



5-phase stepping motor

106mm cir. 103H8958□-6□□□
 CE marked
 0.72°/step



● Applicable drivers

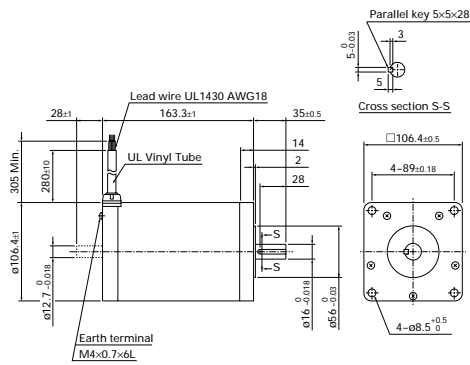


Specifications

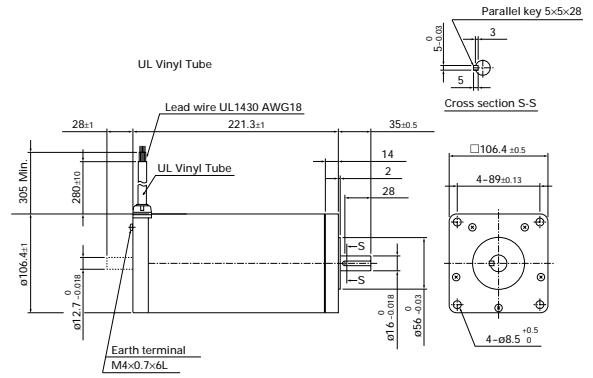
Model number		Holding torque at 5-phase energization N.m or more	Rated current A/phase	Wiring resistance Ω/phase	Wiring inductance mH/phase	Rotor inertia x 10 ⁻⁴ kg·m ²	Weight kg
Single-axis	Dual-axis						
103H89582-6050	-6020	10.8	0.75	9	90	14.6	7.5
103H89582-6250	-6220	10.8	1.5	2	26	14.6	7.5
103H89583-6050	-6020	16	0.75	12.5	125	22	10.5
103H89583-6250	-6220	16	1.5	2.9	33.4	22	10.5

Dimensions (unit: mm)

103H89582-6050/6250 (Single shaft)
 103H89582-6020/6220 (Double shaft)

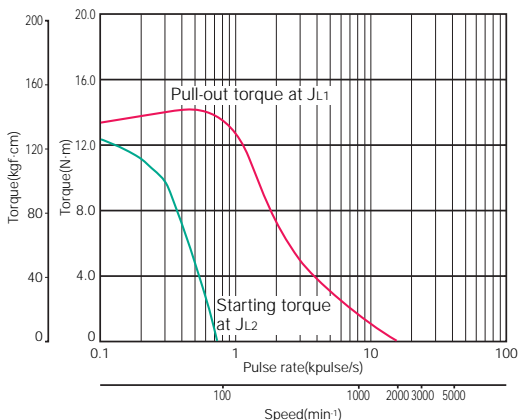


103H89583-6050/6250 (Single shaft)
 103H89583-6020/6220 (Double shaft)



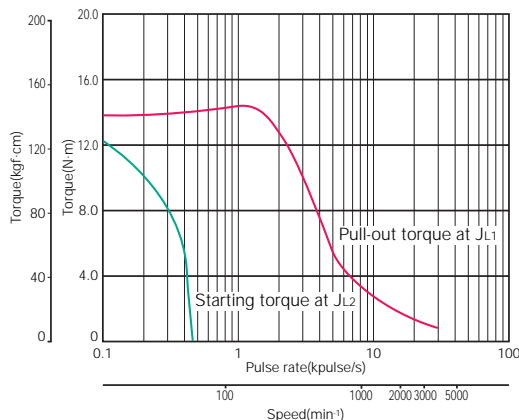
Pulse rate-torque characteristics

●103H89582-6050



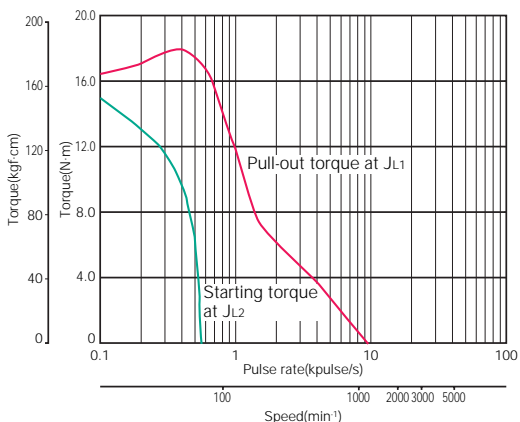
Sanyo constant current circuit
 Source voltage : 100V AC · Winding current : 0.75A/phase
 5-phase excitation (Full step)
 $J_{L1}=43 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (With rubber coupling)
 $J_{L2}=43 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (With rubber coupling)

●103H89582-6250



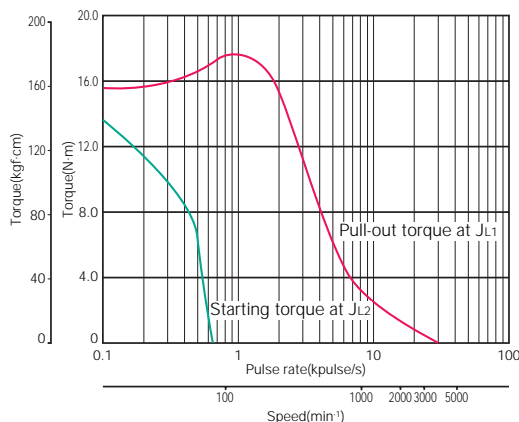
Sanyo constant current circuit
 Source voltage : 100V AC · Winding current : 1.5A/phase
 5-phase excitation (Full step)
 $J_{L1}=43 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (With rubber coupling)
 $J_{L2}=43 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (With rubber coupling)

●103H89583-6050



Sanyo constant current circuit
 Source voltage : 100V AC · Winding current : 0.75A/phase
 5-phase excitation (Full step)
 $J_{L1}=43 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (With rubber coupling)
 $J_{L2}=43 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (With rubber coupling)

●103H89583-6250



Sanyo constant current circuit
 Source voltage : 100V AC · Winding current : 1.5A/phase
 5-phase excitation (Full step)
 $J_{L1}=43 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (With rubber coupling)
 $J_{L2}=43 \times 10^{-4} \text{kg} \cdot \text{m}^2$ (With rubber coupling)

□39mm (0.36")

□60mm (0.45")

□28mm (0.72")

□42mm (0.72")

□50mm (0.72")

□60mm (0.72")

□60mm (0.72")

□86mm (0.72")

□106mm (0.72")

CE marked

Specifications of 5-phase stepping motor

In-vacuum stepping motor