

HT11-021

NEMA 11 High Torque Step Motor

1pc. - 51.00
50pc. - 38.25



Product Features

- 2-phase hybrid step motor
- High torque design
- Standard NEMA 11 dimensions



Description

Product Description:

The HT11-021 two-phase stepper motor is suitable for a wide range of motion control applications.

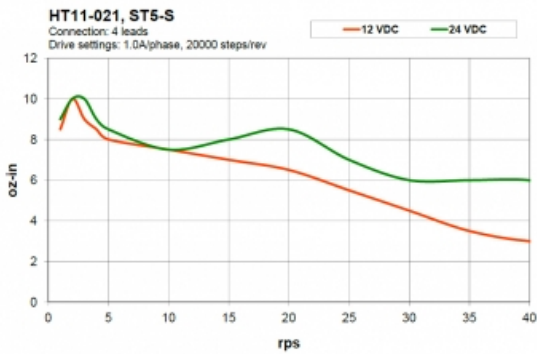
Specifications

Part Number:	HT11-021
Frame Size:	NEMA 11
Motor Type:	High torque
Part Number w/Double Shaft:	HT11-021D
Motor Length:	2.05 inches
Number of Lead Wires:	4
Lead Wire Configuration:	flying leads, no connector
Lead Wire/Cable Length:	8 inches inches
Lead Wire Gauge:	26 AWG
Bipolar Holding Torque:	14.16 oz-in
Step Angle:	1.8 deg
Bipolar Parallel Current:	1.0 A/phase
Bipolar Parallel Resistance:	2.0 Ohms/phase
Bipolar Parallel Inductance:	2.4 mH/phase
Rotor Inertia:	2.55E-04 oz-in-sec ²
Integral Gearhead:	No
Weight:	0.44 lbs
Storage Temperature:	-30 to 70 °C
Operating Temperature:	-20 to 50 °C
Insulation Class:	Class B (130 °C)
Maximum Radial Load:	3.37 lbs
Maximum Thrust Load:	1.80 lbs
Shaft Run Out:	0.001 inch T.I.R. max
Radial Play:	0.001 inch max w/ 1.1 lb load
End Play:	0.003 inch max w/ 1.1 lb load
Perpendicularity:	0.004 inches
Concentricity:	0.003 inches

Downloads

Family Datasheet:	 StepMotorWiring-4-lead.pdf
Datasheet:	http://s3.amazonaws.com/applied-motion-pdf/HT11-021.pdf
2D Drawing:	 HT11-021_RevA.pdf
3D Drawing:	 HT11-021.igs  HT11-021D.igs
Speed-Torque Curves:	 HT11-021_TorqueCurve.pdf

Torque Curves



Pricing

	HT11-021 Part No. w/ Single Shaft	HT11-021D Part No. w/ Double Shaft
1pc.	\$51.00	\$51.00
25pc.	\$43.86	\$43.86
50pc.	\$38.25	\$38.25
100pc.	Request a Quote for 100+ piece pricing.	