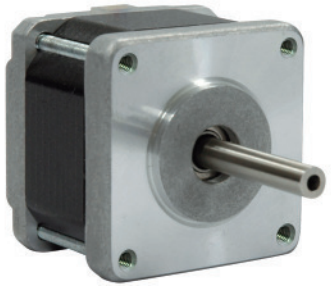
16HS SERIES 1.8°

Key Features

- High Torque
- High Accuracy
- Smooth Movement



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
16HS4401N	7	9.6	0.65	200	28.33	15	2.12	30	0.17

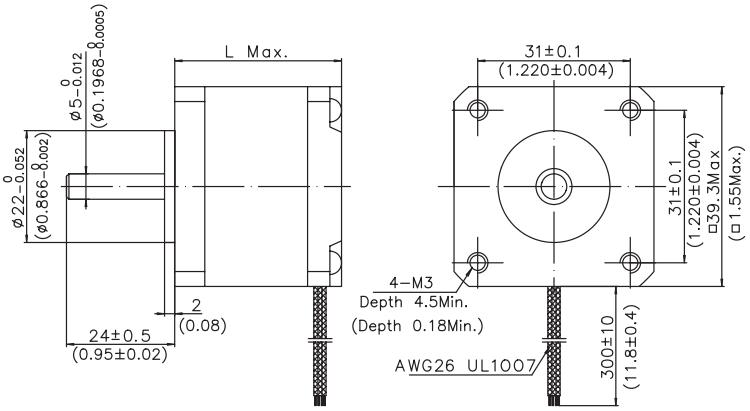
Uni-polar

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
16HS4601N	7	5.6	0.65	150	21.25	15	2.12	30	0.17

Motor Wiring Diagram —> Page A-8

Mechanical Dimension

Model Number	L	Mass
	mm (in.)	kg (lb.)
16HS4**N	36 (1.40)	0.21 (0.46)

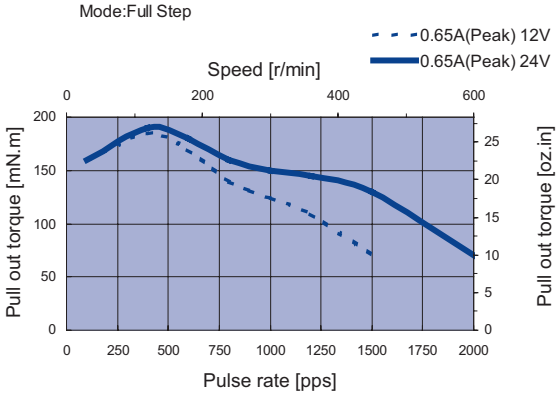


mm (inch)

Dynamic Torque Curves

16HS4401N

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



16HS4601N

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