

PRODUCT DATASHEET

ES-ST-23HS2065-4D-250

Hollow Shaft Stepper Motors

Hollow Shaft Stepper Motors | 57 mm Hollow-Shaft Stepper Motor Series - ES-ST-HS06

Product Overview

Hollow Shaft Stepper Motors with continuous Rated Current 2.5 A RMS, step Angle 1.8 ° and body Length 65 mm.

Key Specifications

PARAMETER	VALUE	UNIT
Continuous Rated Current	2.5	A RMS
Step Angle	1.8	°
Body Length	65	mm
Motor Construction Type	Hollow Shaft Stepper Motor	
Frame Size	57	mm
Lead Wire Configuration	Bipolar, 4 flying leads	
Lead Wire Count	4	
NEMA Size	23	
Phase Count	2	

Technical Specifications

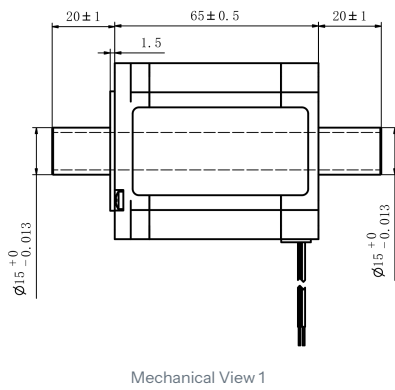
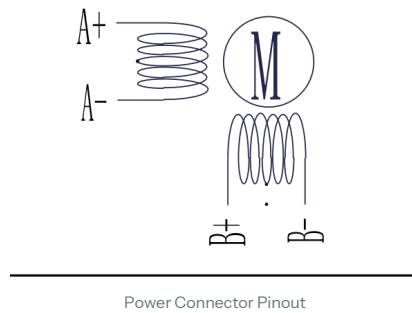
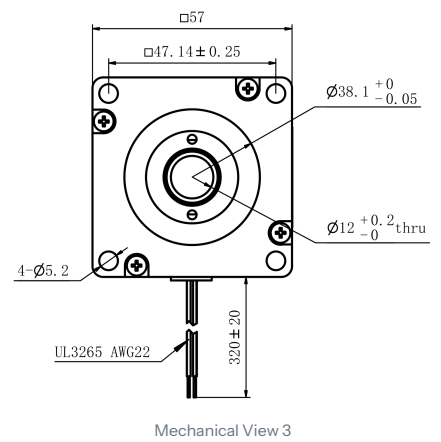
PARAMETER	SPECIFICATION	UNIT	NOTES
ELECTRICAL			
Continuous Rated Current	2.5	A RMS	Measurement Basis: rms
Step Angle	1.8	°	
Lead Wire Configuration	Bipolar, 4 flying leads		
Lead Wire Count	4		
Phase Count	2		
MECHANICAL			
Body Length	65	mm	
Frame Size	57	mm	
Shaft Configuration	Double shaft		
NEMA Size	23		
CONFIGURATION			
Motor Construction Type	Hollow Shaft Stepper Motor		

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Length	65	mm
Frame Size	57	mm
Shaft Configuration	Double shaft	
NEMA Size	23	

Dimensional Drawings



2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 1	Nameplate mounting hole left spacing	20±1 mm
	Nameplate mounting hole center-to-center distance	65±0.5 mm
	Nameplate mounting hole right spacing	20±1 mm
	Nameplate mounting boss thickness	1.5 mm
	Left nameplate mounting hole diameter and tolerance	Φ15 +0/-0.013 mm
	Right nameplate mounting hole diameter and tolerance	
Mechanical View 3	Square flange outer dimension	57 mm square
	Square mounting hole pitch	47.14±0.25 mm square
	Output shaft diameter with tolerance	Φ38.1 +0/-0.05 mm
	Center hole diameter with tolerance, through	Φ12 +0.2/-0 mm through hole
	Mounting hole quantity and diameter	4 holes, Φ5.2 mm each

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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.