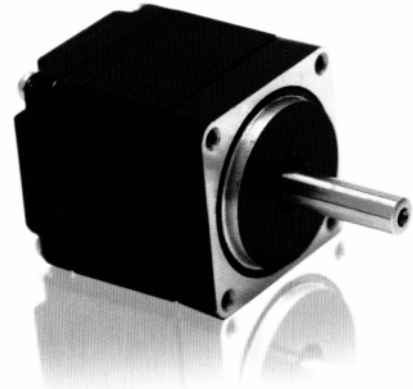


# 11Y Series - High Torque Stepper Motors



## FEATURES

- NEMA 11 Frame Size
- 1.8° Step Angle
- High Torque - Up to 17 oz-in
- High Step Accuracy and Resolution
- Low Vibration and Noise
- Can be Customized for
  - Winding Current
  - Shaft Options
  - Cables and Connectors
- CE Certified and RoHS Compliant



## DESCRIPTION

The 11Y Series High Torque Step Motors come in a small package with high torque density. These motors offer a great value without sacrificing quality. These motors were designed to offer the highest possible torque while minimizing vibration and audible noise. A broad line of motor windings and stack lengths are available off-the-shelf, or the motors can be customized to fit your machine requirements. The standard 4 lead wire motors can be connected to allow the flexibility for your application. Anaheim Automation can also customize the winding to perfectly match your voltage, current, and maximum operating speed.

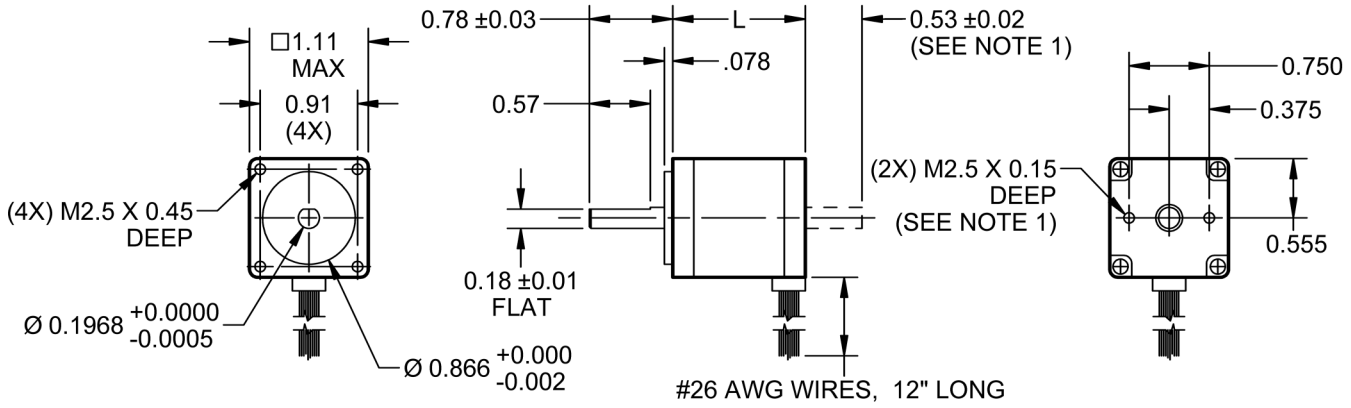
**See Accessories on our website for optional motor adders such as encoders, cables, and connectors. See compatible drivers for the 11Y Series: [MBC15081](#), [MBC02581TB](#)**

## SPECIFICATIONS

Model #	NEMA Size	Bipolar Torque (oz-in)	Bipolar Current (A)	Series Inductance (mH)	Rotor Inertia (oz-in-sec <sup>2</sup> )	Shaft Diameter (in)	# of Lead Wires	Weight (lbs)	L Length (in)
11Y102S-LW4	11	8.3	0.67	4.0	0.00013	0.197	4	0.24	1.25
11Y202S-LW4	11	13.2	0.67	5.0	0.00017	0.197	4	0.31	1.75
11Y302S-LW4	11	16.7	0.67	7.0	0.00025	0.197	4	0.44	2.00

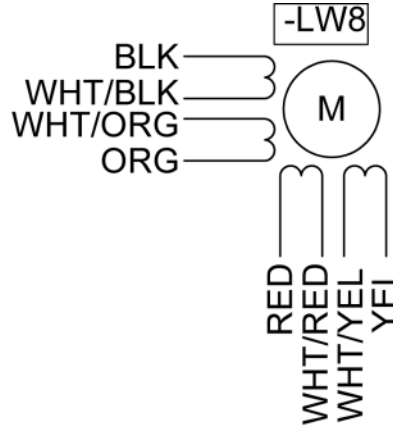
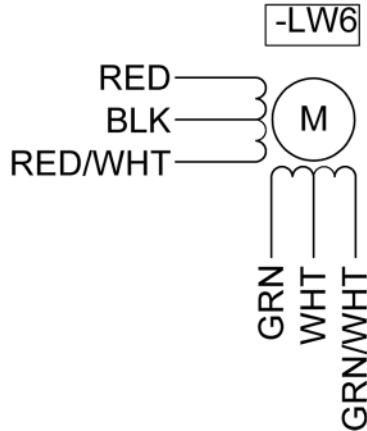
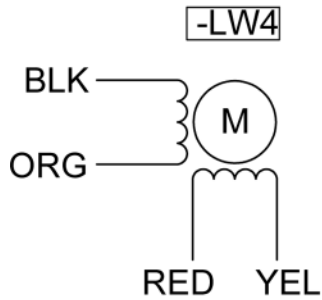
*Notes: The 7th character "S" denotes a single shaft, use "D" for double shaft. Double shafts include encoder mounting provisions. Custom leadwires, cables, connectors, shaft options, and windings are available upon request.*

L010169



(All units are inches)

Note 1: Dual Shaft option only



DIMENSION

WIRING INFORMATION