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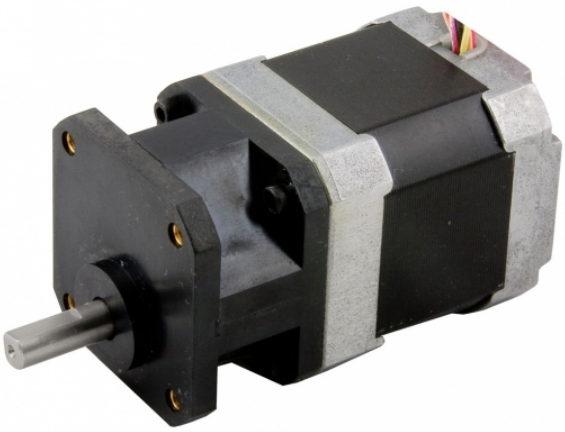
Product Datasheet

www.Applied-Motion.com

17075-2-10S

NEMA 17 Stepper Gearmotor

1pc. - 301.00
50pc. - 225.75



Product Features

- *Cost effective gearmotor*
- *NEMA 17 step motor with gearhead*
- *10:1 ratio amplifies step motor torque*
- *Offset parallel output shaft*
- *High torque design*
- *Strong composite gearhead body*

RoHS

Description

Product Description:

The 17075-2-10S stepper gearmotor is a NEMA 17 step motor and 10:1 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 17075-2-10D, is also available. Please call or email for price and delivery.

Specifications

Part Number:	17075-2-10S
Frame Size:	NEMA 17
Motor Type:	Gearmotor
Motor Length:	2.83 inches
Number of Lead Wires:	8
Lead Wire Configuration:	flying leads, no connector
Lead Wire/Cable Length:	12 inches 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:	12.0 mH/phase
Bipolar Parallel Current:	1.70 A/phase
Bipolar Parallel Resistance:	1.7 Ohms/phase
Bipolar Parallel Inductance:	3.0 mH/phase
Unipolar Current:	1.20 A/phase
Unipolar Resistance:	3.3 Ohms/phase
Unipolar Inductance:	3.0 mH/phase
Rotor Inertia:	1.10E-03 oz-in-sec^2
Integral Gearhead:	Yes
Weight:	1.26 lbs
Storage Temperature:	-40 to 70 °C
Operating Temperature:	-20 to 50 °C
Insulation Class:	Class B (130 ºC)

Maximum Radial Load:	4.5 lbs
Maximum Thrust Load:	3.5 lbs
Radial Play:	0.002
End Play:	0.010

Downloads

Family Datasheet:	StepMotorWiring-8-lead-striped.pdf
Datasheet:	http://s3.amazonaws.com/applied-motion-pdf/17075-2-10S.pdf
2D Drawing:	17-2-10_RevB.pdf HT17-075P_RevG.pdf
3D Drawing:	17HT47_17075-2-10S.igs

Pricing

	17075-2-10S Part No. w/ Single Shaft
1pc.	$301.00
25pc.	$258.86
50pc.	$225.75
100pc.	Request a Quote for 100+ piece pricing.