

Self Priming Centrifugal Pump

**Super
U SERIES**

VARIOUS PATENTS APPLY

Model U4A60S-B

Size 4" x 4"



PUMP SPECIFICATIONS

Size: 4" (102 mm) Flange Suction x 4" (102 mm) NPT Female Discharge.

Casing: Gray Iron 30.

Maximum Operating Pressure 128 psi (883 kPa).*

Semi-Open Type, Six Vane Impeller: Ductile Iron 60-40-18.

Handles 13/16" (20,6 mm) Diameter Spherical Solids.

Impeller Shaft: Alloy Steel 4150.

Replaceable Wear Plate: Gray Iron 30.

Removable Adjustable Cover Plate: Gray Iron 30; 60 lbs. (27 kg).

Suction Extension Pipe: Schedule 40 Steel w/Gray Iron Flange.

Bearing Housing: Gray Iron 30.

Seal Plate: Gray Iron 30.

Shaft Sleeve: Alloy Steel 4130.

Radial Bearing: Open Single Row Ball.

Thrust Bearing: Open Double Row Ball.

Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.

Flanges: Gray Iron 30.

Gaskets: Cork, Rubber, Vegetable Fiber and PTFE.

O-Rings: Buna-N.

Hardware: Standard Plated Steel.

Brass Pressure Relief Valve.

Victaulic® Suction Coupling.

Bearing and Seal Cavity Oil Level Sight Gauges.

Optional Equipment:

Stainless Steel 316 Seal Plate, Wear Plate and Pressure Relief Valve. G-R Hard Iron Impeller, Seal Plate, and Wear Plate. Automatic Air Release Valve. 120V/240V Casing Heater. High Pump Temperature Shutdown Kit. Permalon, Kalrez or Fluorocarbon Metal Bellows Seals. Stainless Steel Cartridge Seal.

4" ASA Gray Iron 30 Discharge Spool Flange. (**Specify Model U4A60S-B /F**).

100 mm DIN 2527 (PN 16) Gray Iron 30 Suction and Discharge Spool Flanges.

***Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.**

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BLIND FLANGE

DISCHARGE FLANGE

VICTAULIC®
COUPLING

CASING

SUCTION
EXTENSION

LIP SEALS

BALL BEARINGS

PRESSURE
RELIEF VALVE

IMPELLER SHAFT

SUCTION
BACK COVER

SEAL ASSEMBLY

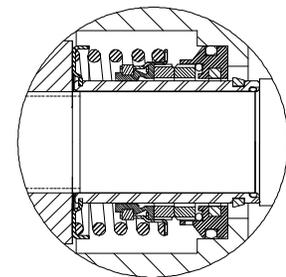
WEAR PLATE ASSEMBLY

IMPELLER

SEAL PLATE



Shown w/Optional
Discharge Spool Flange



SEAL DETAIL

Cartridge Type, Double Floating, Self Aligning. Mechanical, Oil-Lubricated. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).*



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Specifications Subject to Change Without Notice

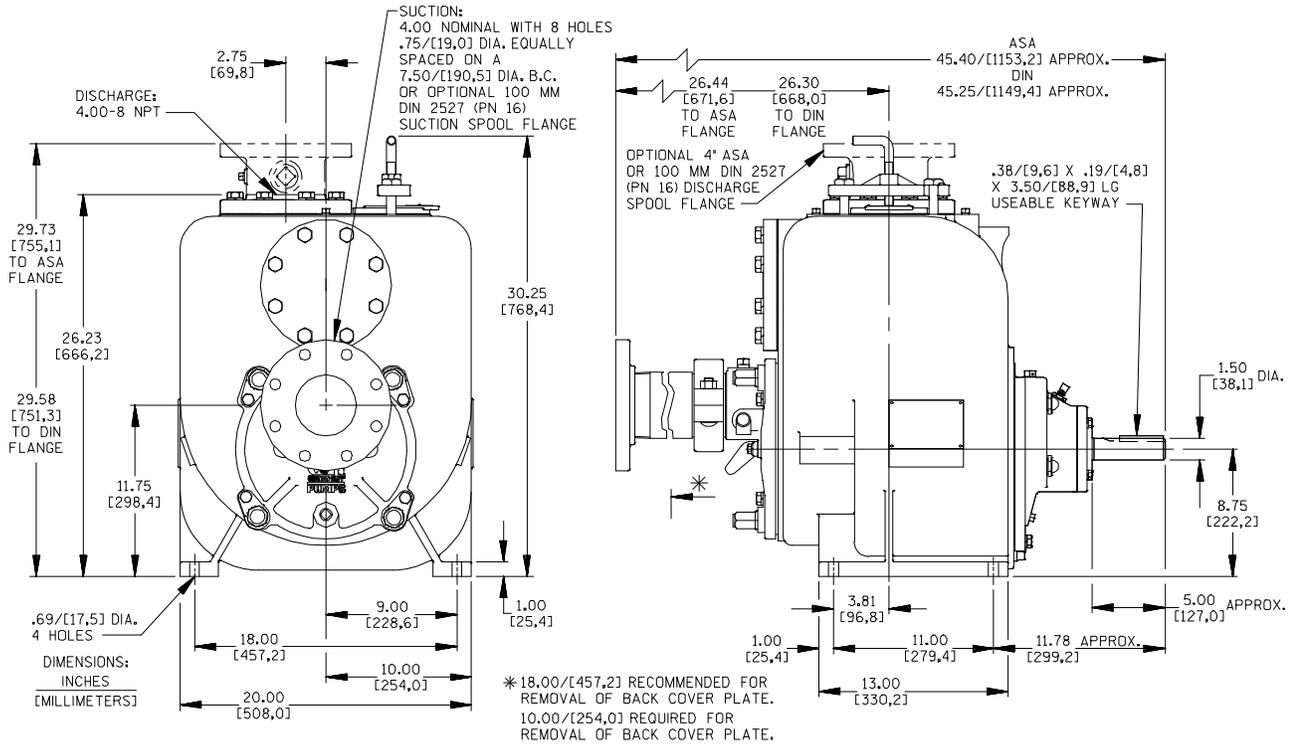
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Specification Data

