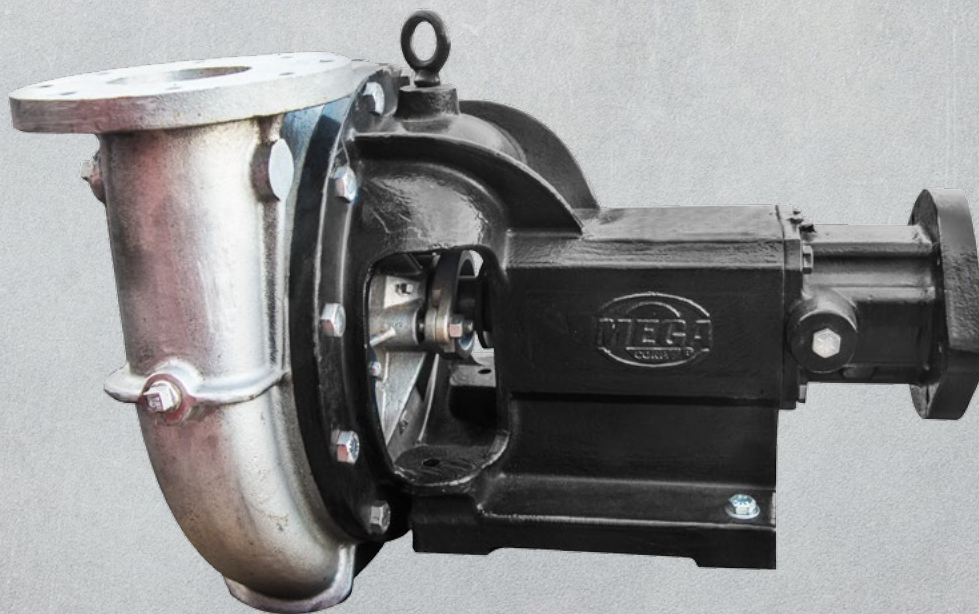




SPECIALTY HAULAGE SOLUTIONS FOR CONSTRUCTION AND MINING

PRODUCT INFORMATION BULLETIN

ANNOUNCEMENT OF THE M-4B WATER PUMP



PRODUCT INFORMATION BULLETIN

Announcement of M4-B Water Pump

Contents

Description	1	Detailed Specifications	2
Overview	1	Support Documentation	2

DESCRIPTION

Mega Corp. is pleased to announce our newest and most durable water pump model to date: the M4-B. The Mega M-4B is our most resilient water pump to date, and is a direct replacement for the M-4. This bulletin discusses the specifications of the M-4B and its advantages over other Mega water pump models.

For more information, please contact the MEGA Corp. Product Support Group at:

US toll free: 1-800-345-8889

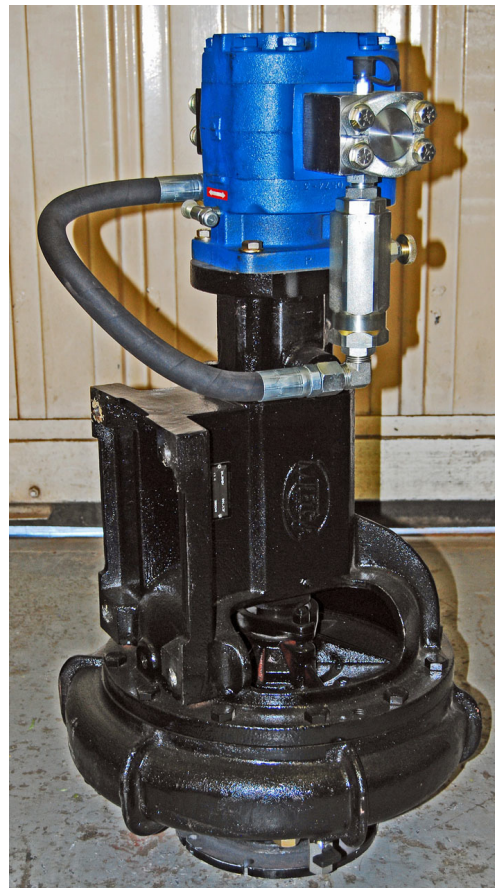
Direct: 1-505-345-2661 or visit our website at www.megacorpinc.com for more detailed contact information.

OVERVIEW

The M-4B is a clockwise-rotation centrifugal pump with a 6 inch inlet and 4 inch outlet. It is available in standard cast iron or corrosion resistant forms and is equipped with a rope packing seal. The M-4B's engineered high-performance drive-end bearing, along with other improvements, make it Mega's most robust water pump to date.

Part no. 306200: Standard Cast Iron Water Pump

Part no. 306201: Corrosion Resistant Water Pump



PRODUCT INFORMATION BULLETIN

Announcement of M4-B Water Pump

DETAILED SPECIFICATIONS

As with its predecessor (the B-4 water pump), the Mega M-4B is designed with the following specifications to improve ease of maintenance and pump life span:

- No lantern ring in the rope packing seal
- Enclosed drive motor mount, resulting in reduced potential for contamination of the coupling housing
- Smaller frame than the M-4
- Direct physical replacement for the M-4
- Higher RPM shaft capabilities than the M-4—designed for $2,000 \pm 50$ RPM
- Pressure balance impeller, which improves rope seal and bearing life
- Stainless steel impeller is standard on *all* M-4B pumps
- Two-piece packing gland for field replacement of rope seals; pump does *not* need to be removed from the tank for rope seal replacement
- Full repair and service support documentation

In addition to the above specifications, the M-4B pump design has been improved over our previous models. The following are specific to the M-4B pump alone:

- Engineered high-performance drive end bearing
- Roller impeller bearing
- Vented frame cavity, which allows the use of an auto-lubrication system
- Splined input shaft to splined drive motor coupling, allowing for minor amounts of misalignment with reduced motor wear
- Floating impeller-end bearing, which allows for some heat expansion
- Threaded impeller, resulting in increased impeller retention and ease of maintenance

CONVERSION FROM OLDER MODEL PUMPS TO M-4B

Mega Corp offers conversion kits to support upgrading from the M-4 and B-4 pumps to the M-4B pump:

M-4 to M-4B: Physical interchange, direct replacement. The *internal* components DO NOT interchange. The conversion kit includes: gaskets, hardware, and drive coupling.

B-4 to M-4B: Extensive pipe, flange, inlet, and mounting changes are required. Some internal components interchange. The conversion kit includes: gaskets, hardware, adjustable sump ring, inlet riser, pump frame, inlet and outlet flanges, and drive coupling.

For more information about upgrading to the M-4B, please contact the MEGA Corp. Product Support Group at: US toll free: 1-800-345-8889

Direct: 1-505-345-2661 or visit our website at www.megacorpinc.com for more detailed contact information.

SUPPORT DOCUMENTATION

For a detailed discussion of the visual differences between Mega water pumps, including the M-4B, please refer to the Product Information Bulletin #1: Comparison of Mega Water Pumps. For an exploded-view parts breakdown of the M-4B, please refer to either our Parts Catalog or the MTT/MAC Illustrated Parts Breakdown (IPB-3) manual.