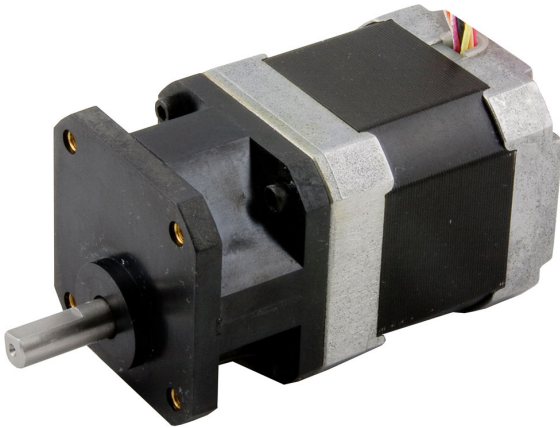


17071-2-05S

NEMA 17 Stepper Gearmotor



Product Features

- Cost effective gearmotor
- NEMA 17 step motor with gearhead
- 5:1 ratio amplifies step motor torque
- Offset parallel output shaft
- High torque design
- Strong composite gearhead body



Description

The 17071-2-05S stepper gearmotor is a NEMA 17 step motor and 5:1 gearhead pre-assembled for ease-of-use and greater output torque than the step motor by itself.

A double-shaft version of this gearmotor, part number 17071-2-05D, is also available. Please [call or email](#) for price and delivery.

Specifications

Part Number	17071-2-05S
Frame Size	NEMA 17
Motor Type	Gearmotor
Part Number w/Double Shaft	NA
Part Number w/Encoder	NA
Motor Length	2.52 inches
Number of Lead Wires	8
Lead Wire Configuration	flying leads, no connector
Lead Wire/Cable Length	12 inches
Lead Wire Gauge	26 AWG
Unipolar Holding Torque	105 oz-in
Bipolar Holding Torque	105 oz-in

Step Angle	1.8 deg
Bipolar Series Current	0.85 A/phase
Bipolar Series Resistance	6.6 Ohms/phase
Bipolar Series Inductance	14.4 mH/phase
Bipolar Parallel Current	1.70 A/phase
Bipolar Parallel Resistance	1.7 Ohms/phase
Bipolar Parallel Inductance	3.6 mH/phase
Unipolar Current	1.20 A/phase
Unipolar Resistance	3.3 Ohms/phase
Unipolar Inductance	3.6 mH/phase
Rotor Inertia	8.69E-04 oz-in-sec ²
Integral Gearhead	Yes
Gearhead Ratio	5:1
Gearhead Continuous Torque	105 oz-in
Gearhead Peak Torque	125 oz-in
Gearhead Efficiency	80%
Weight	1.16 lbs
Storage Temperature	-40 to 70 °C
Operating Temperature	-20 to 50 °C
Insulation Class	Class B (130 °C)
Maximum Radial Load	4.5 lbs
Maximum Thrust Load	3.5 lbs
Shaft Run Out	NA
Radial Play	0.002
End Play	0.010
Perpendicularity	NA
Concentricity	NA