

56 mm sq.

1.8°/step RoHS
Bipolar



Custom options
Custom shaft

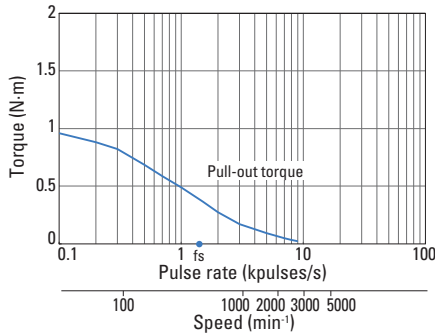
Note: Customization feasibility depends on the model number and quantity. Contact us for details.

Model no.		Holding torque at 2-phase excitation	Rated current	Winding resistance	Winding inductance	Rotor inertia	Mass	Allowable thrust load	Allowable radial load
Cable type	Connector type	N-m or more	A/phase	Ω/phase	mH/phase	×10 ⁻⁴ kg·m ²	kg	N	N
SP2563-5060	SP2563-5000	1	1	5.8	29	0.21	0.9	15	52
SP2563-5160	SP2563-5100	1	2	1.5	7.3	0.21	0.9	15	52
SP2563-5260	SP2563-5200	1	3	0.75	3.4	0.21	0.9	15	52
SP2566-5060	SP2566-5000	1.7	1	7.8	35.4	0.36	1.2	15	23
SP2566-5160	SP2566-5100	1.7	2	2	9.2	0.36	1.2	15	23
SP2566-5260	SP2566-5200	1.7	3	1	4.4	0.36	1.2	15	23

• Models with a brake, encoder, or oil seal have different model nos., rotor inertia, and mass.

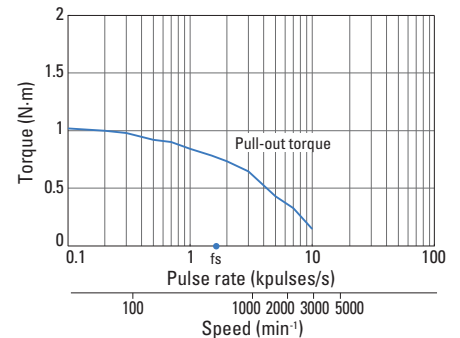
Characteristics

SP2563-5000
SP2563-5060



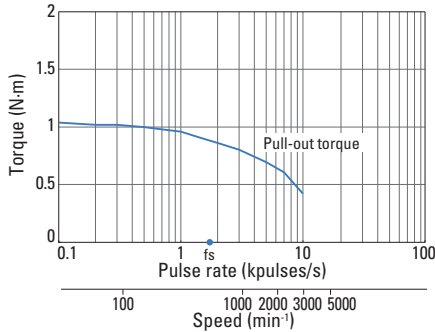
Constant current circuit
Input voltage: 100 VAC
Winding current: 1 A/phase, At 2-phase excitation (full step)
Pull-out torque: $J_L=2.6 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (with rubber coupling used)
fs: Maximum starting pulse rate with no load

SP2563-5100
SP2563-5160



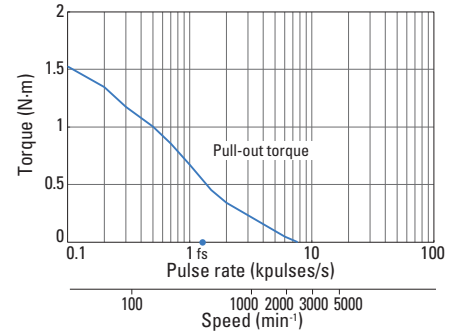
Constant current circuit
Input voltage: 100 VAC
Winding current: 2 A/phase, At 2-phase excitation (full step)
Pull-out torque: $J_L=2.6 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (with rubber coupling used)
fs: Maximum starting pulse rate with no load

