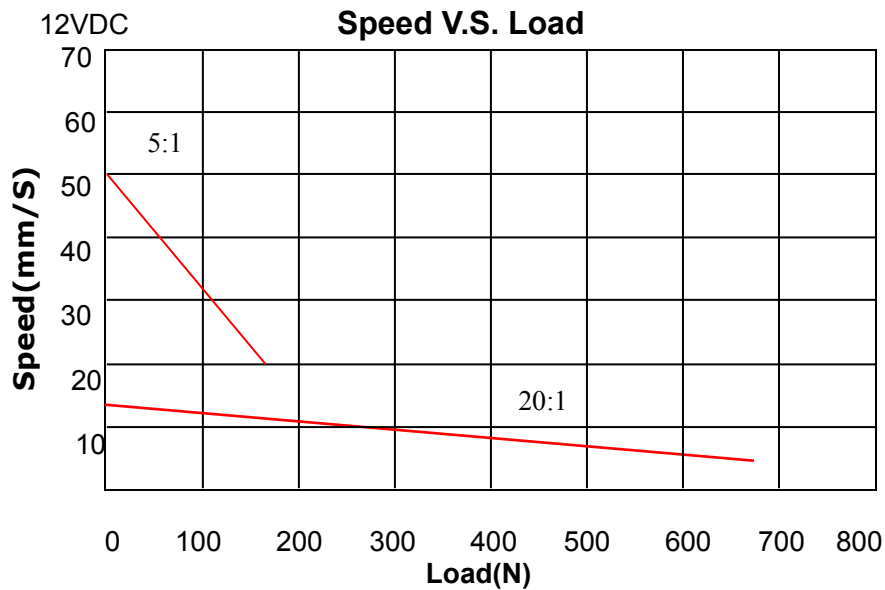
Model	FA-PO-35-12-xx" (High Speed)	FA-PO-150-12-xx" (Standard Force)
Input Voltage	12 VDC	
Load Capacity	35 lbs	150lbs
Static Load	2 x max load capacity	
Stroke Length	2" to 12"	
Speed at No Load	2"/sec (50mm/s)	1½"/sec (12mm/sec)
Feedback	10K ohm 3 wires Potentiometer	
Clevis Ends	6.3mm diameter	
Screw	ACME screw	
Gear Ratio	5:1	20:1
Duty Cycle	20% (2 minutes continuous use in 10 minute period)	
Operation Temperature Range	-26°C~65°C (-15°F~150°F)	
Limit Switch	Built-in (Factory Preset) Not movable	
IP Grade	IP54 (dust and splash resistant)	

---

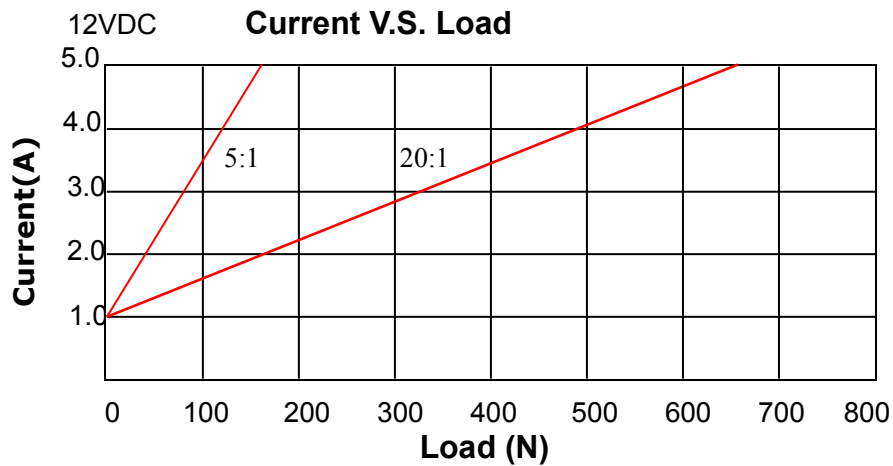
# PRODUCT INFORMATION

---

## LOAD/SPEED

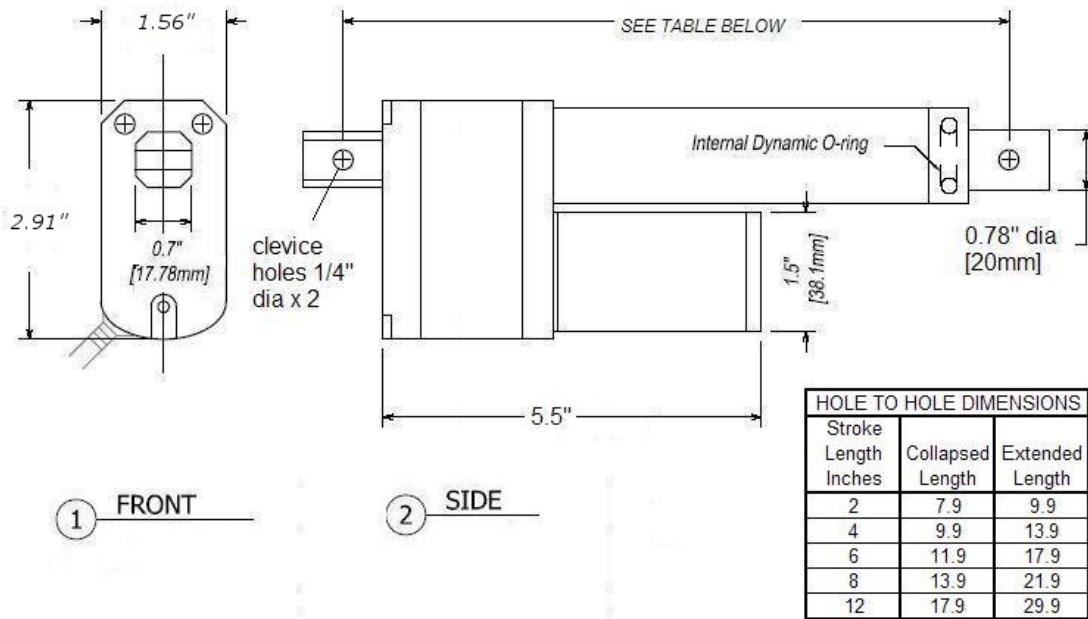


## LOAD/CURRENT



# PRODUCT INFORMATION

## Dimensions:



## Wiring:

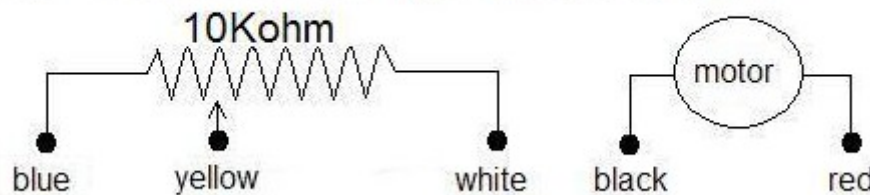
Red +12vdc (actuator extends,  
Black gnd reverse polarity to retract)

## Feedback wiring if required:

White - Potentiometer reference

Yellow - Potentiometer reference

Blue - Potentiometer wiper (position signal)



- This model actuator uses Fircelli Automations MB1 Brackets on both ends of the actuator.
- Visit [http://www.fircelli.com/product\\_info.php?cPath=70&products\\_id=54](http://www.fircelli.com/product_info.php?cPath=70&products_id=54) for more details

Please visit our website for latest prices and to purchase  
[www.FircelliAuto.com](http://www.FircelliAuto.com)