



DRIVEN BY POSSIBILITY™

DATA CENTER PUMPS

ELEVATE THE POWER, **REDEFINE THE LIMITS.**

Gates data center pumps are expertly engineered to maximize fluid flow in a compact design while being energy efficient and reliable.

With over a century of expertise, Gates has now adapted its advanced thermal management solutions to address the complexities of data center cooling systems. This evolution reflects our commitment to staying ahead of industry demands and ensuring optimal performance in critical environments.

AXIAL FLUX
MOTORS ARE
UP TO

25%
MORE EFFICIENT

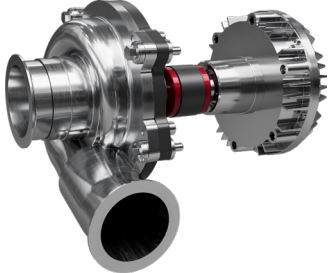
THAN
TRADITIONAL
MOTORS

FEATURES AND BENEFITS

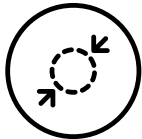
- **High-efficiency cooling:** Maximizes coolant flow, reducing energy consumption and operational costs
- **Modular and scalable:** Adapts to various Coolant Distribution Unit configurations
- **Detection capability:** Monitors for systems issues such as cavitation, air bubbles, or blockages
- **Compatibility in high voltage systems:** Engineered to be versatile, offering solutions to serve systems operating between 12v to 800v
- **Compatibility with multiple coolant types:** Compatible with all glycol-based coolants and dielectric coolants

A COMPLETE SOLUTION FOR LIQUID COOLING SYSTEMS

DATA CENTER PUMP PRODUCT FAMILY

SINGLE-PHASE RADIAL FLUX MOTOR	THREE-PHASE RADIAL FLUX MOTOR	THREE PHASE BLDC AXIAL FLUX MOTOR	THREE-PHASE PMAC AXIAL FLUX MOTOR
			
LOW POWER < 30W	MID POWER 30W - 100W	HIGH POWER 100W - 2100W	ULTRA-HIGH POWER 2.5kW-25kW
FLOW RATES UP TO ~20 L/MIN	FLOW RATES UP TO ~35 L/MIN	FLOW RATES UP TO ~400L/MIN	FLOW RATES > 1500 L/MIN

FEATURES AND BENEFITS



SCALABILITY

Effortless adaptability to diverse data center configurations



LEAK-PROOF DESIGN

Offers long-term reliability by intentionally eliminating leak and failure points



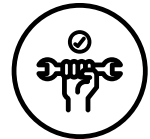
INTEGRATED MONITORING

Provides real-time feedback, enabling proactive maintenance and boosting system uptime



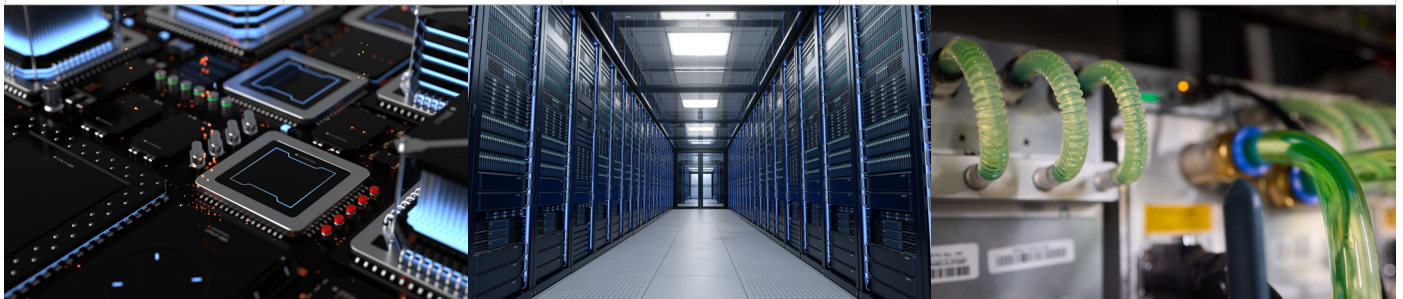
REDUCED NOISE LEVELS

It reduces typical vibrations and mechanical friction, ensuring a quieter environment



EASY TO INSTALL

Its small body and light weight make it easy to integrate into complex cooling systems



**EXPLORE MORE
DATA CENTER
COOLING SYSTEMS**

**ASK YOUR GATES
REPRESENTATIVE FOR
MORE INFORMATION**