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.

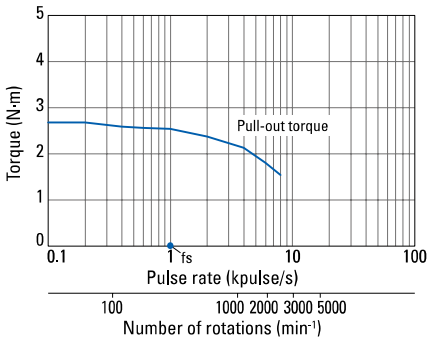
Bipolar winding, Lead wire type CE model

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	$\times10^{-4}$kg·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

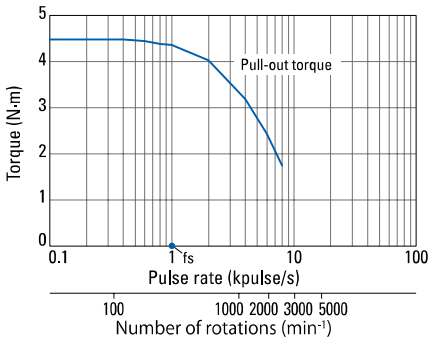
103H8221-6240
103H8221-6210

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^{-4}kg·m² (use the rubber coupling)
fs: Maximum self-start frequency when not loaded



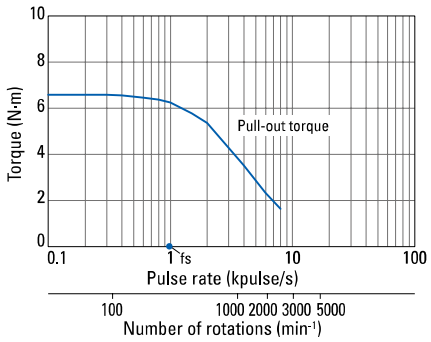
103H8222-6340
103H8222-6310

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^{-4}kg·m² (use the rubber coupling)
fs: Maximum self-start frequency when not loaded

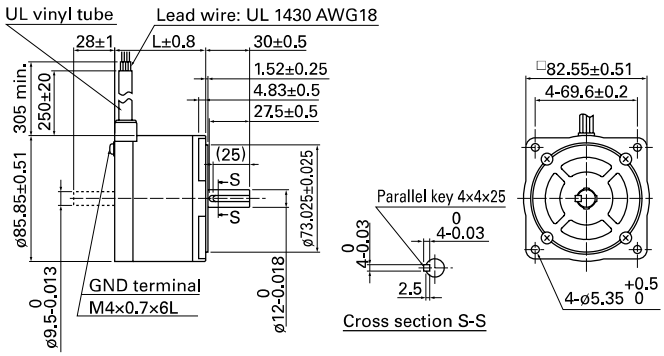


103H8223-6340
103H8223-6310

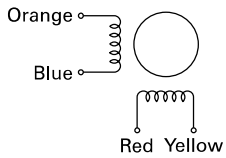
Constant current circuit
Source voltage: 100 VAC
Operating current:
6 A/phase, 2-phase energization (full-step)
Pull-out torque:
J_L=44×10^{-4}kg·m² (use the rubber coupling)
fs: Maximum self-start frequency when not loaded



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.