

PRODUCT DATASHEET

ES-ST-6HS2030-4D-030-100

Hollow Shaft Stepper Motors

Hollow Shaft Stepper Motors | 14 mm Hollow-Shaft Stepper Motor Series - ES-ST-HS01

Product Overview

Hollow Shaft Stepper Motors with continuous Rated Current 0.3 A RMS, step Angle 1.8 ° and body Length 30 mm.

Key Specifications

PARAMETER	VALUE	UNIT
Continuous Rated Current	0.3	A RMS
Step Angle	1.8	°
Body Length	30	mm
Motor Construction Type	Hollow Shaft Stepper Motor	
Frame Size	14	mm
Lead Wire Configuration	Bipolar, 4 flying leads	
Lead Wire Count	4	
NEMA Size	6	
Phase Count	2	

Technical Specifications

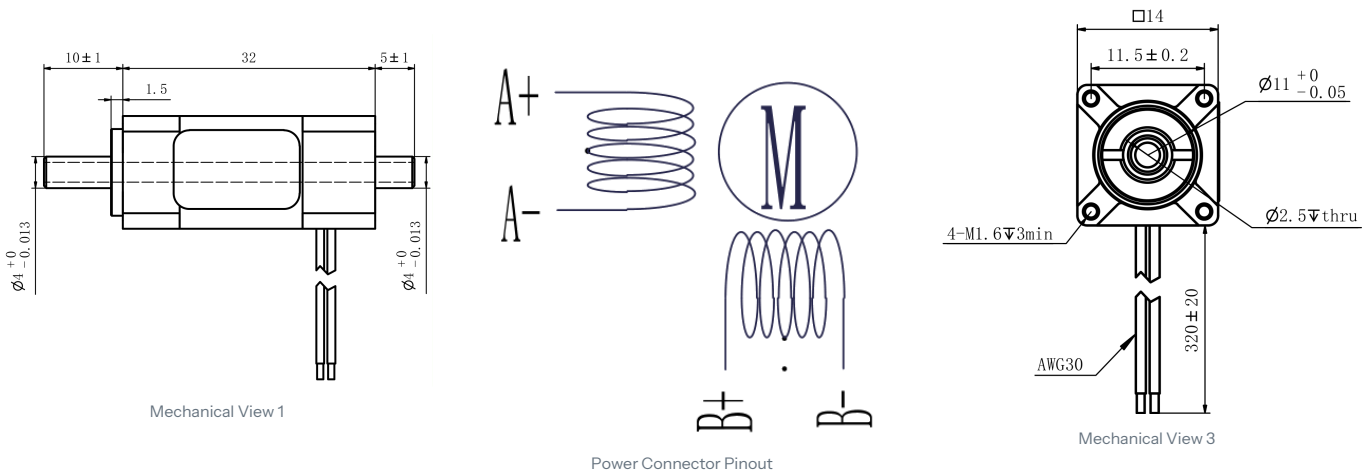
PARAMETER	SPECIFICATION	UNIT	NOTES
ELECTRICAL			
Continuous Rated Current	0.3	A RMS	Measurement Basis: rms
Step Angle	1.8	°	
Lead Wire Configuration	Bipolar, 4 flying leads		
Lead Wire Count	4		
Phase Count	2		
MECHANICAL			
Body Length	30	mm	
Frame Size	14	mm	
Shaft Configuration	Double shaft		
NEMA Size	6		
CONFIGURATION			
Motor Construction Type	Hollow Shaft Stepper Motor		

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Length	30	mm
Frame Size	14	mm
Shaft Configuration	Double shaft	
NEMA Size	6	

Dimensional Drawings



2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 1	Nameplate mounting left width	10±1 mm
	Nameplate mounting right width	5±1 mm
	Nameplate mounting center width	32 mm
	Nameplate mounting boss depth	1.5 mm
	Left mounting hole diameter and tolerance	Ø4 +0/-0.013 mm
	Right mounting hole diameter and tolerance	
Mechanical View 3	Housing square side length	14 mm square
	Mounting hole center distance	11.5±0.2 mm
	Mounting hole diameter with tolerance	Ø11 +0/-0.05 mm
	Through hole diameter	Ø2.5 mm through hole with countersink
	Threaded hole specification and depth	4 x M1.6 threaded holes, minimum depth 3 mm with countersink

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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.