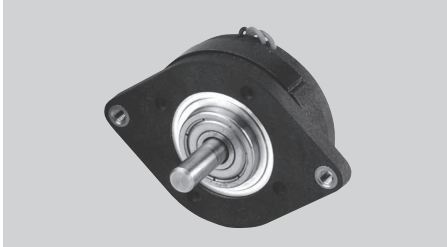
14HC SERIES 1.2° Encapsulated Stepping Motor

Key Features

- 35% More Torque
- Quieter & Smoother
- Longer Life



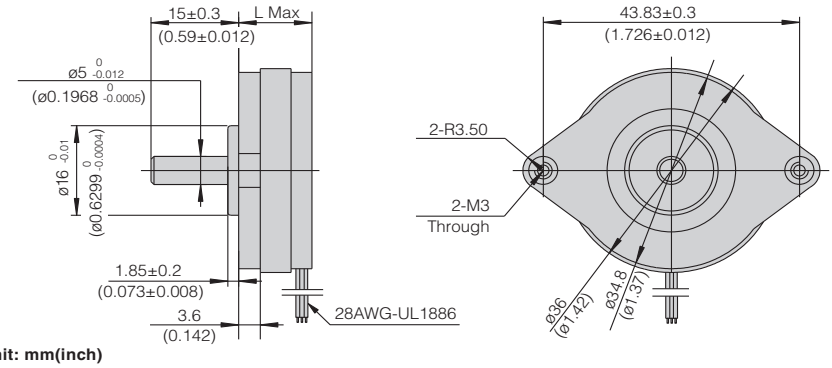
General Specifications

Series & Length	Model Number	Holding Torque		Rated Current	Resistance per Phase	Inductance per Phase	Detent Torque		Rotor Inertia	
		mNm	oz-in	A	ohm	mH	mNm	oz-in	g.cm²	oz-in²
14HC0 12.8 mm (0.50 in.)	14HC0301N	33	4.7	1	1.68	0.82	4	0.57	4	0.022
14HC2 20.2 mm (0.80 in.)	14HC2301N	90	12.7	1.25	1.45	0.85	10	1.4	11	0.060

- Wiring Connection, Lead Wires, Schematic Diagrams & Stepping Sequence.....Page 62 - 64

Mechanical Dimension

Series	L	Mass
	mm (in.)	kg (lb.)
14HC0	12.8 (0.50)	0.06 (0.13)
14HC2	20.2 (0.80)	0.11 (0.24)

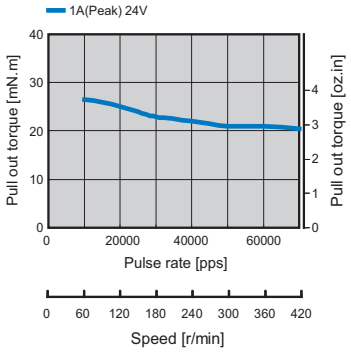


Unit: mm(inch)

Dynamic Torque Curves

14HC0301N

Conditions:
Driver: MS3ST10
Mode:10000 Step/Revolution



14HC2301N

Conditions:
Driver: MS3ST10
Mode:10000 Step/Revolution