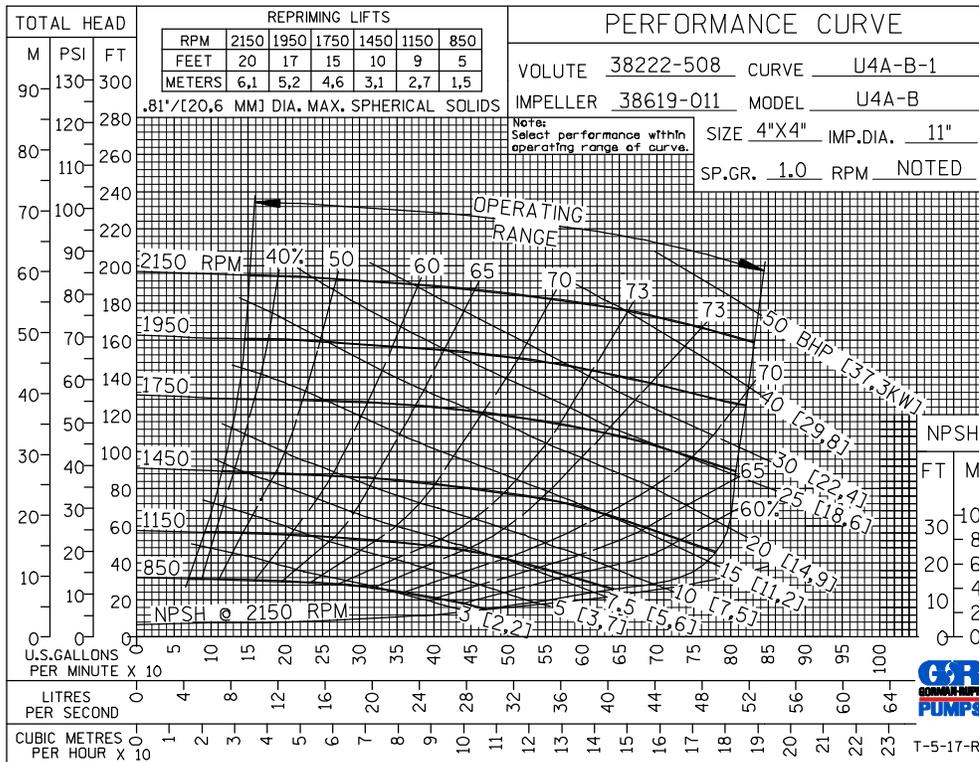
SECTION 50, PAGE 2800

APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 735 LBS. (333 KG.)
SHIPPING WEIGHT: 760 LBS. (345 KG.)
EXPORT CRATE: 24.2 CU. FT. (0,69 CU. M.)



