

## Sanyo Denki - StepSyn Stepping Motors

# 103H7833-0310



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The **103H7833-0310** is a part of the **StepSyn Stepping Motors Series** by **Sanyo Denki**.

## Specifications

<b>Ambient Operating Temperature:</b>	-10°C to +50°C	<b>Axial Play:</b>	0.025 mm (maximum, at 4.4N load)	<b>Holding Torque (2-phase Energization):</b>	1.68 N·m (237.90 oz·in)
<b>Insulation Resistance:</b>	>100M $\Omega$ (at DC500V)	<b>Insulation Withstand Voltage:</b>	1000V AC/50 Hz to 60 Hz for 1 minute	<b>Lead Wire:</b>	UL1430 AWG22
<b>Mass (weight):</b>	1.34 kg (2.95 lbs)	<b>Maximum Operating Frequency:</b>	50 kpulse/s	<b>Radial Play:</b>	0.075 mm (maximum, at 9N load)
<b>Rated Current:</b>	3 A/phase	<b>Rotor Inertia:</b>	0.84 $\times 10^{-4}$ kg·m <sup>2</sup> (4.59 oz·in <sup>2</sup> )	<b>Source Voltage:</b>	DC24V
<b>Step Angle:</b>	1.2°/step	<b>Winding Inductance:</b>	3.2 mH/phase	<b>Winding Resistance:</b>	2.4 $\Omega$ /phase
<b>Last Verified:</b>	07/18/2025 11:28 PM				

## Contact Us

 1620 Old Apex Road, Cary, NC 27513, USA

 Toll Free: [1-888-551-3082](tel:1-888-551-3082)

 International: [1-919-443-0207](tel:1-919-443-0207)

 Fax: [1-919-867-6204](tel:1-919-867-6204)

 Email: [sales@automation-factory.com](mailto:sales@automation-factory.com)

## Shipping Options



## Payment Methods

