

MOTIVO™

GENERAL PURPOSE MOTOR SPEED INTERNAL GEAR PUMP | PRODUCT BROCHURE



Blackmer

Where Innovation Flows



If efficient circulation is the name of the game, then the Blackmer® Motivo™ M Series Internal Gear Pump is essential for success. Designed to handle many fluids, the innovative Motivo M Series provides reliability, safety and easy maintenance across various applications in multiple industries.

ECONOMICAL MOTOR SPEED PUMPING PERFORMANCE

Blackmer Motivo | Internal Gear Pump

Backed by superior Blackmer customer service and support, Motivo offers peace-of-mind performance in general purpose pumping applications. From petrochemicals and biofuels to paints, resins and waxes, Motivo provides operators with the durability, flexibility and efficiency required for safe and secure fluid transfer. Designed for interchangeability with competitive pumps, Motivo can achieve up to 25% longer life under certain conditions.

With a single-point end clearance adjustment and an upgraded silicon carbide seal, Motivo is an ideal pumping technology for operators who need to continuously move light to medium fluids in challenging industrial applications.

When it's time for a new build or to replace your existing general purpose motor speed pump, choosing the right solution is essential in ensuring a smooth and successful operation. Motivo is an easy choice – offering quick lead times, a one-year warranty, long-lasting quality and a competitive price.



Right Hand Rotation
(From Drive End)

PUMP MODEL	PORT SIZES	MATERIALS	SEAL TYPE	NOMINAL PUMP RATING		MAX DISCHARGE PRESSURE	MAX TEMPERATURE	VISCOSITY
				RPM	GPM (M3/H)	PSIG (BAR)	FAHRENHEIT (CELSIUS)	SSU (CST)
M1-4	1-1/2" NPT	Cast Iron	Mechanical	1,750	20 (4.5)	150 (10.3)	400°F (204°C)	2,600 (550)

BLACKMER MOTIVO	VIKING®	GORMAN-RUPP®	ROPER®
M1-4	HL4195	GMS 1 1/2	2AM32

Note: Viking® is a registered trademark of Viking Pump, Inc., a unit of IDEX Corporation. Gorman-Rupp® is a registered trademark of Gorman-Rupp® Company. Roper® is a registered trademark of Roper Pump Company.

Blackmer Motivo | Features and Benefits

World-Class Manufacturing Facility

- **Manufacturing:** All Blackmer pumps are meticulously assembled and rigorously tested to meet our stringent performance standards.
- **Supply Chain:** Each component in a Blackmer pump undergoes a rigid Production Part Approval Process (PPAP) to ensure quality and reliability.
- **Quality Manufacturing:** Every Blackmer Internal Gear Pump is tested for flow, pressure and power before leaving the factory. The facilities comply with ISO 9001/14001 standards and are equipped with state-of-the-art coordinate measuring machines and 3D scanning equipment that ensure the highest level of part quality.
- **Testing Capabilities:** The R&D and testing laboratory is compliant with Hydraulic Institute 3.6 Standards and offers certified performance, NPSH and hydrostatic testing.
- **Global Support:** A full-service global distribution network is ready to serve new or existing Blackmer pump installations and is backed by responsive factory support.



Warranty Info

Blackmer Motivo Internal Gear products (pumps, accessories and parts) are backed with a one-year warranty. Each product manufactured by Blackmer is built to meet the highest standards of quality. Blackmer warrants that pumps, accessories and parts manufactured or supplied by it are free from defects in material and workmanship. For more details, please refer to the Installation Operation Maintenance Manual.

Delivery

How soon do you need your Motivo Pump and parts? Blackmer builds and ships equipment fast.

- **Pump:** Lead time as fast as 5 days for Motivo Pumps
- **Units:** 20-day lead time for Motivo Base-Mounted Units

Can other brands do that?



1-Year Limited
Warranty



5-Day Factory Lead
Time for Motivo Pumps



Competitive Prices



ATEX, CE and
TR CU Compliant



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