NOTE: OPTIONAL ASA OR DIN STANDARD SPOOL FLANGES AVAILABLE



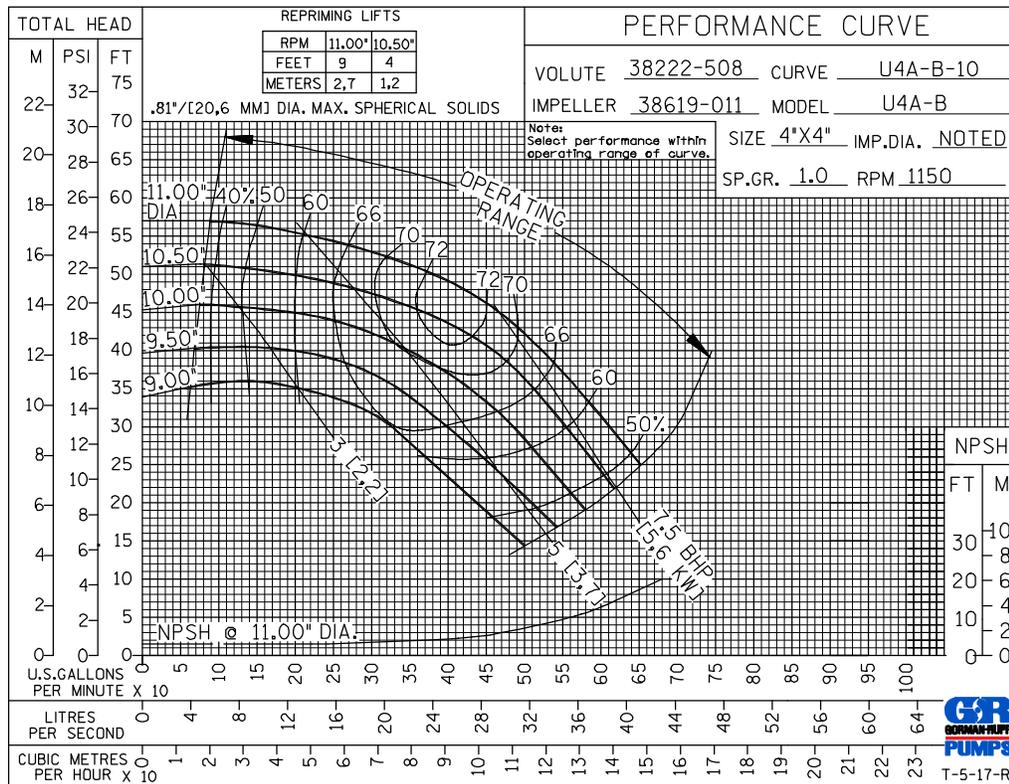
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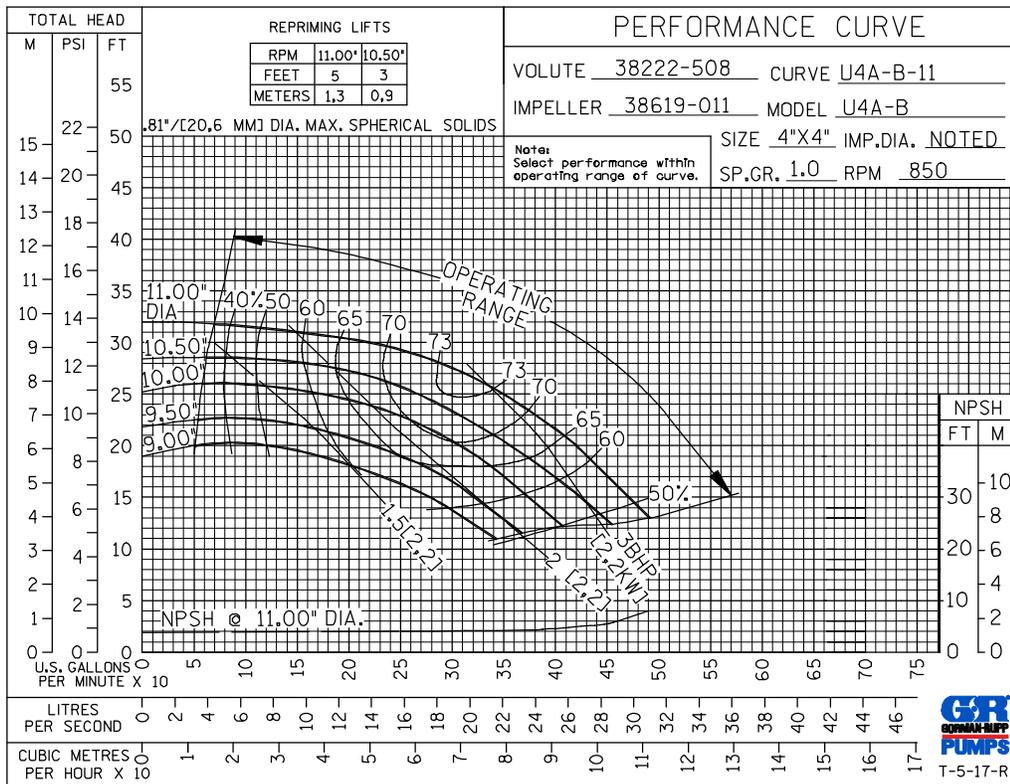
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PERFORMANCE
BASED ON
WATER



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