

50 mm sq.

1.8°/step Thin-profile RoHS
Bipolar, lead type

Custom options

Hollow shaft Custom shaft

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

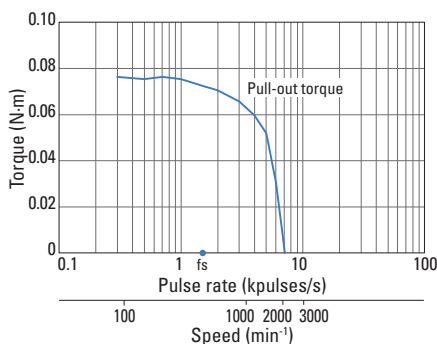
Bipolar, lead type

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
SS2501-8040	SS2501-8010	0.1	1	4.5	2	0.026	0.09	11.4
SS2502-8040	SS2502-8010	0.215	1	5.9	3.2	0.049	0.15	16.4

Characteristics

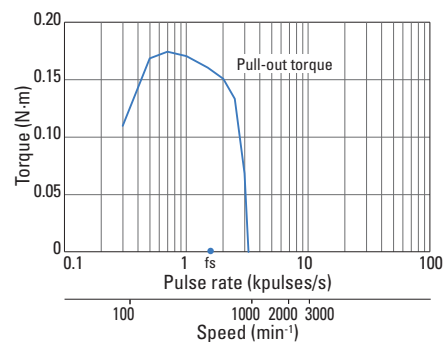
SS2501-8040
SS2501-8010

Constant current circuit
Input voltage: 24 VDC
Winding current: 1 A/phase
At 2-phase excitation (full step)
Pull-out torque:
 $J_L = 0.01 \times 10^{-4} \text{kg}\cdot\text{m}^2$
(Pulley balancer method)
fs: Maximum starting pulse rate with no load

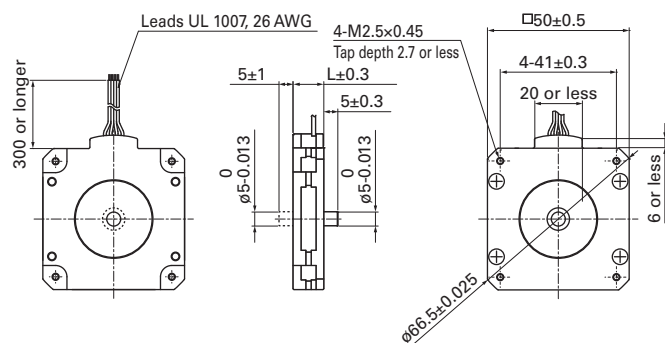


SS2502-8040
SS2502-8010

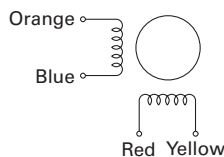
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Dimensions (Unit: mm)



Internal winding



Compatible drivers

Model no.: BS1D200P10 (DC input)
Operating current selection switch setting: A