

A B C D E

# Self Priming Centrifugal Pump



## Models 88A3-B and 88A52-B

### Size 8" x 8"

#### PUMP SPECIFICATIONS

**Size:** 8" x 8" (203 mm x 203 mm) NPT - Female.

**Casing:** Gray Iron 30.

Maximum Operating Pressure 79 psi (545 kPa)\*.

**Semi-Open Type, Four Vane Impeller:** Gray Iron 30.

Handles 2" (50,8 mm) Diameter Spherical Solids.

**Impeller Shaft:** Alloy Steel 4150.

**Replaceable Wear Plate:** Gray Iron 30.

**Pedestal:** Gray Iron 30.

**Seal Plate:** Gray Iron 30.

**Shaft Sleeve:** Alloy Steel 4130.

**Flap Valve:** Buna-N and Steel.

**Radial Bearings:** Open Single Row Ball.

**Thrust Bearings:** Open Double Row Ball.

**Bearing Lubrication:** SAE 30 Non-Detergent Oil.

**Flanges:** Gray Iron 30.

**Gaskets:** Cork.

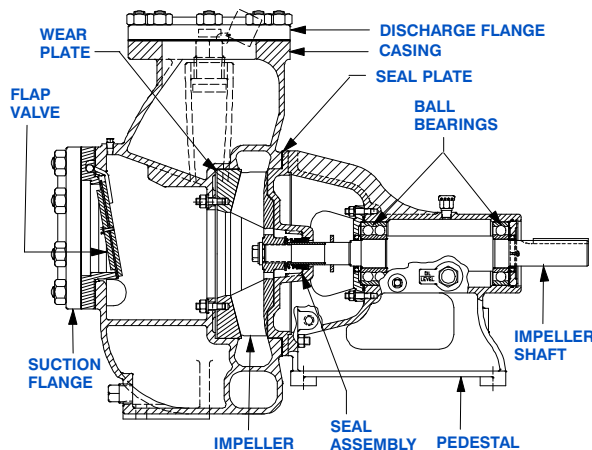
**O-Rings:** Buna-N

**Hardware:** Standard Plated Steel and Stainless Steel.

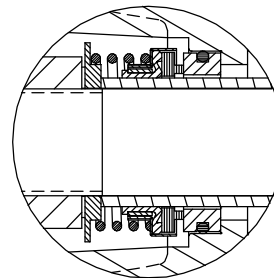
**Oil Level Sight Gauge.**

**Optional Equipment:** Consult Factory.

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

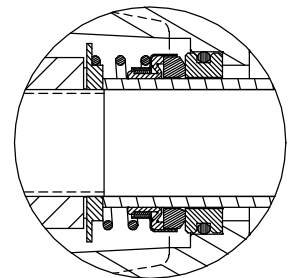


88A52-B SHOWN



**88A3-B SEAL DETAIL** Type 21, Mechanical, Self-Lubricated. Carbon Rotating Face. Ni-Resist Stationary Face. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71 °C)\*.

**88A52-B SEAL DETAIL** Type 31, Mechanical, Self-Lubricated. Silicon Carbide Rotating and Stationary Faces. 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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www.grpumps.com

