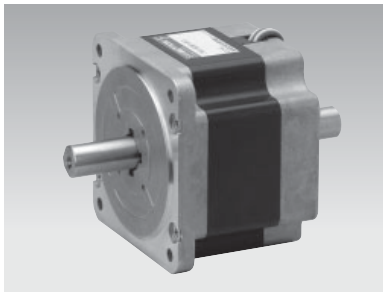


86 mm sq.

1.8°/step RoHS

Unipolar, lead type

Bipolar, lead type ▶p. 60

ECO PRODUCTS

Custom options

Hollow shaft | Custom shaft | Encoder | Brake

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

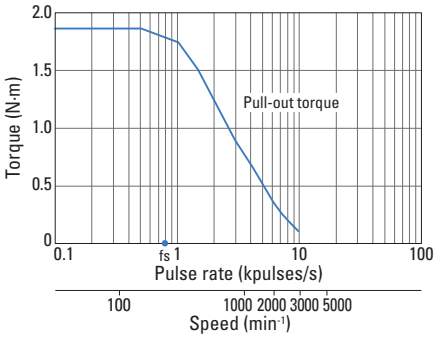
Unipolar, lead type

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
SH2861-0441	**SH2861-0411**	2.5	2	2.3	8.0	1.48	1.75	66
SH2861-0941	**SH2861-0911**	2.5	4	0.6	2.0	1.48	1.75	66
SH2862-0441	**SH2862-0411**	4.7	2	3.2	13.0	3.0	2.9	96.5
SH2862-0941	**SH2862-0911**	4.7	4	0.85	3.4	3.0	2.9	96.5
SH2863-0441	**SH2863-0411**	6.7	2	4.0	17.0	4.5	4.0	127
SH2863-0941	**SH2863-0911**	6.7	4	0.9	4.2	4.5	4.0	127

Characteristics

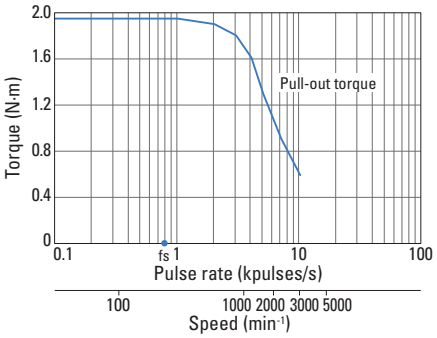
SH2861-0441 SH2861-0411

Constant current circuit
Input voltage: 100 VAC
Winding current:
2 A/phase
At 2-phase excitation (full step)
Pull-out torque:
$J_L = 7.4 \times 10^{-4}$kg·m²
(with rubber coupling used)
f_S: Maximum starting pulse rate with no load



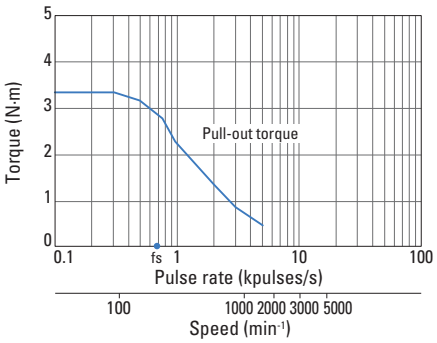
SH2861-0941 SH2861-0911

Constant current circuit
Input voltage: 100 VAC
Winding current:
4 A/phase
At 2-phase excitation (full step)
Pull-out torque:
$J_L = 7.4 \times 10^{-4}$kg·m²
(with rubber coupling used)
f_S: Maximum starting pulse rate with no load



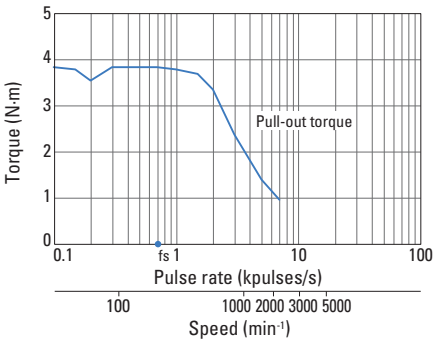
SH2862-0441 SH2862-0411

Constant current circuit
Input voltage: 100 VAC
Winding current:
2 A/phase
At 2-phase excitation (full step)
Pull-out torque:
$J_L = 15.3 \times 10^{-4}$kg·m²
(with rubber coupling used)
f_S: Maximum starting pulse rate with no load



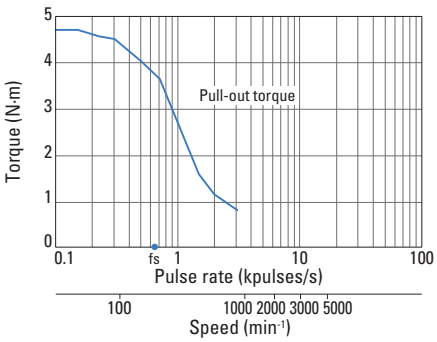
SH2862-0941 SH2862-0911

Constant current circuit
Input voltage: 100 VAC
Winding current:
4 A/phase
At 2-phase excitation (full step)
Pull-out torque:
$J_L = 15.3 \times 10^{-4}$kg·m²
(with rubber coupling used)
f_S: Maximum starting pulse rate with no load



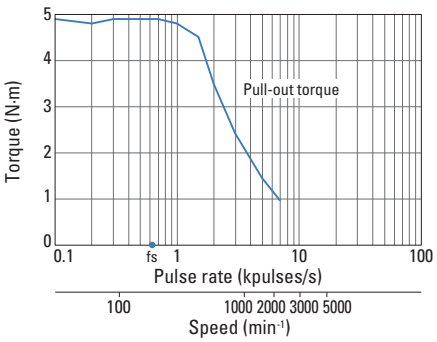
SH2863-0441 SH2863-0411

Constant current circuit
Input voltage: 100 VAC
Winding current:
2 A/phase
At 2-phase excitation (full step)
Pull-out torque:
$J_L = 15.3 \times 10^{-4}$kg·m²
(with rubber coupling used)
f_S: Maximum starting pulse rate with no load



SH2863-0941 SH2863-0911

Constant current circuit
Input voltage: 100 VAC
Winding current:
4 A/phase
At 2-phase excitation (full step)
Pull-out torque:
$J_L = 15.3 \times 10^{-4}$kg·m²
(with rubber coupling used)
f_S: Maximum starting pulse rate with no load

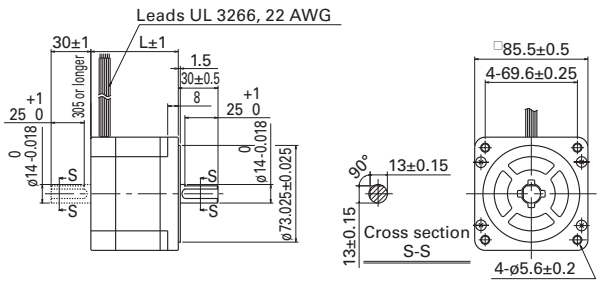


Allowable loads... ▶p. 69 Internal wiring and rotational directions... ▶p. 70 General specifications... ▶p. 71

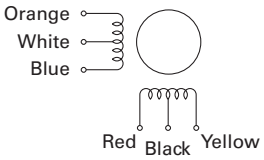
Data is measured under the drive conditions of SANYO DENKI. Drive torque may vary depending on the actual machine precision.

Dimensions (Unit: mm)

Lead type



Internal winding



Compatible drivers

A driver is to be provided by the customer.

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.