ø86 mm

1.8°/step RoHS

Bipolar winding, Lead wire type CE model

Customizing

Hollow | Shaft modification

Varies depending on the model number and quantity. Contact us for details.

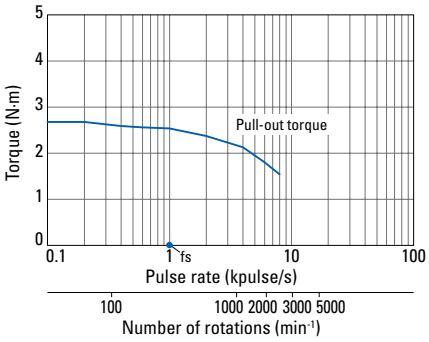
Bipolar winding, Lead wire type CE model

Model no.		Holding torque at 2-phase energization	Rated current	Wiring resistance	Winding inductance	Rotor inertia	Mass	Motor length (L)
Single shaft	Dual shaft	N·m min.	A/phase	Ω/phase	mH/phase	×10⁻⁴kg·m²	kg	mm
103H8221-6240	**103H8221-6210**	2.74	6	0.3	1.65	1.45	1.5	62
103H8222-6340	**103H8222-6310**	5.09	6	0.35	2.7	2.9	2.5	92.2
103H8223-6340	**103H8223-6310**	7.44	6	0.45	3.4	4.4	3.5	125.9

Characteristics diagram

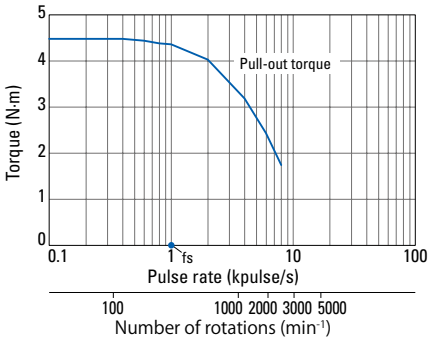
103H8221-6240
103H8221-6210

Constant current circuit
Source voltage: 100 VAC
Operating current:
6 A/phase, 2-phase energization (full-step)
Pull-out torque:
J_L=7.4×10⁻⁴kg·m² (use the rubber coupling)
fs: Maximum self-start frequency when not loaded



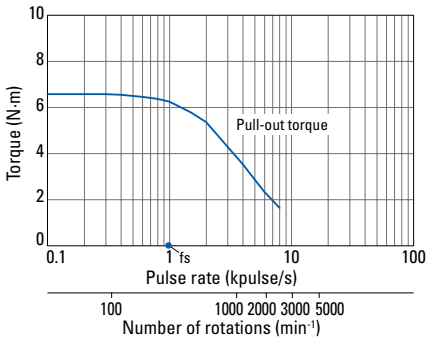
103H8222-6340
103H8222-6310

Constant current circuit
Source voltage: 100 VAC
Operating current:
6 A/phase, 2-phase energization (full-step)
Pull-out torque:
J_L=15.3×10⁻⁴kg·m² (use the rubber coupling)
fs: Maximum self-start frequency when not loaded

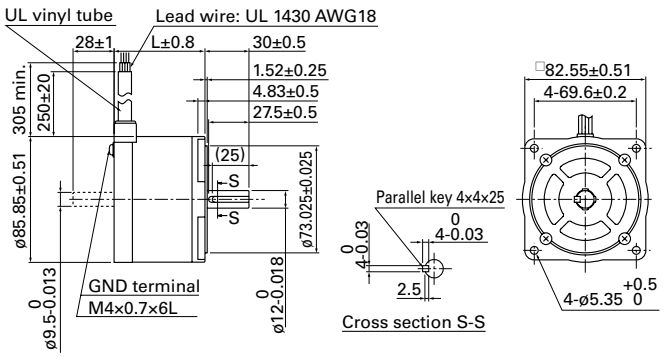


103H8223-6340
103H8223-6310

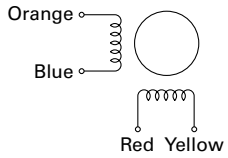
Constant current circuit
Source voltage: 100 VAC
Operating current:
6 A/phase, 2-phase energization (full-step)
Pull-out torque:
J_L=44×10⁻⁴kg·m² (use the rubber coupling)
fs: Maximum self-start frequency when not loaded



Dimensions (Unit: mm)



Internal wiring



Compatible drivers

Driver is not included.

If you require assistance finding a driver, contact us for details.

Allowable Load ▶ p. 71 Rotation Direction ▶ p. 72 General Specifications ▶ p. 73

Data is measured under the trial conditions of SANYO DENKI. Driving torque may vary according to actual machine precision.