

Zero Emission Motorbike: A Sustainable Ride

Summary

Zero Motorcycles is a leading manufacturer of electric motorcycles, and Moog's high-performance electric motors are currently playing a key role in the development of its powertrain systems, helping to deliver maximum torque and acceleration while maintaining high energy efficiency.

One of the advantages of using Moog special servomotors in Zero Motorcycles' products is their lightweight and flexible design as well as their compact size. The adaptability of Moog's approach allows the motors to be integrated into the motorcycle's frame without adding significant weight or bulk.

Moog motors are also known for their durability and reliability, which is essential for an application, such as electric bikes, designed for daily use, withstanding heavy loads and harsh operating conditions with frequent and fast accelerations and decelerations.

Moog's deep knowledge of electric motor technology has helped Zero Motorcycles develop a high-performance, efficient, and reliable line of products that will be actively shaping the future of environmentally friendly, sustainable transportation.



www.moog.com
www.zeromotorcycles.com

MOOG

MAKING THE IMPOSSIBLE POSSIBLE IN MOTION CONTROL

Moog Industrial excels in a wide range of applications, including industrial automation, metal working, robotics and medical motion control - just to name a few.

CONTROLS



SMARTMOTOR™



DECENTRALIZED DRIVES



MULTI-AXIS DRIVES



MACHINE CONTROLLERS



SINGLE-AXIS DRIVES

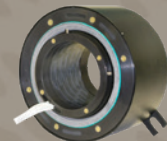
DATA AND MEDIA TRANSFER



ROTARY UNIONS



SLIP RINGS



MOTION



MOTORS AND BLOWERS



SERVO MOTORS



EM ACTUATORS

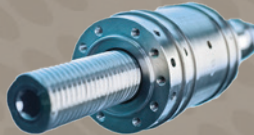


LINEAR MOTORS

MECHANICAL



BALL SCREWS



ROLLER SCREWS



INVERTED ROLLER SCREWS

Moog is a registered trademark of Moog Inc. and its subsidiaries. All trademarks as indicated herein are the property of Moog Inc. and its subsidiaries. ©2023 Moog Inc. All rights reserved. All changes are reserved.

Zero Emission Motorbike: A Sustainable Ride
MCM/Rev.-, April 2023

www.moog.com

MOOG