PRODUCT DATASHEET

ES-ST-24HS2068-4D-400

Hollow Shaft Stepper Motors

Hollow Shaft Stepper Motors | 60 mm Hollow-Shaft Stepper Motor Series - ES-ST-HS07

Product Overview

Hollow Shaft Stepper Motors with continuous Rated Current 4 A RMS, step Angle 1.8 ° and body Length 68 mm.

Key Specifications

PARAMETER	VALUE	UNIT
Continuous Rated Current	4	A RMS
Step Angle	1.8	°
Body Length	68	mm
Motor Construction Type	Hollow Shaft Stepper Motor	
Frame Size	60	mm
Lead Wire Configuration	Bipolar, 4 flying leads	
Lead Wire Count	4	
NEMA Size	24	
Phase Count	2	

Technical Specifications

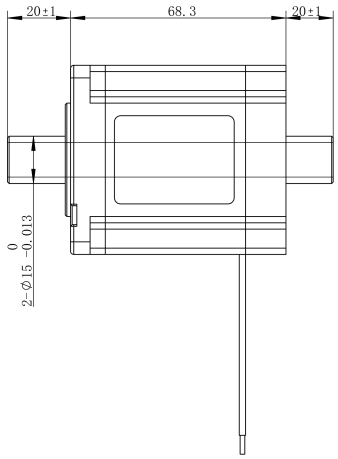
PARAMETER	SPECIFICATION	UNIT	NOTES
ELECTRICAL			
Continuous Rated Current	4	A RMS	Measurement Basis: rms
Step Angle	1.8	°	
Lead Wire Configuration	Bipolar, 4 flying leads		
Lead Wire Count	4		
Phase Count	2		
MECHANICAL			
Body Length	68	mm	
Frame Size	60	mm	
Shaft Configuration	Double shaft		
NEMA Size	24		
CONFIGURATION			
Motor Construction Type	Hollow Shaft Stepper Motor		

Dimensional & Integration Overview

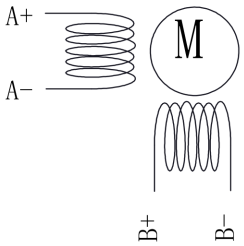
Mechanical Overview

PARAMETER	VALUE	UNIT
Body Length	68	mm
Frame Size	60	mm
Shaft Configuration	Double shaft	
NEMA Size	24	

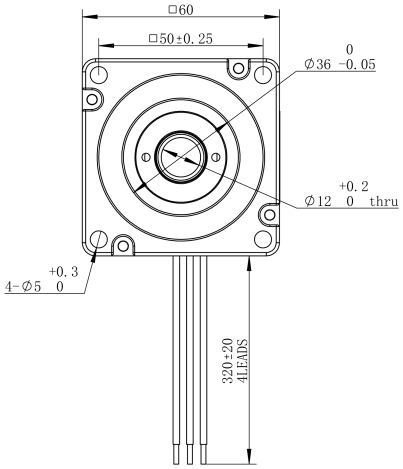
Dimensional Drawings



Mechanical View 1



Power Connector Pinout



Mechanical View 3

2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 1	Left mounting flange width	20±1
	Motor body length	68.3
	Right mounting flange width	20±1
	Mounting hole diameter and tolerance	2-Φ15 0/-0.013
Mechanical View 3	Internal dimension or reference mark	Φ9
	Mounting face square dimension	□50±0.25
	Shaft diameter	Φ36 0/-0.05
	Through hole diameter	Φ12 +0.2/0 thru
	4× hole diameter	4-Φ5 +0.3/0

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01 Specifications are subject to change without notice. Verify the current product configuration before final design release.

02 2D drawings, CAD files and integration documentation are controlled documents and are supplied separately on request.