

Hybrid Stepper Motor NEMA 17 (42 x 42 mm)



Specification

Step Angle	1.8°
Step Angle Accuracy	± 5 %
Number of Phase	4
Rated Voltage	1.2 VDC
Rated Current	1.2 A
Resistance/Phase	3.3 ± 10 % OHMS @ 20 °C
Inductance/Phase	2.8 ± 20 % mH @ 1 KHz
Holding Torque	3170 g. cm
Motor Inertia	68 g.cm ²
Weight	350 g
Temperature Rise	< 80 k
Source Voltage	24 VDC
Insulation Class	B 130 °C
Dielectric Strength	500 VAC
Insulation Resistance	100 MOhm @ 500 VDC
IP	IP30
Operation Ambient	-20...50 °C, Humidity Max 85%
Storage Ambient	-20...85 °C, Humidity Max 85%
Axial-Force	Fa = 10 N Max
Distance	a = 20 mm
Radial Force	Fr = 28 N Max
Shaft Radial Play	0.02 mm Max. @4 N
Shaft Axial Play	0.08 mm Max. @4 N

Art. Nr.
RND 420-00007

Drawings

