

Danaher - Slo-Syn Stepping Motors

M063-FD06U



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The **M063-FD06U** is a part of the **Slo-Syn Stepping Motors Series** by **Danaher**.

Specifications

Acceleration:	100,000 rad/sec ² Up to 100 kHz; <=0.5% at 50 kHz; <=1%	Bearing life (L10):	2e9 revolutions	Bore size:	0.250 or 0.375 in
Frequency response:		Max slew speed:	15,000 rpm (7,000 rpm alt)	Minimum shaft length:	0.56 in
Moment of inertia:	2.6-5.0 x10 ⁻⁴ oz-in-sec ²	Mounting holes:	2 x #4-40 on 1.812 in BC at 180°	Output format:	Dual-channel quadrature, >=45° edge sep; index & comp.
Required shaft length:	0.70 in	Shaft diameter (large bore):	0.3745-0.3750 in	Shaft diameter (small bore):	0.2495-0.2500 in
Shaft endplay:	-0.010 to -0.060 in	Shaft-to-mount perpendicularity:	0.005 in TIR	Strain relief pull-out strength:	10 lb pull
Supply voltage:	5 VDC	Weight:	2.1 oz (6 oz alt)	Last Verified:	07/25/2025 2:22 PM

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Shipping Options



Payment Methods



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