



## Danaher - Slo-Syn Stepping Motors

### TS50U



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The **TS50U** is a part of the **Slo-Syn Stepping Motors Series** by **Danaher**.

## Specifications

<b>Acceleration:</b>	100,000 rad/sec <sup>2</sup>	<b>Bearing Life (L10):</b>	2 billion revolutions	<b>Bore Size:</b>	0.250 in or 0.375 in
<b>Frequency Response:</b>	100 kHz	<b>Lines per Revolution:</b>	200, 400, 500, 1250 lines/rev	<b>Minimum Shaft Length:</b>	0.56 in
<b>Moment of Inertia:</b>	2.6×10 <sup>-4</sup> to 5.0×10 <sup>-4</sup> oz·in·sec <sup>2</sup>	<b>Mounting Holes:</b>	2 #4-40 at 180° on 1.812 in BC	<b>Operating Temp (no complements):</b>	-10 °C to +80 °C
<b>Operating Temp (with complements):</b>	-10 °C to +100 °C	<b>Perpendicularity (shaft-to-mount):</b>	0.005 in TIR	<b>Required Shaft Length:</b>	0.70 in
<b>Shaft Endplay:</b>	SPR 0.010 in to 0.060 in withstands 10 lb pull	<b>Slew Speed (alt max):</b>	7,000 rpm	<b>Slew Speed (max):</b>	15,000 rpm
<b>Strain Relief:</b>	07/25/2025	<b>Supply Voltage:</b>	5 V DC	<b>Weight:</b>	2.1 oz to 6 oz
<b>Last Verified:</b>	2:20 AM				

## 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



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