CoreMotion™
Liquid Cooling Pumps and Controls

Moog's CoreMotion™ magnetic pump with matching controller is designed for pumping coolant in direct-to-chip and immersion liquid cooling applications for heat removal. By integrating the rotor magnetics and the impeller into a single piece, our designs minimize the pump size and eliminate rotating seals, resulting in more compact pumps with fewer leak points. Moog's CoreMotion™ pumps are paving the way for data center cooling solutions.

Intelligent Liquid Coolant Distribution

- Compact Design: Saving valuable space in your data center

- No Rotating Seals: Our innovative design eliminates common failure points, ensuring longevity and reliability

- Intelligent Controls: Fine-tune performance with precision using our intelligent control system

- Integrated Sensors and Fluids Monitoring: Real-time insights for proactive maintenance

- Energy Efficient: Reducing operational costs

Shaping the way our world moves™

MOOG

COOLANT DISTRIBUTION YOU CAN RELY ON

CoreMotion™ Features

- Robust, compact construction
- Pressurized performance testing for leak detection
- Low maintenance, increasing longevity
- Stainless steel protects against high pressure
- Compatible with de-ionized water
- No rotating seals
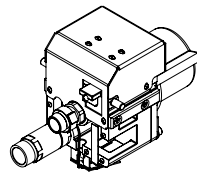- Adjustable speed

CoreMotion™ Advantages

- Higher flow in a smaller package
- Customizable solution
- Reduced power consumption
- Multiple communications options
- Integrated motor and pump eliminates seals

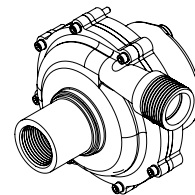# VARIOUS SIZING TO MEET YOUR DATA CENTER DESIGN NEEDS

Moog liquid cooling pump designs offer different frame sizes and matching intelligent controls. Contact a Moog expert to discuss sizing options.

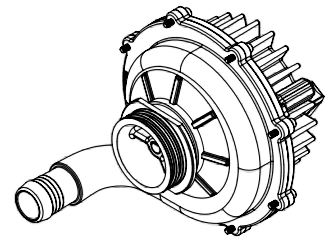All related technology is proudly owned by Moog.

Email us at **em-motioncontrol@moog.com**
www.moog.com/markets/datacentercooling

RM23 Pump   **RM30 Pump**   **RM44 Pump**

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