SP2563-5200
SP2563-5260



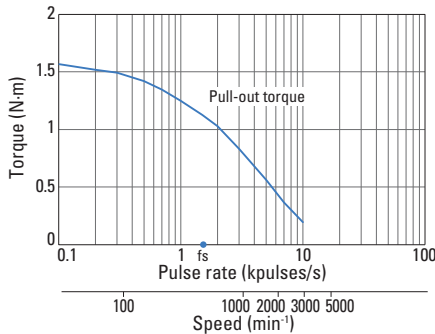
Constant current circuit
Input voltage: 100 VAC
Winding current: 3 A/phase, At 2-phase excitation (full step)
Pull-out torque: $J_L=2.6 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (with rubber coupling used)
fs: Maximum starting pulse rate with no load

SP2566-5000
SP2566-5060



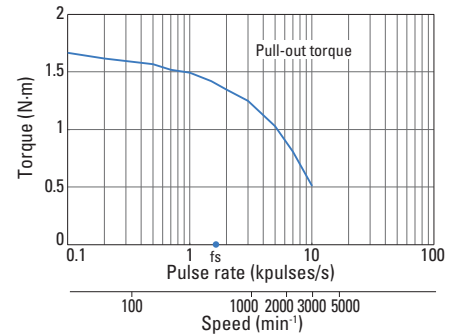
Constant current circuit
Input voltage: 100 VAC
Winding current: 1 A/phase, At 2-phase excitation (full step)
Pull-out torque: $J_L=7.4 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (with rubber coupling used)
fs: Maximum starting pulse rate with no load

SP2566-5100
SP2566-5160



Constant current circuit
Input voltage: 100 VAC
Winding current: 2 A/phase, At 2-phase excitation (full step)
Pull-out torque: $J_L=7.4 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (with rubber coupling used)
fs: Maximum starting pulse rate with no load

SP2566-5200
SP2566-5260

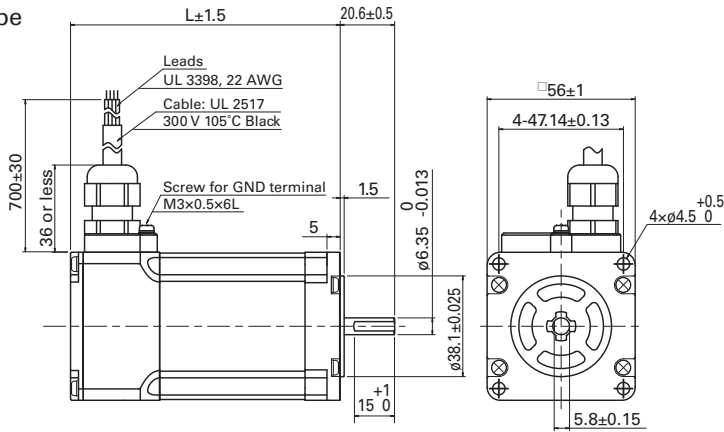


Constant current circuit
Input voltage: 100 VAC
Winding current: 3 A/phase, At 2-phase excitation (full step)
Pull-out torque: $J_L=7.4 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (with rubber coupling used)
fs: Maximum starting pulse rate with no load

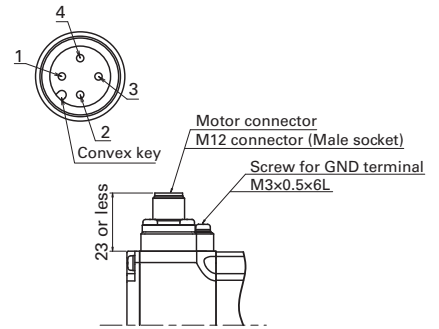
Dimensions Unit: mm

56 mm sq.

Cable type



Connector type



Model no.	Connector type	Motor length (L)
SP2563-5 □ 60	SP2563-5 □ 00	80
SP2566-5 □ 60	SP2566-5 □ 00	102

Compatible drivers

- For motors SP256 □ -52 □ 0 (3 A/phase) or SP256 □ -50 □ 0 (1 A/phase)...
A driver is to be provided by the customer.
- For motors SP256 □ -51 □ 0 (2 A/phase)...
Model no.: BS1D200P10 (DC input)
Operating current selection switch setting: 0

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