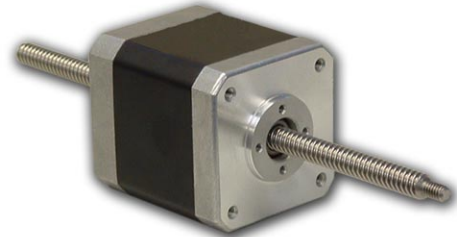


17AM Series Non-Captive Linear Actuators



FEATURES

- Linear force up to 170 lbs.
- Power Rating of 3.3 to 4.5 watts
- Linear travel per step resolution from 0.00012" up to 0.005"
- Standard Bipolar Configuration
- Fast, powerful and precise positioning
- Precision radial ball bearing design
- Industry standard frame size
- Customized designs available
- Neodymium Rotor Magnet
- Standard 6" stroke
- 1.8° step angle



DESCRIPTION

The 17AM-NC Series are a Nema 17, hybrid, Non-Captive Linear Actuator. These Non-Captive Linear Actuators are high quality, self-contained packages made with long-life shielded ball bearings and a Neodymium Rotor Magnet. When the motor is fixed, the lead screw will travel, or by contrast, when the leadscrew is fixed, the motor will travel. The 17AM-NC series are offered in several linear travel per step, current ratings, coil types, and thread types. The 17AM-NC series Non-Captive Linear Actuator has a power rating of up to 4.5 watts. These 17AM-NC motors come with a standard 6 inch long lead screw.

Build a part number:

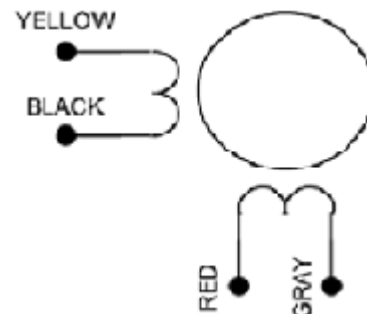
17 AM 0 01 A - LW4 - NC - 600

BUILD A PART NUMBER

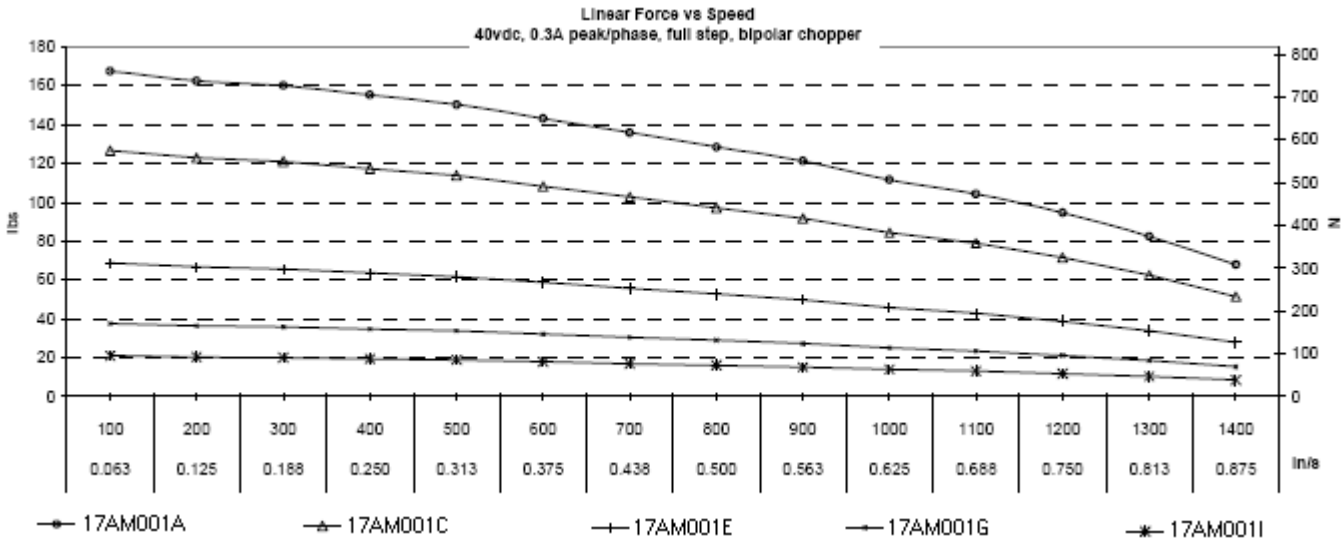
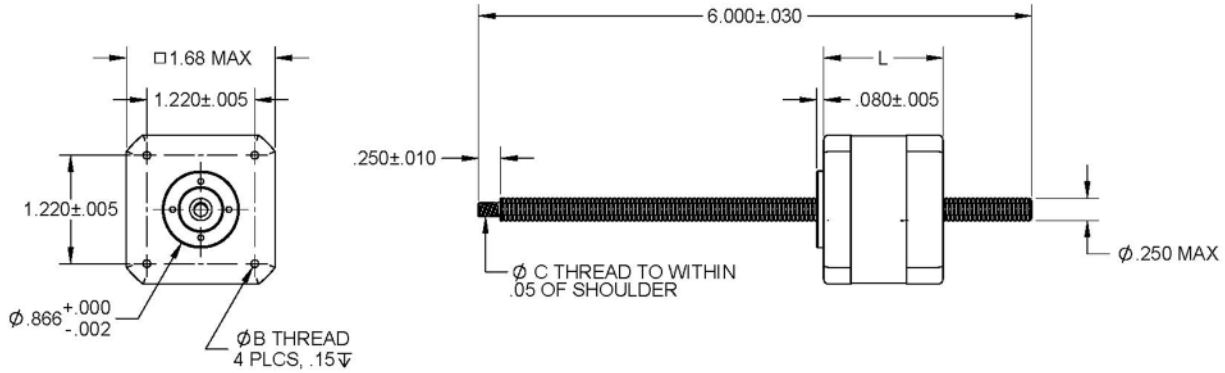
Nema Size	Actuator Motor	Stack Length	Bipolar Current Setting	Linear Travel Per Step	Number of Lead Wires	Motor Type	Stroke
17	AM	0 2	01 - 0.3amps 02 - 0.7amps 03 - 1.3amps 04 - 1.5amps 07 - 2.6amps	A - 0.00012" B - 0.00015625" C - 0.00024" D - 0.0003125" E - 0.00048" F - 0.000625" G - 0.00096" H - 0.00125" I - 0.00192" J - 0.00250" K - 0.00375" L - 0.00500"	LW4	NC (Non-Captive)	600 - 6.0"

WIRING

Connection	Lead Wire Connection	Lead Wire Color
4 - Lead Bipolar Series MBC Series	Phase 1 (A)	Yellow
	Phase 3 (/A)	Black
	Phase 2 (B)	Red
	Phase 4 (/B)	Gray



L010600



Motor Specs	Stack Length	Options		
Linear Travel Per Step (inches)	0	0.00012, 0.00015625, 0.00024, 0.0003125, 0.00048, 0.000625, 0.00096, 0.00125, 0.00192		
	2	0.000625, 0.00125, 0.0025, 0.00375, 0.005		
Rated Current Per Phase (amp)	0	0.3	0.7	1.5
	2	0.7	1.3	2.6
Rated Voltage (Vdc)	0	11.1	4.7	2.2
	2	7.5	3.5	1.7
Resistance Per Phase (Ohm)	0	36.9	6.8	1.5
	2	12.5	2.7	0.7
Inductance Per Phase (mH)	0	56	10	2.2
	2	26.1	4.9	1.1
Power Per Phase (watts)	0	3.3		
	2	4.5		