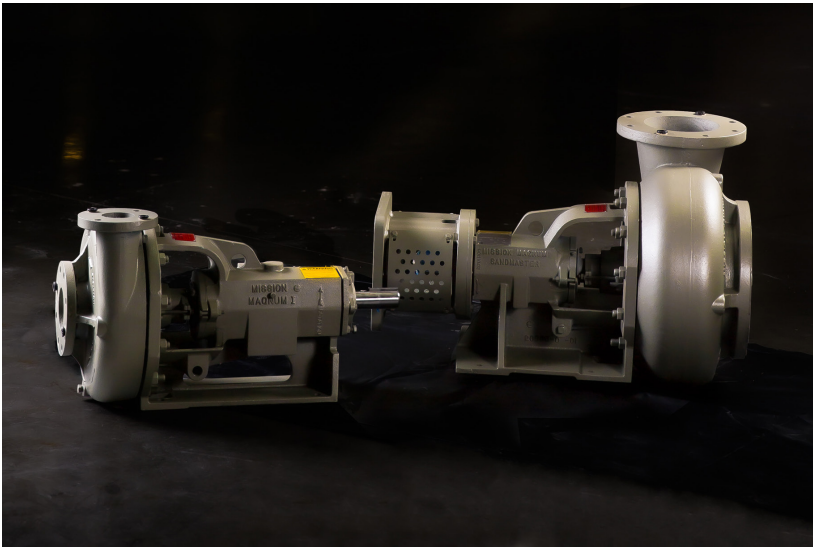


MISSION 12×12×15 Sandmaster Centrifugal Pump

Pump of choice when space is at a premium and prime mover options are limited



The MISSION™ Sandmaster™ line of centrifugal pumps incorporates all the abrasive-fluid handling features of the MISSION Magnum™ pump line in a more compact design, and they can be adapted for hydraulic motor drive. Compared to the Magnum, the frame and shaft have been shortened to 4 in. to reduce the pump's length.

Our Sandmaster 12×12×15 single-stage centrifugal pump can provide flow rates up to 155 bbl/min and pressure heads to 100 ft, offering solutions to high-flow, low-head applications in the oilfield service industry.

These pumps leverage our quality manufacturing and distribution networks to increase solutions to pumping requirements in the oilfield from a reliable, industry-specific partner.

Features and benefits

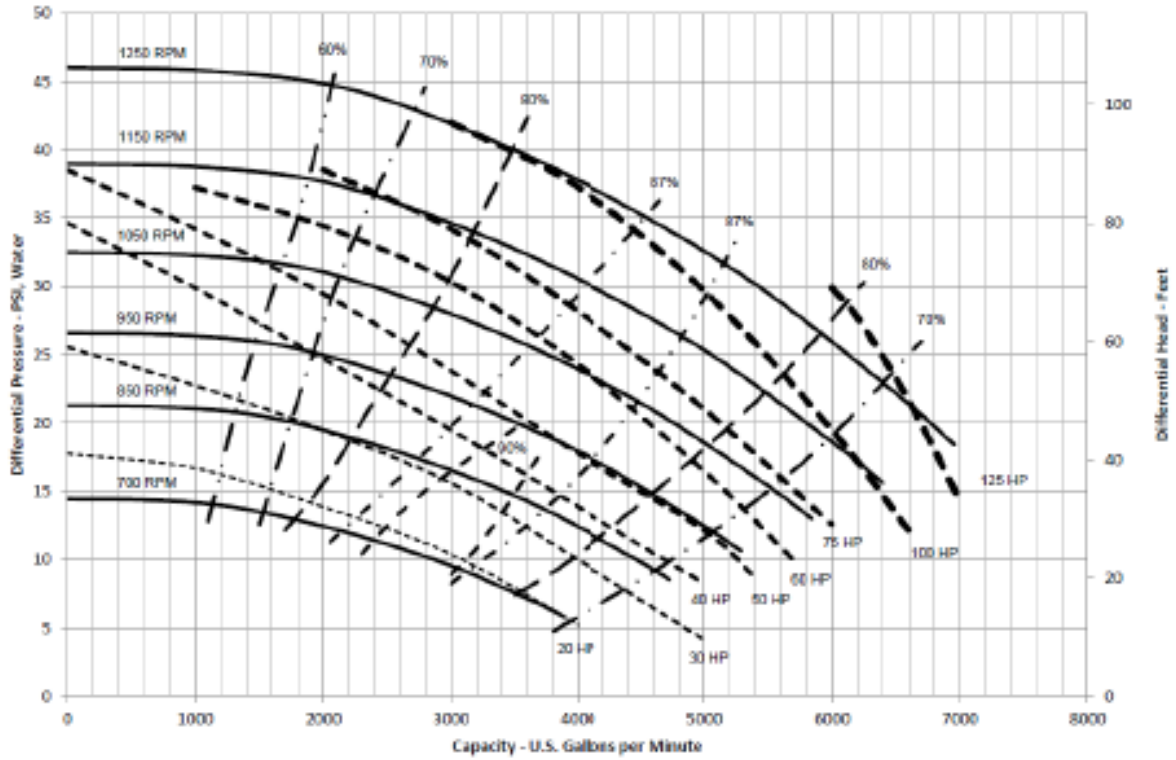
- 200-hp, grease-lubricated ball-bearing power frame provides leak-free operation
- Ease of replacement achieved using a MISSION hard-iron alloy liquid end fitted with a single internal spring-mounted mechanical shaft seal in a replaceable stuffing box
- Nozzles furnished with 150 12-in. ANSI-class flat-face flange connections with standard clockwise rotation as viewed facing the pump shaft
- Replaceable hard-iron suction stand
- Renewable wear rings installed in the suction stand and on the eye side of the impeller
- Discharge nozzle can be rotated to positions other than vertical
- Pump power frame fitted with an optional out bound bearing capable of accepting hydraulic motor adapters for SAE sizes B, C, and D hydraulic motor mounts

Applications

- Suction pump on blender units to maintain the liquid level in blender tub
- Mixing and blending applications
- High-volume mixing and transfer of drilling and completion fluids
- Additional oilfield pump applications offering high pump efficiencies and requiring reduced input power, resulting in savings on space and fuel and initial acquisition costs on engine drives, hydraulic motor drives, and electric motor-driven equipment

12x12x15 Sandmaster Centrifugal Pump Theoretical Curves

Speed curve: 700 - 1,250 RPM
 Impeller OD: 15 in.



Performance curve: 1,750 RPM
 Impeller OD: 15 in.

