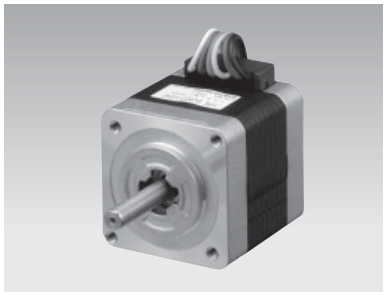


35 mm sq.

1.8°/step RoHS

Unipolar, lead type

Custom options

Hollow shaft | Custom shaft

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

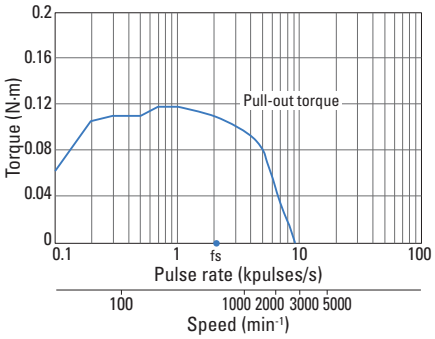
Unipolar, lead type

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	×10⁻⁴kg·m²	kg	mm
SH3533-12U40	**SH3533-12U10**	0.12	1.2	2.4	1.3	0.02	0.17	33
SH3537-12U40	**SH3537-12U10**	0.15	1.2	2.7	2	0.025	0.2	37
SH3552-12U40	**SH3552-12U10**	0.23	1.2	3.4	2.8	0.043	0.3	52

Characteristics

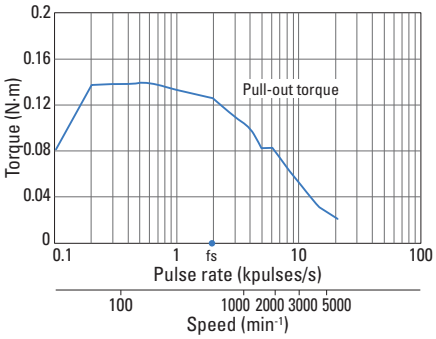
SH3533-12U40 SH3533-12U10

Constant current circuit
Input voltage: 24 VDC
Winding current:
1.2 A/phase
At 2-phase excitation (full step)
Pull-out torque:
J_L = 0.33 × 10⁻⁴kg·m²
(with rubber coupling used)
f_S: Maximum starting pulse rate with no load



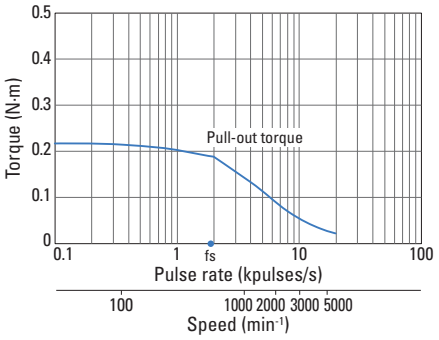
SH3537-12U40 SH3537-12U10

Constant current circuit
Input voltage: 24 VDC
Winding current:
1.2 A/phase
At 2-phase excitation (full step)
Pull-out torque:
J_L = 0.33 × 10⁻⁴kg·m²
(with rubber coupling used)
f_S: Maximum starting pulse rate with no load

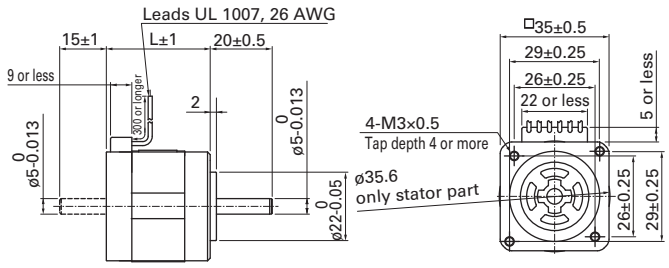


SH3552-12U40 SH3552-12U10

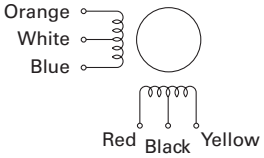
Constant current circuit
Input voltage: 24 VDC
Winding current:
1.2 A/phase
At 2-phase excitation (full step)
Pull-out torque:
J_L = 0.94 × 10⁻⁴kg·m²
(with rubber coupling used)
f_S: Maximum starting pulse rate with no load



Dimensions (Unit: mm)



Internal winding



Compatible drivers

Model no.: US1D200P10 (DC input)
Operating current selection switch setting: 8
Note: The characteristics shown above are calculated using our experimental circuit.

Allowable loads... ▶p. 69 Internal wiring and rotational directions... ▶p. 70 General specifications... ▶p. 71

Data is measured under the drive conditions of SANYO DENKI. Drive torque may vary depending on the actual machine precision.