

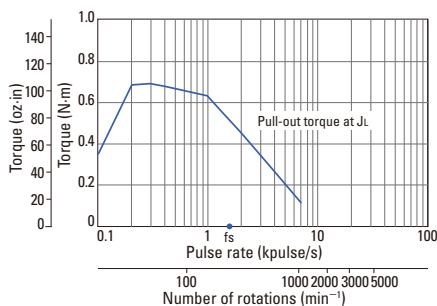
Bipolar winding, Lead wire type

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)
SH1601-5240	SH1601-5210	0.69 (97.7)	2	1.2	3.5	0.24 (1.31)	0.55 (1.21)	42 (1.65)	$\begin{matrix} 0 \\ \phi 6.35-0.013 \end{matrix}$ $\left(\begin{matrix} .0000 \\ \phi .25-.0005 \end{matrix} \right)$
SH1602-5240	SH1602-5210	1.28 (181.2)	2	1.65	6.1	0.4 (2.19)	0.8 (1.76)	54 (2.13)	$\begin{matrix} 0 \\ \phi 6.35-0.013 \end{matrix}$ $\left(\begin{matrix} .0000 \\ \phi .25-.0005 \end{matrix} \right)$
SH1603-5240	SH1603-5210	2.15 (304.4)	2	2.3	8.8	0.75 (4.10)	1.2 (2.65)	76 (2.99)	$\begin{matrix} 0 \\ \phi 8-0.015 \end{matrix}$ $\left(\begin{matrix} .0000 \\ \phi .31-.0006 \end{matrix} \right)$

Characteristics diagram

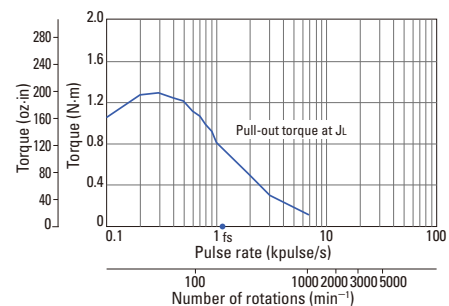
**SH1601-5240
SH1601-5210**

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



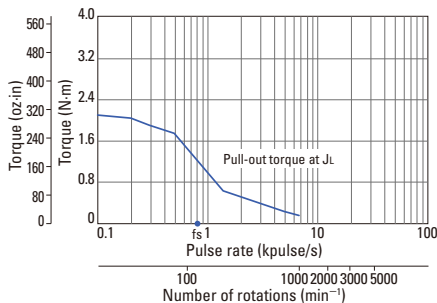
**SH1602-5240
SH1602-5210**

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

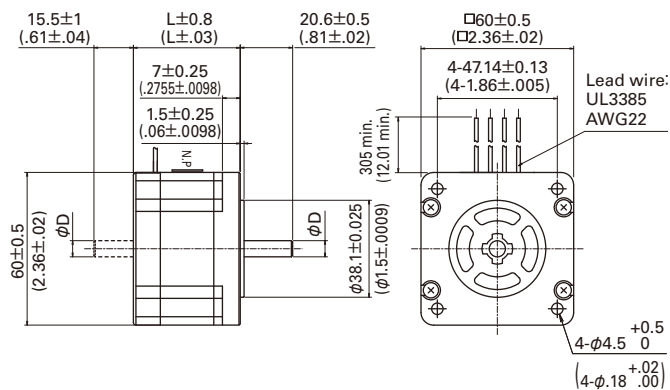


**SH1603-5240
SH1603-5210**

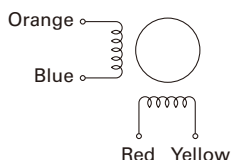
Constant current circuit
Source voltage: 24 VDC
Operating current:
2 A/phase, 2-phase
energization (full-step)
J_s=[7.4 × 10⁻⁴kg·m² (40.46
oz·in²) use the rubber
coupling]
fs: Maximum self-start
frequency when not
loaded



Dimensions [Unit: mm (inch)]



Internal wiring



Compatible drivers

Model number: BS1D200P10 (DC input)
Operating current select switch setting: 0
The characteristics diagram shown above is from our experimental circuit.