

Two-phase 60mm Square Stepping Motors

查询"103H7823-0440"供应商

Two-phase 60mm square stepping motors have been added to the "STEP SYN H" series.

New

1. Compact·High Torque

The 60mm square size motors offer the torque equivalent to that of motors sized in 86 dia. housing.(comparison based on our products.)

2. Low Noise

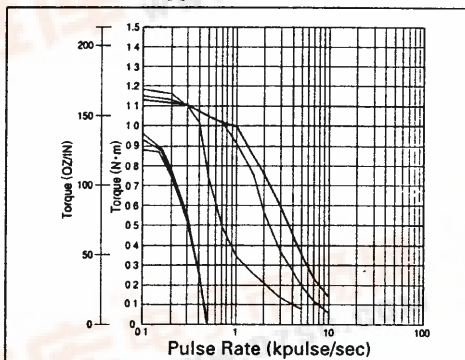
Lower noise has been realized by an optimum structure design employed for the motors.

3. Simple Wiring

This type of motors equipped with a connector promises easier system design.

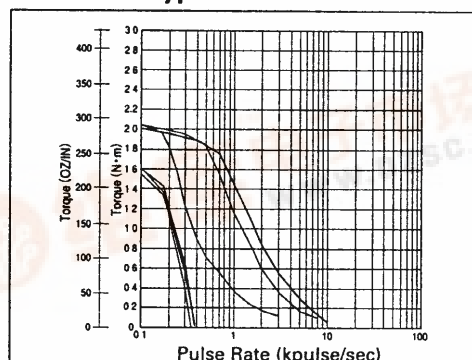
Type No.	Step angle (Degree)	Voltage (V)	Current (A/phase)	Resistance (Ω /phase)	Inductance (mH/phase)	Holding torque (N·m(OZ·IN))	Rotor inertia ($\text{kg} \cdot \text{m}^2$)	Weight (g)
Single shaft (double shaft)								
103H7822-0140 (0110)	1.8	8	1	8	14	1.17 {165}	0.4×10^{-4}	770
103H7822-0440 (0410)	1.8	4	2	2	3.6	1.17 {165}	0.4×10^{-4}	770
103H7822-0740 (0710)	1.8	2.74	3	0.92	1.38	1.17 {165}	0.4×10^{-4}	770
103H7823-0140 (0110)	1.8	10.4	1	10.4	21.7	2.1 {300}	0.84×10^{-4}	1340
103H7823-0440 (0410)	1.8	5.2	2	2.6	5.6	2.1 {300}	0.84×10^{-4}	1340
103H7823-0740 (0710)	1.8	3.6	3	1.2	2.4	2.1 {300}	0.84×10^{-4}	1340

103H7822 type Performance



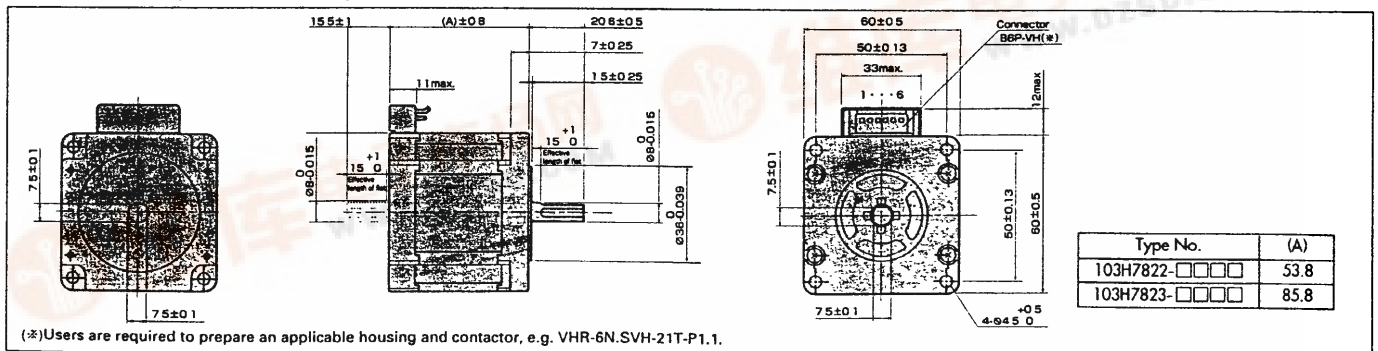
Drive circuit SLA-7026M
Drive voltage 24VDC
Exciting current Two-phase excitation -0110:1A/phase (Ave.)
-0410:2A/phase (Ave.) -0710:A/phase (Ave.)
Load inertia $J_L: 2.6 \times 10^{-4} \text{kg} \cdot \text{m}^2$

103H7823 type Performance



Drive circuit SLA-7026M
Drive voltage 24VDC
Exciting current Two-phase excitation -0110:1A/phase (Ave.)
-0710:A/phase (Ave.)
Load inertia $J_L: 7.4 \times 10^{-4} \text{kg} \cdot \text{m}^2$

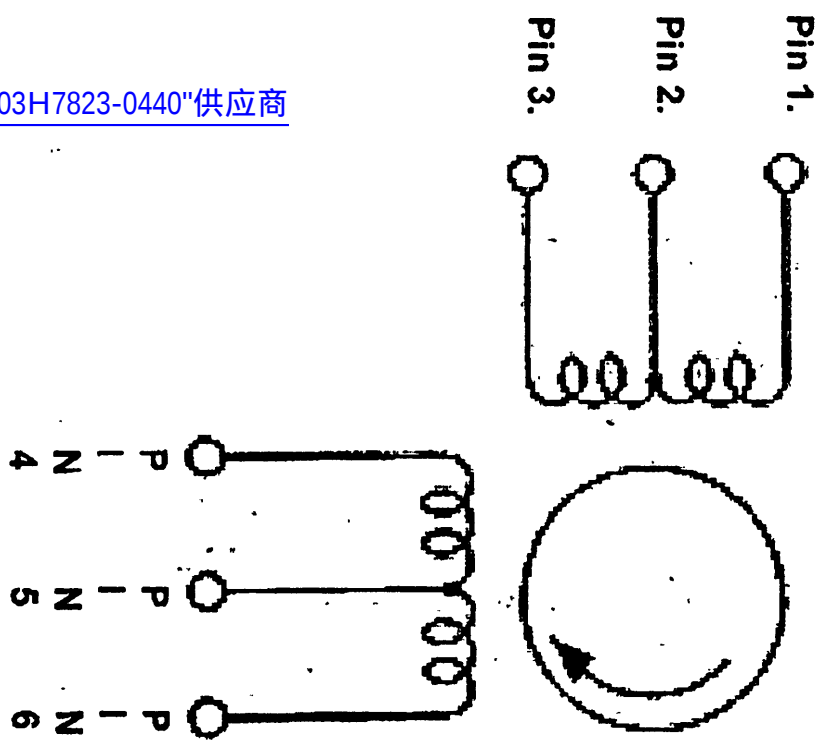
Dimensions (in millimeters)



Type No.	(A)
103H7822-□□□□	53.8
103H7823-□□□□	85.8

SANYO DENKI

Pin - Out Connections for the 103H78XX-XXXX Series of Sanyo Denki Motors



		Lead wire colors				
		Pins 2+5	Pin 4	Pin 3	Pin 6	Pin 1
Step	1	⊕	⊖	⊖		
	2	⊕		⊖	⊖	
	3	⊕			⊖	⊖
	4	⊕	⊖			⊖