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MOTION CONTROL	Stepper Motors Brushless DC Motors Integrated Stepper Motors	Slotless/Coreless Motors Field Bus Linear Motion Products	Servo Motors Drives Accessories
INTELLIGENT LIGHTING	Intelligent LED Drivers LED Drivers Products Center	General LED Drivers	LED Driver Accessories & software
CONDITION MONITORING	Vibration Inspector	Vibration Analyzer	Wireless Supervisor

APPLICATIONS

3D PRINTER	SECURITY	MEDICAL & LIFE SCIENCES	LIGHTING
TEXTILE	TELECOM	OTHER	

SUPPORT & TRAINING



APPLICATION NOTES

TECHNICAL COLLEGE

SOFTWARE & TOOLS

DOWNLOADS

FAQ

сизтом DESIGNS

NEW PRODUCTS

SLOTLESS MOTOR Limited Space Infinite Power

0-10V Dual Driver This series operates from 90~305VAC with **Tunable White functions**

Anti-corrosion Hybrid Stepper Motors Protective Coating Prevents Rust and Corrosion

TSM Integrated Motor MOONS' 3rd Generation Integrated Step-Servo

Coreless Brushed DC Motors Smaller Size, Higher Torque, Higher Speed

NEWS

Land Purchased for New Corporate Headquarters

Applied Motion Products had purchased land to build new corporate headquarters in Morgan Hill, CA, located in Santa Clara County at the southern tip of Silicon Vallev

MOONS' Industries Europe 10th anniversary ceremony was held successfully

On June 15th, 2019, local time in Europe, MOONS Industries Europe held a celebration of the company's 10th anniversary at the Bauer Palazzo Hotel in Venice.

MORE NEWS

EVENTS

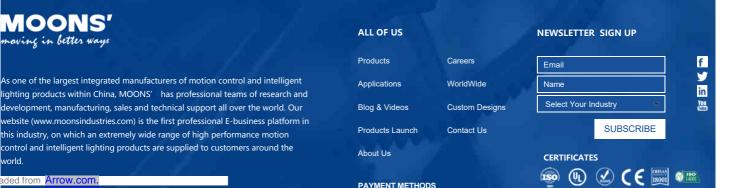
2019 SPS - smart production solutions

Date: November 26-28, 2019 Venue: Nuremberg Exhibition Centre Booth: HALL 1. 1-228 Exhibits: Stepper Motor Products:HB stepper motor:-14HK/16HS/17HA/17HC/23HY series..

SHANGHAITEX 2019

Date: November 25-28, 2019 Venue: Shanghai New International Expo Centre Booth: HALL E1, G21 Exhibits Brushless DC Products:Brushless DC Motor Products: Circular series: R42BL~R80BL





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PAYMENT METHODS

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Home / Stepper Motors / Hybrid Stepper Motors / High Precision Hybrid Stepper Motors / NEMA 23 High Precision Hybrid Stepper Motors / MS23HA8L4360-E

MS23HA8L4360-E

Stepper motor, Double shaft, High accuracy, High efficiency, High reliability, 2 phase, 0.9°, NEMA23

- High Resolution,Low Noise
- High Torque,Low VibrationHigh Efficiency
- Available options for Flexible Coupling, Damper

Learn More About NEMA 23 High Precision Hybrid Stepper Motors

Collection







Specification Torque Speed Curves Mechan	nical Size Downloads	Recommended Options Delivery & Packaging
Parameter	Unit	Value
Phase		2
Step Angle		0.9°
Shaft		Double
Frame Size		NEMA23(56.4mm)
Length	mm	55
Rated Current	А	3.6
Holding Torque	Nm	1.5
Holding Torque	oz-in	212.43
Resistance	Ohms ±10%@20°C	0.63
Inductance	mH Typ.	1.62
Coil Type		Bi-Polar
Detent Torque	mNm	24
Rotor Inertia	gcm²	221
Front Shaft Length	mm	20.6
Front Shaft Diameter	mm	6.35
Rear Shaft Length	mm	13
Rear Shaft Diameter	mm	6.35
Terminal Number		4
Connect		Leads
Insulation Class		B(130°C)
Approvals		UL,RoHS
IP Rating		IP40
Weight	kg	0.6

Recommended Options





SR4-Plus

Supply Voltage:24VDC-48VDC, Output

Current(peak):1Amps-4.5Amps, Step

Resolutions(1.8°Stepper): Full Step, 2x, 4x, 5x, 8x, 10x, 16x, 20x, 25x, 32x, 40x, 50x, 64x,

100x, 125x, 128x Microstepping, Step Pulse Frequency:2MHz Max, Selectable

Damping Modes For Smooth Motion



Damper00014 Shock Absorber, Vibration Damper for Stepper Motor



SR8-Plus Supply Voltage:24VDC-75VDC, Output Current(peak):2.4Amps-7.8Amps, Step Resolutions(1.8°Stepper): Full Step, 2x, 4x, 5x, 8x, 10x, 16x, 20x, 25x, 32x, 40x, 50x, 46x, 100x, 125x, 128x Microstepping, Step Pulse Frequency:2MHz Max, Selectable Damping Modes For Smooth Motion





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Got it