

50 mm sq.

1.8°/step **RoHS**

Bipolar winding, Lead wire type

Unipolar winding, Lead wire type ▶ p. 48

Customizing

[Hollow](#) [Shaft modification](#)

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

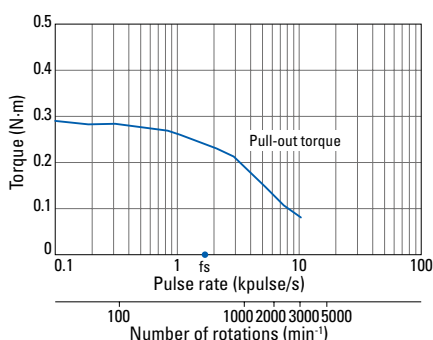
Bipolar winding, Lead wire type

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 ⁻⁴ kg·m ²	kg	mm
103H6701-5040	103H6701-5010	0.28	2	0.6	1.6	0.057	0.35	39.8
103H6703-5040	103H6703-5010	0.49	2	0.8	3.2	0.118	0.5	51.3
103H6704-5040	103H6704-5010	0.52	2	0.9	3.8	0.14	0.55	55.8

Characteristics diagram

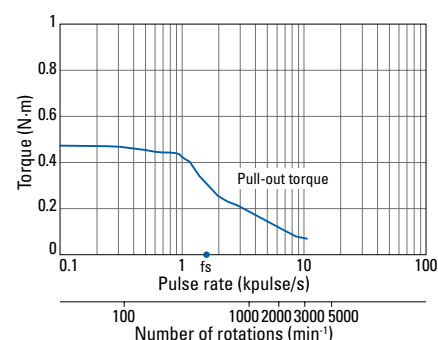
103H6701-5040 103H6701-5010

Constant current circuit
Source voltage: 24 VDC
Operating current:
2 A/phase, 2-phase
energization (full-step)
Pull-out torque:
 $J_L=0.94 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (use the
rubber coupling)
fs: Maximum self-start
frequency when not
loaded



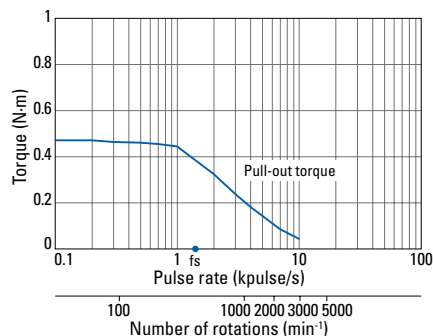
103H6703-5040 103H6703-5010

Constant current circuit
Source voltage: 24 VDC
Operating current:
2 A/phase, 2-phase
energization (full-step)
Pull-out torque:
 $J_L=0.94 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (use the
rubber coupling)
fs: Maximum self-start
frequency when not
loaded

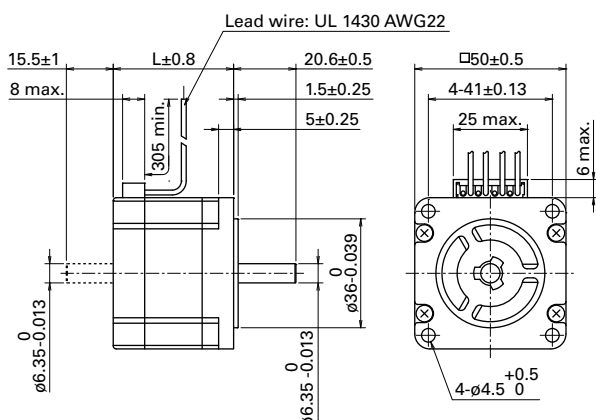


103H6704-5040 103H6704-5010

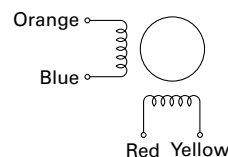
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Dimensions (Unit: mm)



Internal wiring



Compatible drivers

Model no.: BS1D200P10 (DC input)

Operating current select switch setting: 0

The characteristics diagram shown above is from our experimental circuit.