

勝特力電材超市-龍山店 886-3-5773766
 勝特力電材超市-光復店 886-3-5729570
 勝特力電子(上海) 86-21-34970699
 勝特力電子(深圳) 86-755-83298787
<http://www.100y.com.tw>



56 mm sq.

1.8°/step **RoHS**
 Unipolar, lead-type, CE/UKCA models



Custom options

Hollow shaft Custom shaft

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

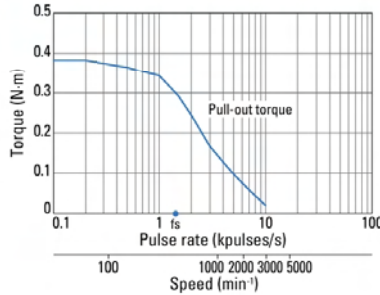
Unipolar, lead-type, CE/UKCA models

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
103H7121-6140	103H7121-6110	0.39	1	4.8	8	0.1	0.47	41.8
103H7121-6740	103H7121-6710	0.39	3	0.6	0.8	0.1	0.47	41.8
103H7123-6140	103H7123-6110	0.83	1	6.7	15	0.21	0.65	53.8
103H7123-6740	103H7123-6710	0.78	3	0.77	1.58	0.21	0.65	53.8
103H7126-6140	103H7126-6110	1.27	1	8.6	19	0.36	0.98	75.8
103H7126-6740	103H7126-6710	1.27	3	0.9	2.2	0.36	0.98	75.8

Characteristics

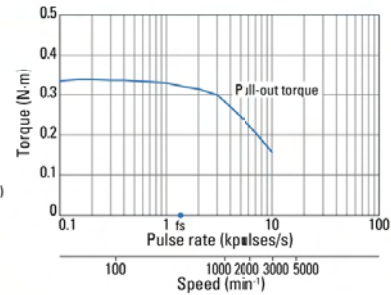
**103H7121-6140
103H7121-6110**

Constant current circuit
 Input voltage: 24 VDC
 Winding current: 1 A/phase
 At 2-phase excitation (full step)
 Pull-out torque:
 $J_r = 0.94 \times 10^{-4} \text{kg-m}^2$
 (with rubber coupling used)
 f_s : Maximum starting pulse rate with no load



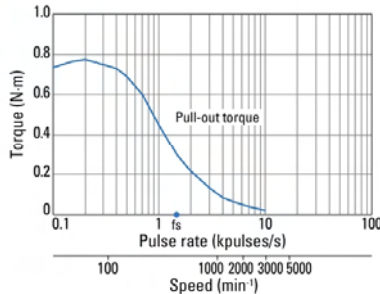
**103H7121-6740
103H7121-6710**

Constant current circuit
 Input voltage: 24 VDC
 Winding current: 3 A/phase
 At 2-p rase excitation (full step)
 Pull-out torque:
 $J_r = 0.94 \times 10^{-4} \text{kg-m}^2$
 (with rubber coupling used)
 f_s : Maximum starting pulse rate with no load



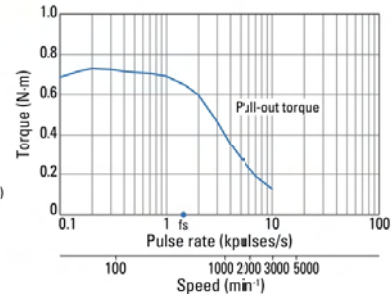
**103H7123-6140
103H7123-6110**

Constant current circuit
 Input voltage: 24 VDC
 Winding current: 1 A/phase
 At 2-phase excitation (full step)
 Pull-out torque:
 $J_r = 0.94 \times 10^{-4} \text{kg-m}^2$
 (with rubber coupling used)
 f_s : Maximum starting pulse rate with no load



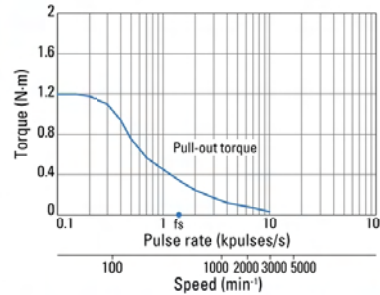
**103H7123-6740
103H7123-6710**

Constant current circuit
 Input voltage: 24 VDC
 Winding current: 3 A/phase
 At 2-p rase excitation (full step)
 Pull-out torque:
 $J_r = 0.94 \times 10^{-4} \text{kg-m}^2$
 (with rubber coupling used)
 f_s : Maximum starting pulse rate with no load



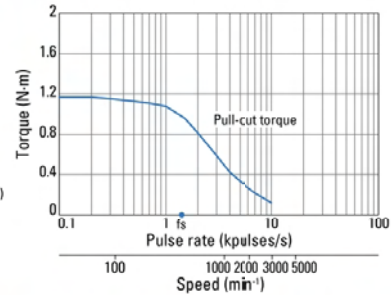
**103H7126-6140
103H7126-6110**

Constant current circuit
 Input voltage: 24 VDC
 Winding current: 1 A/phase
 At 2-phase excitation (full step)
 Pull-out torque:
 $J_r = 2.6 \times 10^{-4} \text{kg-m}^2$
 (with rubber coupling used)
 f_s : Maximum starting pulse rate with no load

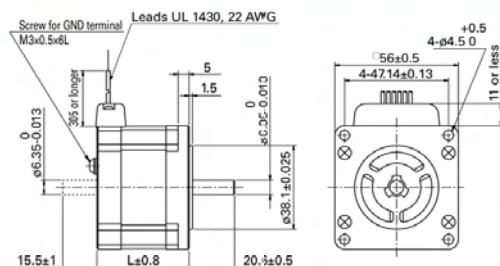


**103H7126-6740
103H7126-6710**

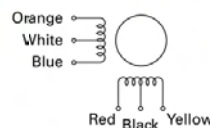
Constant current circuit
 Input voltage: 24 VDC
 Winding current: 3 A/phase
 At 2-p rase excitation (full step)
 Pull-out torque:
 $J_r = 2.6 \times 10^{-4} \text{kg-m}^2$
 (with rubber coupling used)
 f_s : Maximum starting pulse rate with no load



Dimensions (Unit: mm)



Internal winding



Compatible drivers

- For motors 103H712 □ -61 □ 0 (1 A/phase)...
 Model no.: US1D200P10 (DC input)
 Operating current select on switch setting: A
 - For motors other than above...
 A driver is to be provided by the customer.
- Note: The characteristics shown above are calculated using our experimental circuit.

Allowable loads... ▶ p. 68 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.

DC Input Set Orders and Drivers

Stepping Motors

IP65-Rated Stepping Motors

In-Vacuum Stepping Motors

Synchronous Motors