

60 mm sq. (2.36 inch sq.)

0.9° /step **RoHS**

Unipolar winding, Lead wire type
Bipolar winding, Lead wire type

Customizing

Hollow | **Shaft modification**
Decelerator | **Encoder**

Varies depending on the model number and quantity. Contact us for details.

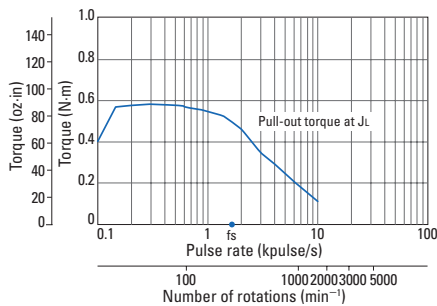
Unipolar winding, Lead wire type

| Model number | | Holding torque at 2-phase energization | Rated current | Wiring resistance | Winding inductance | Rotor inertia | Mass (Weight) | Motor length (L) | Shaft diameter (D) | |
|--------------------|--------------------|--|---------------|-------------------|--------------------|---|---------------|------------------|----------------------------------|--|
| Single shaft | Dual shaft | [N·m (oz·in) min.] | A/phase | Ω/phase | mH/phase | [×10 ⁻⁴ kg·m ² (oz·in ²)] | [kg (lbs)] | mm (in) | mm (in) | |
| SH1601-0440 | SH1601-0410 | 0.57 (80.71) | 2 | 1.35 | 2 | 0.24 (1.312) | 0.55 (1.21) | 42 (1.65) | 0 φ 6.35-0.013 (φ .25-.0005) | |
| SH1602-0440 | SH1602-0410 | 1.1 (155.77) | 2 | 1.8 | 3.5 | 0.4 (2.187) | 0.8 (1.76) | 54 (2.13) | 0 φ 6.35-0.013 (φ .25-.0005) | |
| SH1603-0440 | SH1603-0410 | 1.7 (240.74) | 2 | 2.3 | 4.5 | 0.75 (4.101) | 1.2 (2.64) | 76 (2.99) | 0 φ 8-0.015 (φ .31-.0006) | |

Characteristics diagram

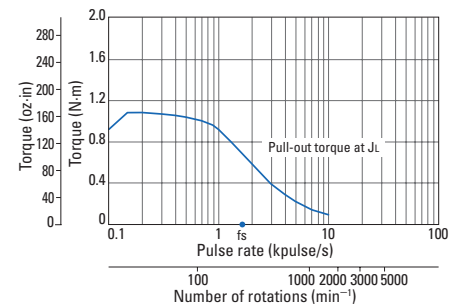
SH1601-0440 SH1601-0410

Constant current circuit
Source voltage: 24 VDC
Operating current: 2 A/phase, 2-phase energization (full-step)
J_r=[0.94 × 10⁻⁴kg·m² (5.14 oz·in²)] use the rubber coupling]
fs: Maximum self-start frequency when not loaded



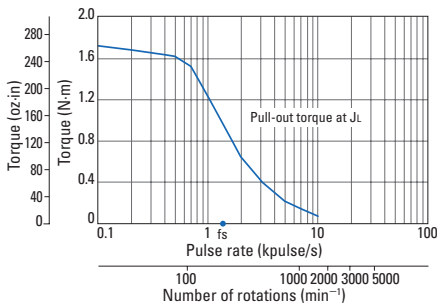
SH1602-0440 SH1602-0410

Constant current circuit
Source voltage: 24 VDC
Operating current: 2 A/phase, 2-phase energization (full-step)
J_r=[2.6 × 10⁻⁴kg·m² (14.22 oz·in²)] use the rubber coupling]
fs: Maximum self-start frequency when not loaded

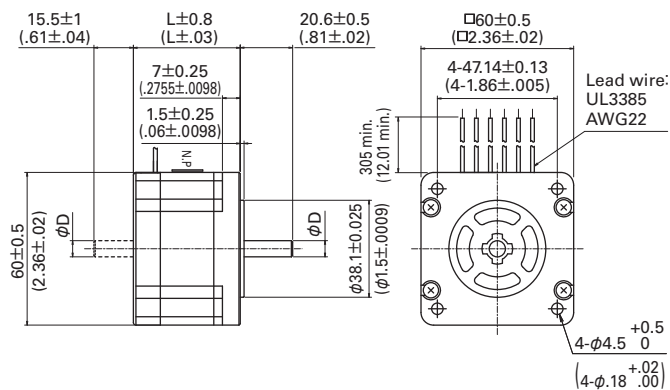


SH1603-0440 SH1603-0410

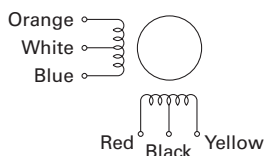
Constant current circuit
Source voltage: 24 VDC
Operating current: 2 A/phase, 2-phase energization (full-step)
J_r=[7.4 × 10⁻⁴kg·m² (40.46 oz·in²)] use the rubber coupling]
fs: Maximum self-start frequency when not loaded



Dimensions [Unit: mm (inch)]



Internal wiring



Compatible drivers

Driver is not included.

If you require assistance finding a driver, contact us for details.