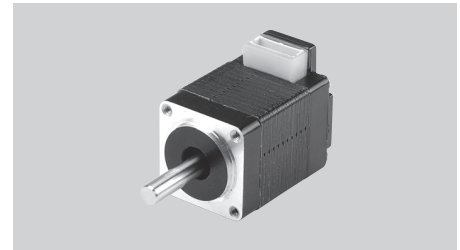


8HY SERIES 1.8°

Key Features

- Small Size
- Smooth Movement
- Low Inertia



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.cm ²	oz-in ²
8HY2 29.5 mm (1.16 in.)	8HY2041	17	2.4	0.4	8.5	3.4	2.5	0.4	2	0.011
8HY4 47 mm (1.85 in.)	8HY4041	32	4.5	0.4	16	7	4	0.6	4	0.022

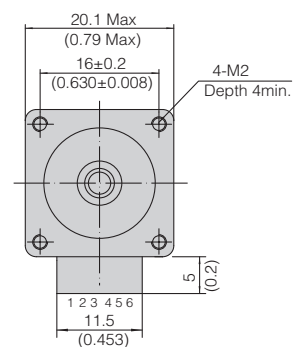
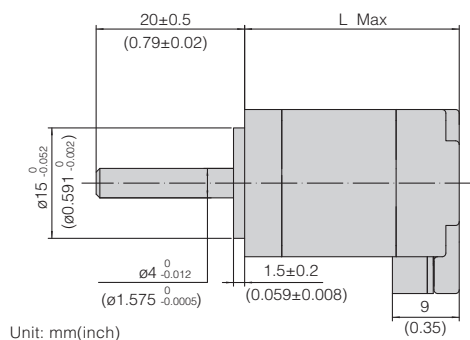
- Uni-polar

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.cm ²	oz-in ²
8HY2 29.5 mm (1.16 in.)	8HY2061	13	1.8	0.4	10	2.4	2.5	0.4	2	0.011
8HY4 47 mm (1.85 in.)	8HY4062	24	3.4	0.4	20	4.6	4	0.6	4	0.022

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

Mechanical Dimension

Series	L
	mm (in.)
8HY2	29.5 (1.16)
8HY4	47 (1.85)



Unit: mm(inch)

Dynamic Torque Curves

- Contact MOONS' for dynamic torque curves

Why Stepping Motor

encapsulated 2 phase NEMA 14

encapsulated 3 phase NEMA 14 NEMA 17

new release 2 phase NEMA 8

new release 2 phase NEMA 14

new release 2 phase NEMA 16

2 phase NEMA 10 25.0 mm (1.00 inch)

2 phase NEMA 11 28.0 mm (1.10 inch)

2 phase NEMA 14 35.0 mm (1.38 inch)

2 phase NEMA 16 39.0 mm (1.53 inch)

2 phase NEMA 17 42.0 mm (1.65 inch)

2 phase NEMA 23 56.0 mm (2.22 inch)

2 phase NEMA 24 60.0 mm (2.36 inch)

2 phase NEMA 34 86.0 mm (3.39 inch)

3 phase NEMA 24 60.0 mm (2.36 inch)

3 phase NEMA 34 86.0 mm (3.39 inch)

how to select