CLOSE COUPLED BRONZE
CENTRIFUGAL PUMP

OBERDORFER PUMPS
A Subsidiary of Thomas Industries Inc.

MODEL
109MB

PIPE SIZE INLET 1 1/4, OUTLET 1

FEATURES
• All Bronze
• Stainless Steel or Monel Shaft for Marine Use
• Teflon®* Barrier Seal to Protect Motor Bearings
• Carbon Face Mechanical Pumps Seals
• Viton(R)* or Teflon(R)* Pump Seals Available for Solvent Transfer
• Explosion Proof Motors Available
• Will Handle Contaminated Liquids
• Extremely Quiet
• A Standard in the Marine Air Conditioning Industry

LIQUIDS
The special pump alloys used provide corrosion resistance to many liquids including water, water solutions, and a wide range of commercial chemicals. Questions as to the chemical compatibility of special liquids should be referred to the factory.

Viscous liquids with a maximum viscosity of 2000 Saybolt Seconds Universal can be pumped. However, when pumping viscous liquids as compared with water, a reduction in flow and pressure occurs and the required horsepower rate increases.

Liquids heavier than water require additional horsepower in direct proportion to the increase in specific gravity. Liquids contaminated with small solids or abrasives can be handled, but a reduction in mechanical seal life must be expected.

*Viton® is a registered trademark of DuPont Dow Elastomers. Viton® or equivalent FKM will be used.
Teflon® is a registered trademark of DuPont. Teflon® or equivalent PTFE will be used.

(continued on back)
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EXPLODED VIEW & PARTS LIST

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1. Set Screw for Polyphase motor only. (not shown)
2. Seal components 7,8, and 9 sold only as seal assy. p/n 32155.
3. Repair Kits contain items 5,6,7,8,9,14 & 15.

DIMENSIONS

(continued from front)
the pump by manual priming, the pump will lift on the suction side up to 15 feet. Such a system relies entirely on a non-leaking foot valve for starting capability.

The flow of a centrifugal pump can be conveniently controlled by a throttling valve in the discharge line without the need for a relief valve. In centrifugal pumps, the horsepower demand will decrease as the pressure increases. Maximum horsepower occurs with a wide open discharge.