

Note: The photo shows a unipolar motor.

35 mm sq.

1.8°/step **RoHS**
Bipolar, lead type

Custom options

Hollow shaft **Custom shaft**

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

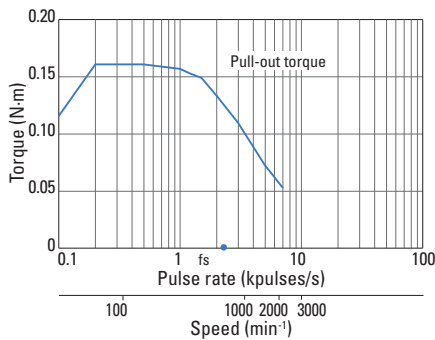
Bipolar, lead type

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
SH3533-10B40	SH3533-10B10	0.155	1	3.3	3.9	0.02	0.17	33
SH3537-10B40	SH3537-10B10	0.195	1	3.9	5.5	0.025	0.2	37
SH3552-10B40	SH3552-10B10	0.32	1	4.45	7	0.043	0.3	52

Characteristics

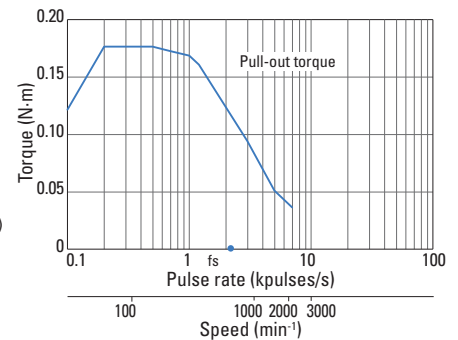
SH3533-10B40 SH3533-10B10

Constant current circuit
Input voltage: 24 VDC
Winding current:
1 A/phase
At 2-phase excitation (full step)
Pull-out torque:
 $J_L = 0.33 \times 10^{-4} \text{kg}\cdot\text{m}^2$
(with rubber coupling used)
 f_s : Maximum starting pulse rate with no load



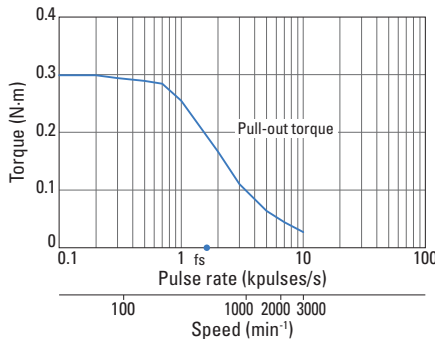
SH3537-10B40 SH3537-10B10

Constant current circuit
Input voltage: 24 VDC
Winding current:
1 A/phase
At 2-phase excitation (full step)
Pull-out torque:
 $J_L = 0.33 \times 10^{-4} \text{kg}\cdot\text{m}^2$
(with rubber coupling used)
 f_s : Maximum starting pulse rate with no load

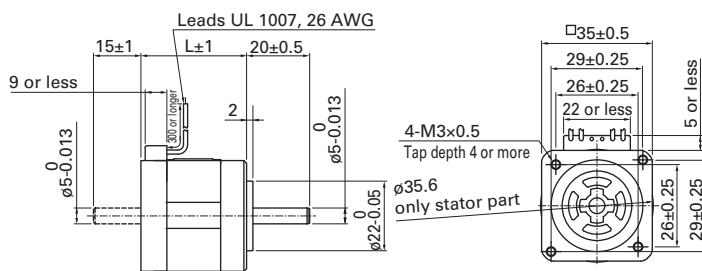


SH3552-10B40 SH3552-10B10

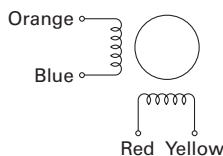
Constant current circuit
Input voltage: 24 VDC
Winding current:
1 A/phase
At 2-phase excitation (full step)
Pull-out torque:
 $J_L = 0.94 \times 10^{-4} \text{kg}\cdot\text{m}^2$
(with rubber coupling used)
 f_s : Maximum starting pulse rate with no load



Dimensions (Unit: mm)



Internal winding



Compatible drivers

Model no.: BS1D200P10 (DC input)

Operating current selection switch setting: A

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