

## PRODUCT INFORMATION

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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
- Low Price



### Specifications

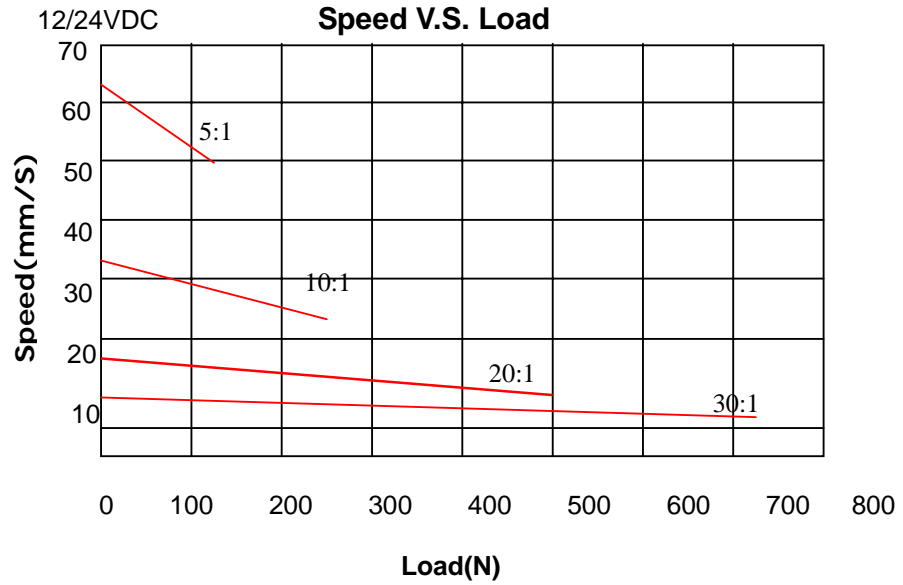
Model	FA-PO-20-12-xx" (High Speed)	FA-PO-100-12-xx" (Standard Force)
Input Voltage	12 VDC	
Load Capacity	20 lbs	100lbs
Static Load	2 x max load capacity	
Stroke Length	2" to 12"	
Speed at No Load	2"/sec (50mm/s)	½"/sec (12mm/sec)
Feedback	10K ohm 3 wires Potentiometer	
Clevis Ends	6.3mm diameter	
Screw	ACME screw	
Gear Ratio	5:1	20:1
Duty Cycle	20%	
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 proof)	

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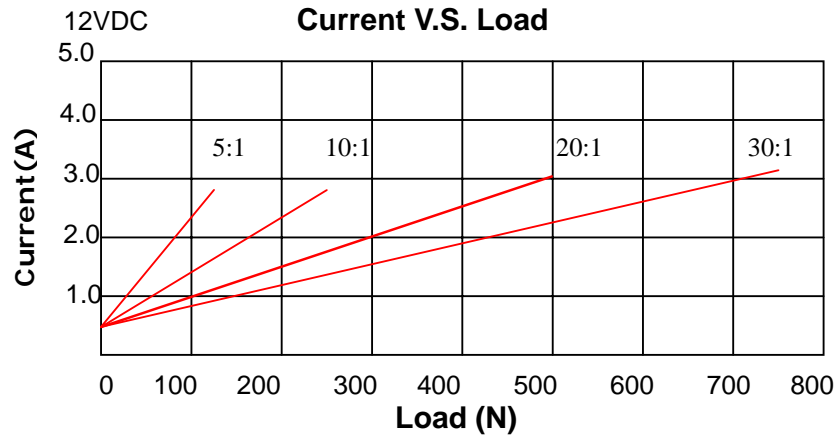
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## LOAD/SPEED

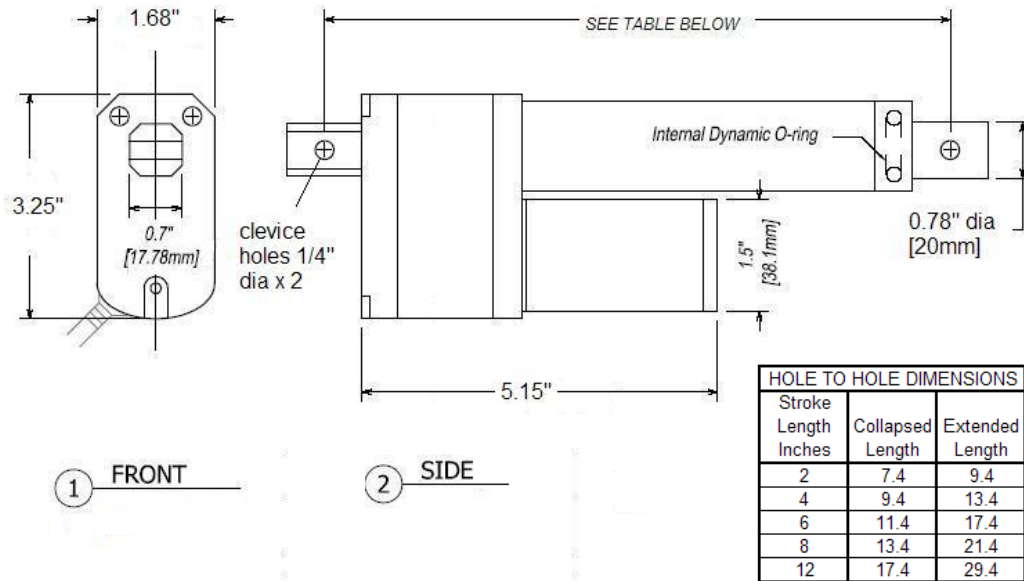


## LOAD/CURRENT



# PRODUCT INFORMATION

## Dimensions:



## Wiring:

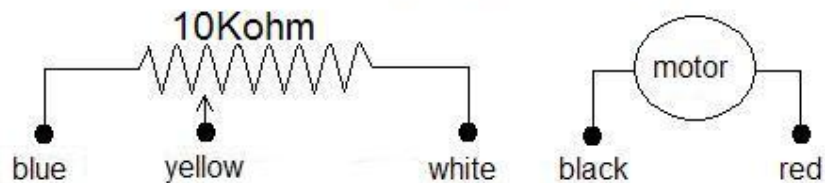
Red +12vdc (actuator extends,  
Black gnd reverse polarity to retract)

### 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.fircelliauto.com/product\\_info.php?cPath=70&products\\_id=54](http://www.fircelliauto.com/product_info.php?cPath=70&products_id=54) for more details

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