

Image shown is a representation only. Exact specifications should be obtained from the product data sheet.

ROB-09238

DigiKey Part Number	1568-1105-ND
Manufacturer	SparkFun Electronics
Manufacturer Product Number	ROB-09238
Description	STEPPER MOTOR HYBRID BIPOLAR 12V
Manufacturer Standard Lead Time	17 Weeks
Customer Reference	<input type="text"/>
Detailed Description	Bipolar Stepper Motor Hybrid Frame Size 17 200.0 Step 330 mA 12VDC
Datasheet	Datasheet

Product Attributes

In-Stock: 266

Can ship immediately

QUANTITY

Add to List


Add to Cart

All prices are in USD

Bulk

QUANTITY	UNIT PRICE	EXT PRICE
1	\$18.79000	\$18.79

Manufacturers Standard Package

TYPE	DESCRIPTION	SELECT ALL <input type="checkbox"/>
Category	Motors, Actuators, Solenoids and Drivers	<input type="radio"/>
	Stepper Motors	<input checked="" type="radio"/>
Mfr	SparkFun Electronics	<input type="checkbox"/>
Series	-	<input type="checkbox"/>
Packaging	Bulk 	<input type="checkbox"/>
Part Status	Active	<input type="checkbox"/>
Type	Hybrid	<input type="checkbox"/>
Coil Type	Bipolar	<input type="checkbox"/>
Voltage - Rated	12VDC	<input type="checkbox"/>
Current Rating (Amps)	330 mA	<input type="checkbox"/>
Steps per Revolution	200.0	<input type="checkbox"/>
Step Angle	1.8°	<input type="checkbox"/>
Accuracy	-	<input type="checkbox"/>
Torque - Holding (oz-in / mNm)	32.57 / 230	<input type="checkbox"/>
Size / Dimension	Square - 1.665" x 1.665" (42.30mm x 42.30mm)	<input type="checkbox"/>
NEMA Frame Size	17	<input type="checkbox"/>
Diameter - Shaft	0.197" (5.00mm)	<input type="checkbox"/>
Length - Shaft and Bearing	0.945" (24.00mm)	<input type="checkbox"/>
Mounting Hole Spacing	1.220" (31.00mm)	<input type="checkbox"/>
Termination Style	Wire Leads	<input type="checkbox"/>
Operating Temperature	-	<input type="checkbox"/>
Coil Resistance	32.6 Ohms	<input type="checkbox"/>
Features	Round Shaft	<input type="checkbox"/>

Rotor Inertia	18.7gcm²	<input type="checkbox"/>
Approval Agency	-	<input type="checkbox"/>
Weight	0.441 lb (200.03 g)	<input type="checkbox"/>
<div><div>Report Product Information Error</div><div>View Similar</div></div>		

Documents & Media

RESOURCE TYPE	LINK
HTML Datasheet	SM-42BYG011-25 Drawing
Product Drawings	SM-42BYG011-25 Drawing

Environmental & Export Classifications


ATTRIBUTE	DESCRIPTION
RoHS Status	ROHS3 Compliant
Moisture Sensitivity Level (MSL)	1 (Unlimited)
REACH Status	REACH Unaffected
ECCN	EAR99
HTSUS	8501.10.4040

Additional Resources

ATTRIBUTE	DESCRIPTION
Other Names	1568-1105
	9238
	SM-42BYG011-25
Standard Package	1 ?

You May Also Be Interested In [See All](#)


15 Items



ROB-12779
STEPPER DRIVER 0.75A 30V LOAD
SparkFun Electronics

\$16.95000


Details



324
STEPPER MOTOR HYBRID BIPOLAR 12V
Adafruit Industries LLC

\$14.00000

Details



ROB-16836
SPARKFUN PRODRIVER - STEPPER MOT
SparkFun Electronics

\$21.50000

Details