

#### **Danaher - Slo-Syn Stepping Motors**

## M111-FD-304



# Request a Quote

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- ☑ 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 <sup>2</sup> 200, 400, 500	Bearing life (L10):	2×10? revolutions	Bore size:	0.250 or 0.375 in
Encoder resolution:	cycles/rev or 1250 lines/rev	Frequency accuracy	3.0 arc min max		100 kHz
Encouer resolution.	1250 11165/164	Frequency accuracy	•	Frequency response:	?0.5% @50 kHz
Minimum required shaft length:	0.70 in	Minimum usable shaft length:	0.56 in	Modulation tolerance:	(1% w/ complements)
Moment of inertia (alt):	5.0×10?? oz-in- sec² max	Moment of inertia (std):	2.6×10?? oz-in- sec² max	Motor series:	SLO-SYN DC 43/44 step motor
Mounting holes:	2 × #4-40 on 1.812 in bolt circle	Shaft endplay:	≤==0.010 to ≤==0.060 in	Shaft perpendicularity:	0.005 in TIR
Slew speed:	7,000 or 15,000 rpm max 2.1 oz (light), 6	Strain relief pull strength:	10 lb 07/25/2025	Supply voltage:	5 VDC
Weight:	oz (heavy)	Last Verified:	9:34 AM		

#### **Contact Us**

- ♀ 1620 Old Apex Road, Cary, NC 27513, USA
- J Toll Free: <u>1-888-551-3082</u>
- International: <u>1-919-443-0207</u>
- 둼 Fax: <u>1-919-867-6204</u>
- Email: <u>sales@automation-factory.com</u>

## **Shipping Options**



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