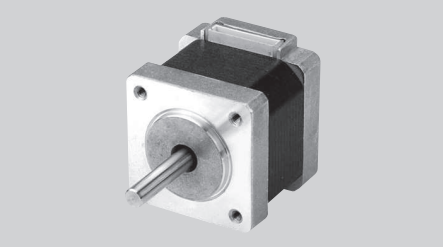
14HS SERIES 1.8°

Key Features

- High Torque
- Small Size
- Smooth Movement



General Specifications

- Bi-polar

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
14HS3 36 mm (1.41 in.)	14HS3042	150	21.2	0.85	5.4	6.5	18	2.5	20	0.109
14HS5 55 mm (2.16 in.)	14HS5042	270	38.2	0.85	7.7	8.4	30	4.2	35	0.191

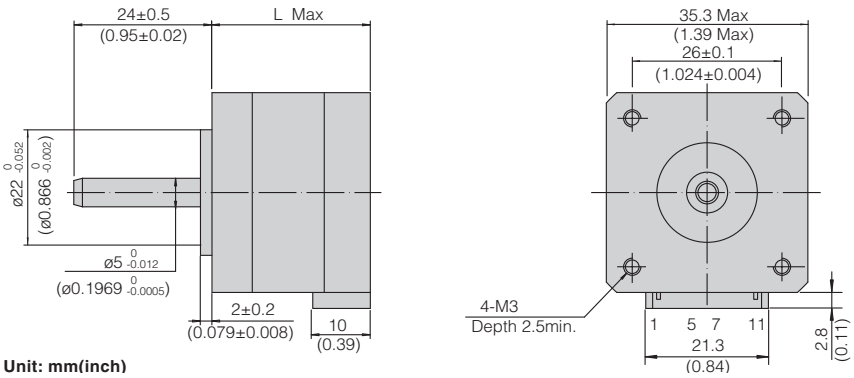
- Uni-polar

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
14HS3 36 mm (1.41 in.)	14HS3062	110	15.6	1.2	2.7	1.6	18	2.5	20	0.109
14HS5 55 mm (2.16 in.)	14HS5062	200	28.3	1.2	3.9	2.1	30	4.2	35	0.191

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

Mechanical Dimension

Series	L
	mm (in.)
14HS3	36 (1.41)
14HS5	55 (2.16)



Unit: mm(inch)

Dynamic Torque Curves

- Contact MOONS' for dynamic torque curves