

Danaher - Slo-Syn Stepping Motors

M111-FD-304



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- ☒ Parts ship in as little as 24 hours
- ☒ Up to half the cost of the manufacturer



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The **M111-FD-304** is a part of the **Slo-Syn Stepping Motors Series** by **Danaher**.

Specifications

Acceleration:	100,000 rad/sec ² 200, 400, 500 cycles/rev or 1250 lines/rev	Bearing life (L10):	2×10 ⁷ revolutions 3.0 arc min max	Bore size:	0.250 or 0.375 in
Encoder resolution:		Frequency accuracy:		Frequency response:	100 kHz
Minimum required shaft length:	0.70 in	Minimum usable shaft length:	0.56 in	Modulation tolerance:	±0.5% @50 kHz (1% w/ complements)
Moment of inertia (alt):	5.0×10 ⁻⁴ oz-in-sec ² max 2 × #4-40 on 1.812 in bolt circle	Moment of inertia (std):	2.6×10 ⁻⁴ oz-in-sec ² max SPR0.010 to SPR0.060 in	Motor series:	SLO-SYN DC 43/44 step motor
Mounting holes:		Shaft endplay:		Shaft perpendicularity:	0.005 in TIR
Slew speed:	7,000 or 15,000 rpm max	Strain relief pull strength:	10 lb	Supply voltage:	5 VDC
Weight:	2.1 oz (light), 6 oz (heavy)	Last Verified:	07/25/2025 9:34 AM		

Contact Us

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Shipping Options



Payment Methods

