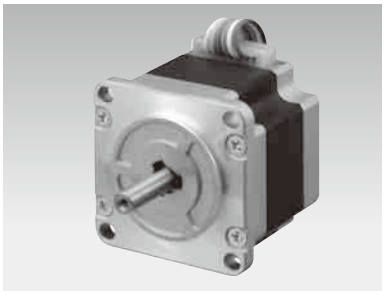


50 mmsq. (1.97 inch sq.)

1.8˚ /step RoHS

Unipolar winding, Lead wire type

Bipolar winding, Lead wire type▶p. 66

Customizing

Hollow | Shaft modification

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

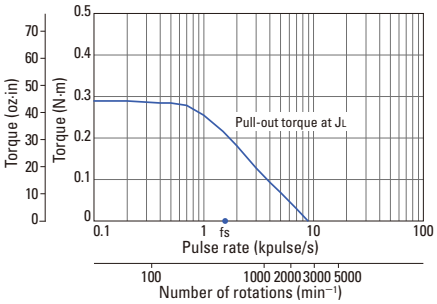
Unipolar winding, Lead wire type

Model number		Holding torque at 2-phase energization	Rated current	Wiring resistance	Winding inductance	Rotor inertia	Mass (Weight)	Motor length (L)
Single shaft	Dual shaft	[N·m (oz·in) min.]	A/phase	Ω /phase	mH/phase	[×10⁻⁴kg·m² (oz·in²)]	[kg (lbs)]	mm (in)
103H6701-0140	**103H6701-0110**	0.28 (39.6)	1	4.3	6.8	0.057 (0.31)	0.35 (0.77)	39.8 (1.57)
103H6701-0440	**103H6701-0410**	0.28 (39.6)	2	1.1	1.6	0.057 (0.31)	0.35 (0.77)	39.8 (1.57)
103H6701-0740	**103H6701-0710**	0.28 (39.6)	3	0.6	0.7	0.057 (0.31)	0.35 (0.77)	39.8 (1.57)
103H6703-0140	**103H6703-0110**	0.49 (69.4)	1	6	13	0.118 (0.65)	0.5 (1.10)	51.3 (2.02)
103H6703-0440	**103H6703-0410**	0.49 (69.4)	2	1.6	3.2	0.118 (0.65)	0.5 (1.10)	51.3 (2.02)
103H6703-0740	**103H6703-0710**	0.49 (69.4)	3	0.83	1.4	0.118 (0.65)	0.5 (1.10)	51.3 (2.02)
103H6704-0140	**103H6704-0110**	0.53 (75.1)	1	6.5	16.5	0.14 (0.77)	0.55 (1.21)	55.8 (2.20)
103H6704-0440	**103H6704-0410**	0.52 (73.6)	2	1.7	3.8	0.14 (0.77)	0.55 (1.21)	55.8 (2.20)
103H6704-0740	**103H6704-0710**	0.53 (75.1)	3	0.9	1.7	0.14 (0.77)	0.55 (1.21)	55.8 (2.20)

Characteristics diagram

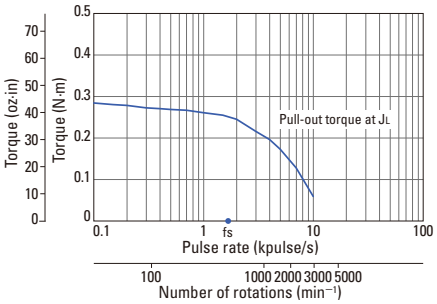
103H6701-0140 / 103H6701-0110

Constant current circuit
Source voltage: 24 VDC
Operating current:
1 A/phase, 2-phase energization (full-step)
J_L=[0.94 × 10⁻⁴kg·m² (5.14 oz·in²) use the rubber coupling]
fs: Maximum self-start frequency when not loaded



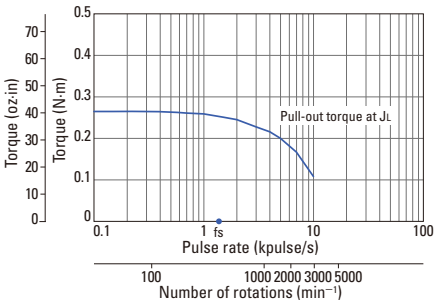
103H6701-0440 / 103H6701-0410

Constant current circuit
Source voltage: 24 VDC
Operating current:
2 A/phase, 2-phase energization (full-step)
J_L=[0.94 × 10⁻⁴kg·m² (5.14 oz·in²) use the rubber coupling]
fs: Maximum self-start frequency when not loaded



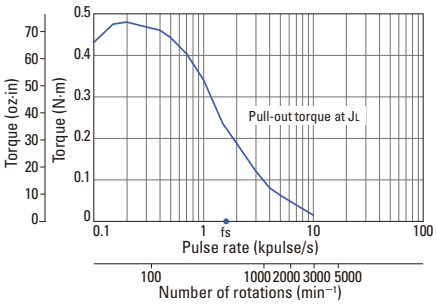
103H6701-0740 / 103H6701-0710

Constant current circuit
Source voltage: 24 VDC
Operating current:
3 A/phase, 2-phase energization (full-step)
J_L=[0.94 × 10⁻⁴kg·m² (5.14 oz·in²) use the rubber coupling]
fs: Maximum self-start frequency when not loaded



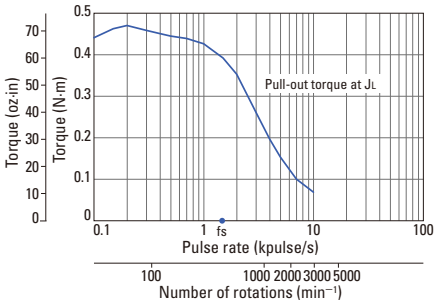
103H6703-0140 / 103H6703-0110

Constant current circuit
Source voltage: 24 VDC
Operating current:
1 A/phase, 2-phase energization (full-step)
J_L=[0.94 × 10⁻⁴kg·m² (5.14 oz·in²) use the rubber coupling]
fs: Maximum self-start frequency when not loaded



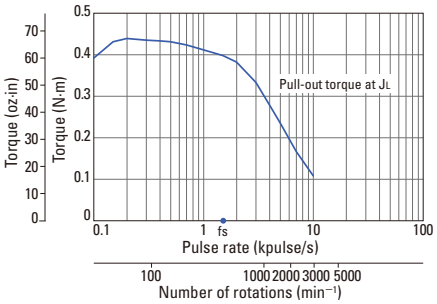
103H6703-0440 / 103H6703-0410

Constant current circuit
Source voltage: 24 VDC
Operating current:
2 A/phase, 2-phase energization (full-step)
J_L=[0.94 × 10⁻⁴kg·m² (5.14 oz·in²) use the rubber coupling]
fs: Maximum self-start frequency when not loaded



103H6703-0740 / 103H6703-0710

Constant current circuit
Source voltage: 24 VDC
Operating current:
3 A/phase, 2-phase energization (full-step)
J_L=[0.94 × 10⁻⁴kg·m² (5.14 oz·in²) use the rubber coupling]
fs: Maximum self-start frequency when not loaded



Allowable Load, Rotation Direction▶p. 87 General Specifications▶p. 88

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