

42 mm sq.

0.9°/step **RoHS**
Unipolar, lead type



Custom options

- Hollow shaft | Custom shaft
- Gear | Encoder

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

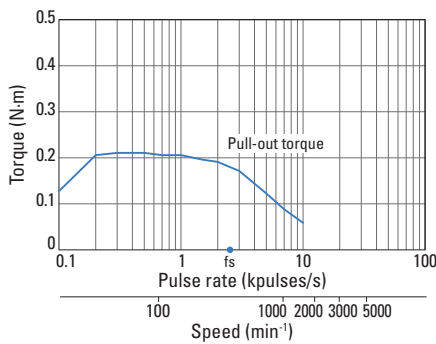
Unipolar, lead type

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 ⁻⁴ kg·m ²	kg	mm
SH1421-0441	SH1421-0411	0.2	1.2	2.7	3.2	0.044	0.24	33
SH1422-0441	SH1422-0411	0.29	1.2	3.1	5.3	0.066	0.29	39
SH1424-0441	SH1424-0411	0.39	1.2	3.5	5.3	0.089	0.38	48

Characteristics

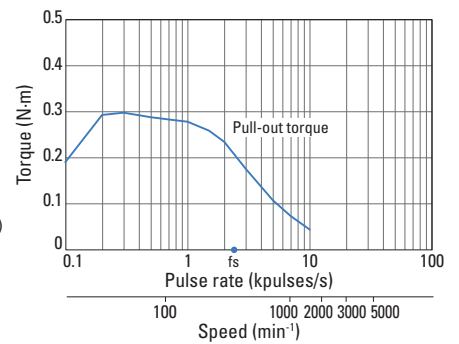
SH1421-0441 SH1421-0411

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



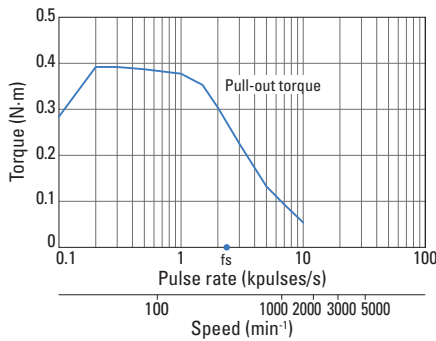
SH1422-0441 SH1422-0411

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

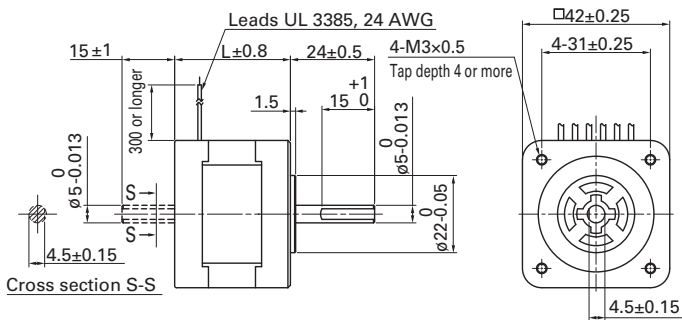


SH1424-0441 SH1424-0411

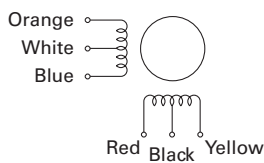
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Dimensions (Unit: mm)



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.