

50 mm sq.

1.8°/step **RoHS**

Bipolar, lead type
Unipolar, lead type ▶ p. 46

Custom options

- Hollow shaft Custom shaft
- Encoder

Note: Customization feasibility depends on the model number and quantity. Contact us for details.

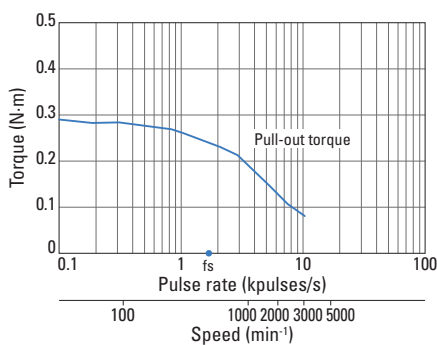
Bipolar, lead type

Model no.		Holding torque at 2-phase excitation	Rated current	Winding resistance	Winding inductance	Rotor inertia	Mass	Motor length (L)
Single shaft	Dual shaft	N·m or more	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

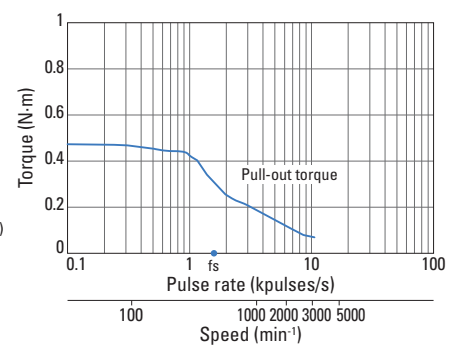
103H6701-5040 103H6701-5010

Constant current circuit
Input voltage: 24 VDC
Winding current:
2 A/phase
At 2-phase excitation (full step)
Pull-out torque:
 $J_L = 0.94 \times 10^{-4} \text{kg}\cdot\text{m}^2$
(with rubber coupling used)
 f_s : Maximum starting pulse rate with no load



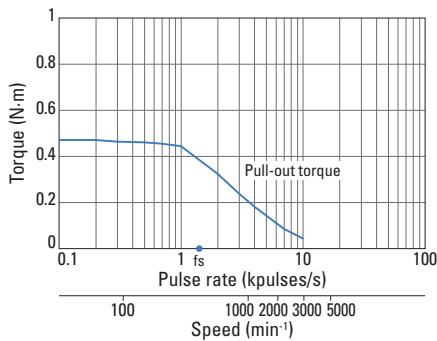
103H6703-5040 103H6703-5010

Constant current circuit
Input voltage: 24 VDC
Winding current:
2 A/phase
At 2-phase excitation (full step)
Pull-out torque:
 $J_L = 0.94 \times 10^{-4} \text{kg}\cdot\text{m}^2$
(with rubber coupling used)
 f_s : Maximum starting pulse rate with no load

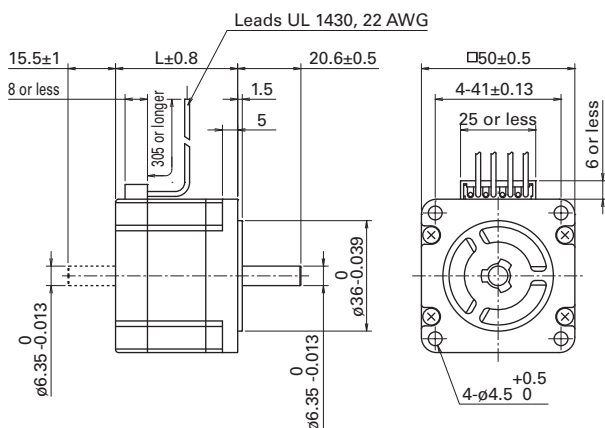


103H6704-5040 103H6704-5010

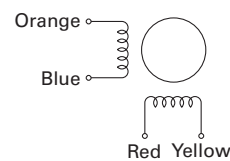
Constant current circuit
Input voltage: 24 VDC
Winding current:
2 A/phase
At 2-phase excitation (full step)
Pull-out torque:
 $J_L = 0.94 \times 10^{-4} \text{kg}\cdot\text{m}^2$
(with rubber coupling used)
 f_s : Maximum starting pulse rate with no load



Dimensions (Unit: mm)



Internal winding



Compatible drivers

Model no.: BS1D200P10 (DC input)

Operating current selection switch setting: 0

Note: The characteristics shown above are calculated using our experimental circuit.