14HA SERIES 0.9°

Key Features

- High Accuracy
- Low Inertia
- Small Size

General Specifications

Bi-polar

Model Number	Resistance per Phase	Inductance per Phase	Rated Current	Holding Torque		Detent Torque		Rotor Inertia	
	ohm	mH	A	mNm	oz-in	mNm	oz-in	g.cm²	oz-in²
14HA0001N	23	18	0.4	100	14.16	10	1.42	14	0.08
14HA0004N	6.6	6	0.6	85	12.04	10	1.42	14	0.08

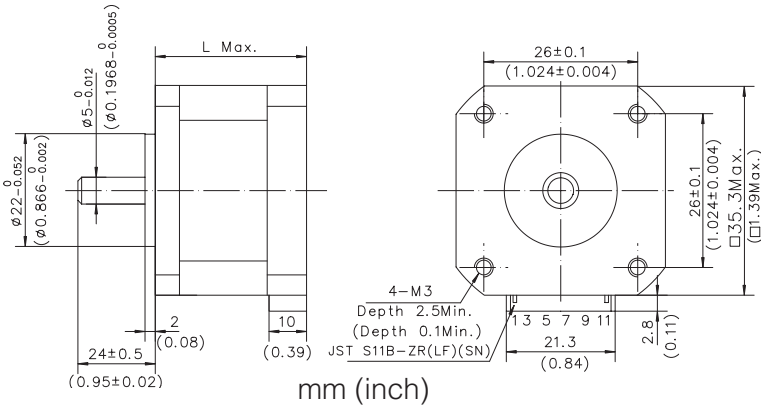
Uni-polar

Model Number	Resistance per Phase	Inductance per Phase	Rated Current	Holding Torque		Detent Torque		Rotor Inertia	
	ohm	mH	A	mNm	oz-in	mNm	oz-in	g.cm²	oz-in²
14HA0005N	6.6	2.7	0.6	70	9.92	10	1.42	14	0.08
14HA0006N	23	9	0.4	90	12.75	10	1.42	14	0.08

Motor Wiring Diagram —> Page A-8

Mechanical Dimension

Model Number	L	Mass
	mm (in.)	kg (lb.)
14HA0**N	28 (1.10)	0.16 (0.35)

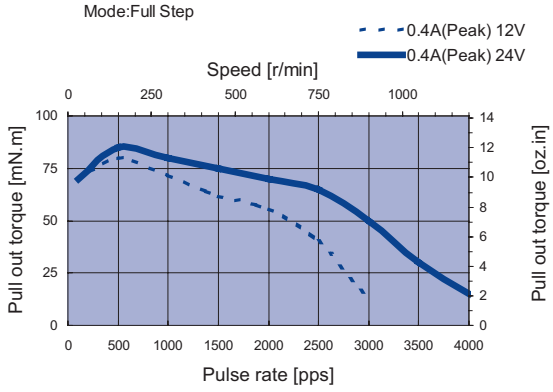


mm (inch)

Dynamic Torque Curves

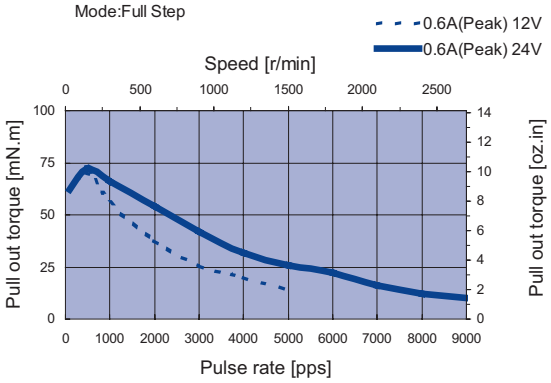
14HA0001N

Conditions: Bi-polar Constant Current Driver
IC: AMA MS3540M
Mode:Full Step



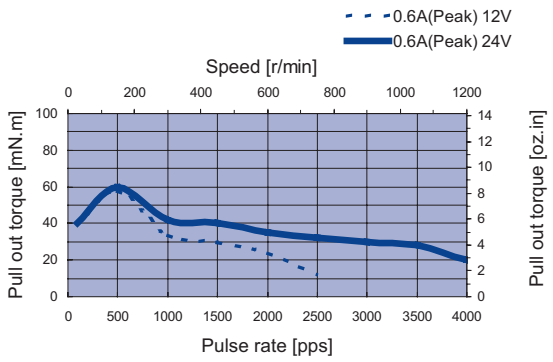
14HA0004N

Conditions: Bi-polar Constant Current Driver
IC: AMA MS3540M
Mode:Full Step



14HA0005N

Conditions: Uni-polar Constant Current Drive
IC: AMA MSU3040M
Mode:Full Step



14HA0006N

Conditions: Uni-polar Constant Current Driver
IC: AMA MSU3040M
Mode:Full Step