



PRODUCTS

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

TRAINING
CENTER

APPLICATION
NOTES

TECHNICAL
COLLEGE

SOFTWARE &
TOOLS

DOWNLOADS

FAQ

CUSTOM
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 Valley.

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...

SHANGHAIITECH 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...

MORE EVENTS

MOONS'
moving in better ways

As one of the largest integrated manufacturers of motion control and intelligent
lighting products within China, MOONS' has professional teams of research and
development, manufacturing, sales and technical support all over the world. Our
website (www.moonsindustries.com) is the first professional E-business platform in
this industry, on which an extremely wide range of high performance motion
control and intelligent lighting products are supplied to customers around the
world.

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PAYMENT METHODS



MS23HA8L4360-E

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

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

Learn More About [NEMA 23 High Precision Hybrid Stepper Motors](#)



Specification

Torque Speed Curves

Mechanical Size

Downloads

Recommended Options

Delivery & Packaging

Parameter	Unit	Value
Phase		2
Step Angle		0.9°
Shaft		Double
Frame Size		NEMA23(56.4mm)
Length	m m	55
Rated Current	A	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	m m	20.6
Front Shaft Diameter	m m	6.35
Rear Shaft Length	m m	13
Rear Shaft Diameter	m m	6.35
Terminal Number		4
Connect		Leads
Insulation Class		B(130°C)
Approvals		UL,RoHS
IP Rating		IP40
Weight	kg	0.6

Recommended Options



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, 64x, 100x, 125x, 128x Microstepping, Step Pulse Frequency:2MHz Max, Selectable Damping Modes For Smooth Motion



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

Filter By Product Type

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