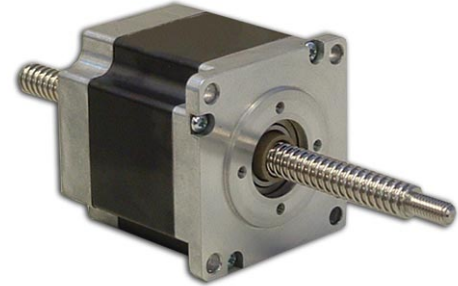


23AM Series Non-Captive Linear Actuators



FEATURES

- **Linear force up to 260 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 23AM-NC Series are a Nema 23, 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 23AM-NC series are offered in several linear travel per step, current ratings, coil types, and thread types. The 23AM-NC series Non-Captive Linear Actuator has a power rating of up to 6.8 watts. These 23AM-NC motors come with a standard 6 inch long lead screw.

Build a part number:

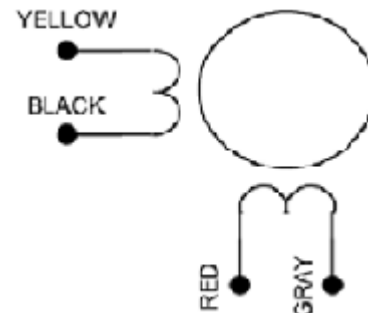
23 AM 0 01 A - LW4 - NC - 250

BUILD A PART NUMBER

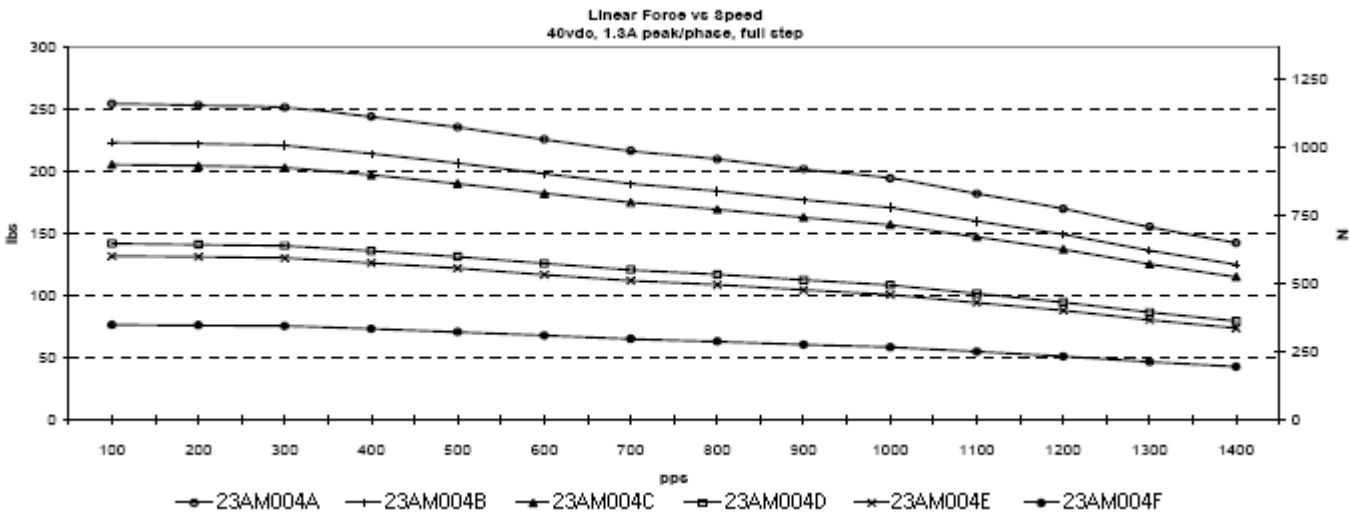
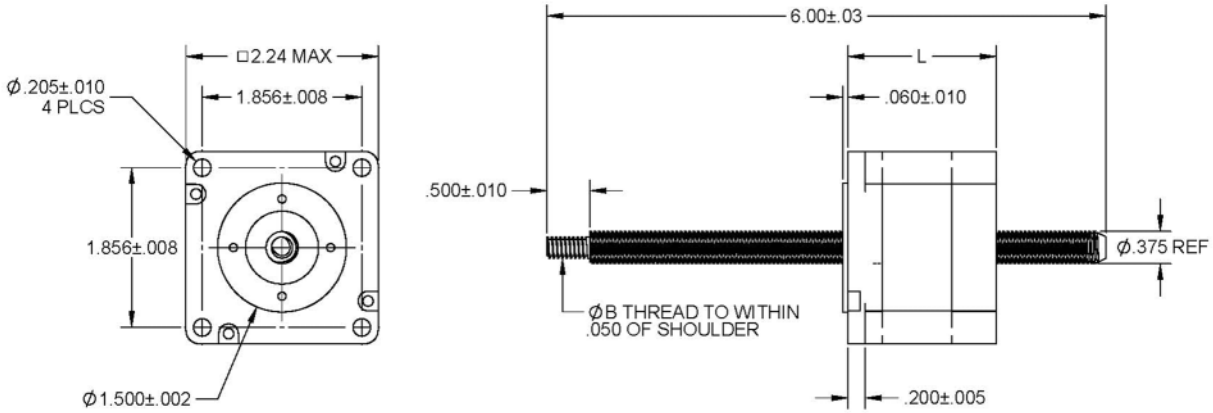
Nema Size	Actuator Motor	Stack Length	Bipolar Current Setting	Linear Travel Per Step	Number of Lead Wires	Motor Type	Stroke
23	AM	0 1	01 - 0.5amps 03 - 1.0amps 04 - 1.3amps 06 - 2.0amps 07 - 2.5amps 12 - 4.1 amps	A - 0.0003125" B - 0.00041675" C - 0.0005" D - 0.00083335" E - 0.001" F - 0.002" G - 0.0025" H - 0.005"	LW4	TS (Threaded Shaft)	600 - 6.00"

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



L010601



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		
	1	0.000625, 0.00125, 0.0025, 0.00375, 0.005		
Rated Current Per Phase (amp)	0	0.5	1.3	2.0
	1	1.0	2.5	4.1
Rated Voltage (Vdc)	0	11.1	4.3	2.8
	1	6.8	2.7	1.7
Resistance Per Phase (Ohm)	0	22.3	3.3	1.4
	1	6.8	1.1	0.4
Inductance Per Phase (mH)	0	45.8	7.5	3.3
	1	25.6	3.8	1.5
Power Per Phase (watts)	0	3.3		
	1	4.5		