Specifications Subject to Change Without Notice

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**Specification Data**

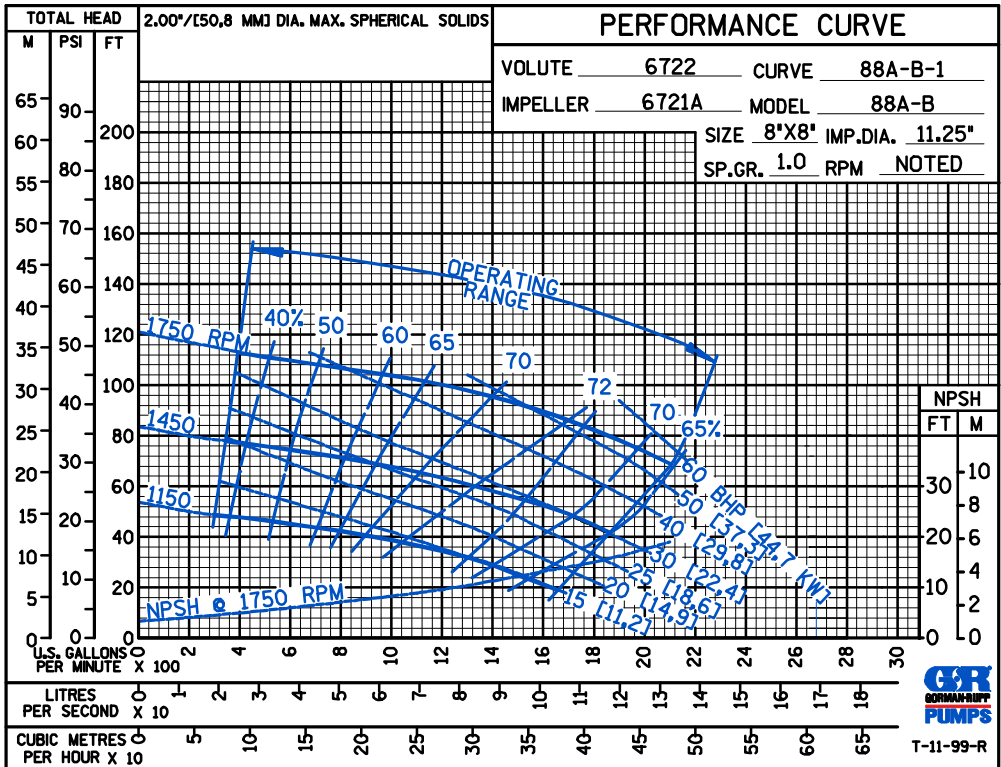
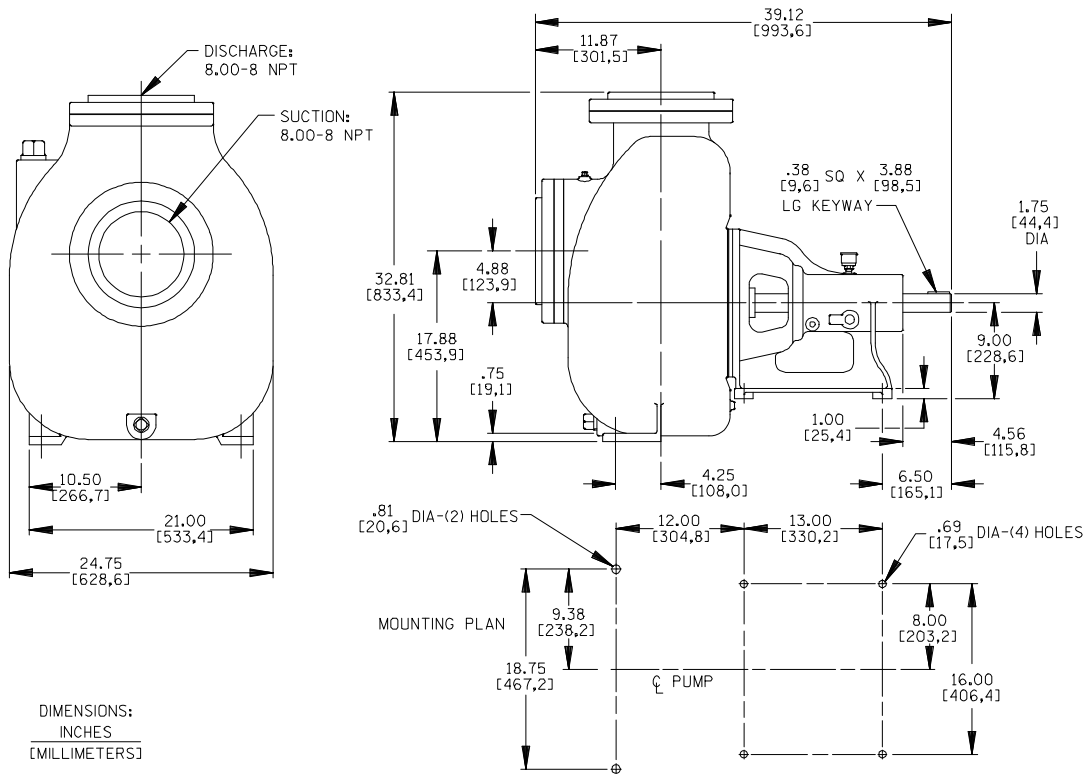
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APPROXIMATE  
DIMENSIONS and WEIGHTS

**NET WEIGHT: 880 LBS. (399 KGS.)**

**SHIPPING WEIGHT: 805 LBS. (365 KGS.)**

**EXPORT CRATE: 26.7 CU. FT. (0,75 CU. M.)**



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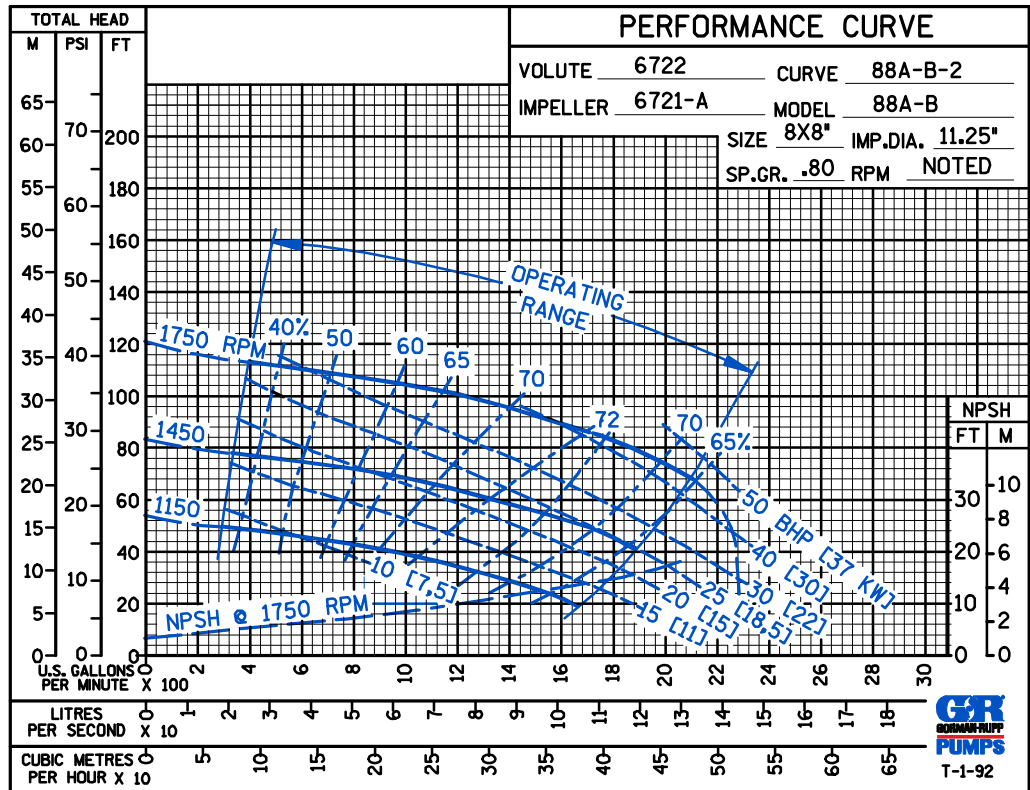
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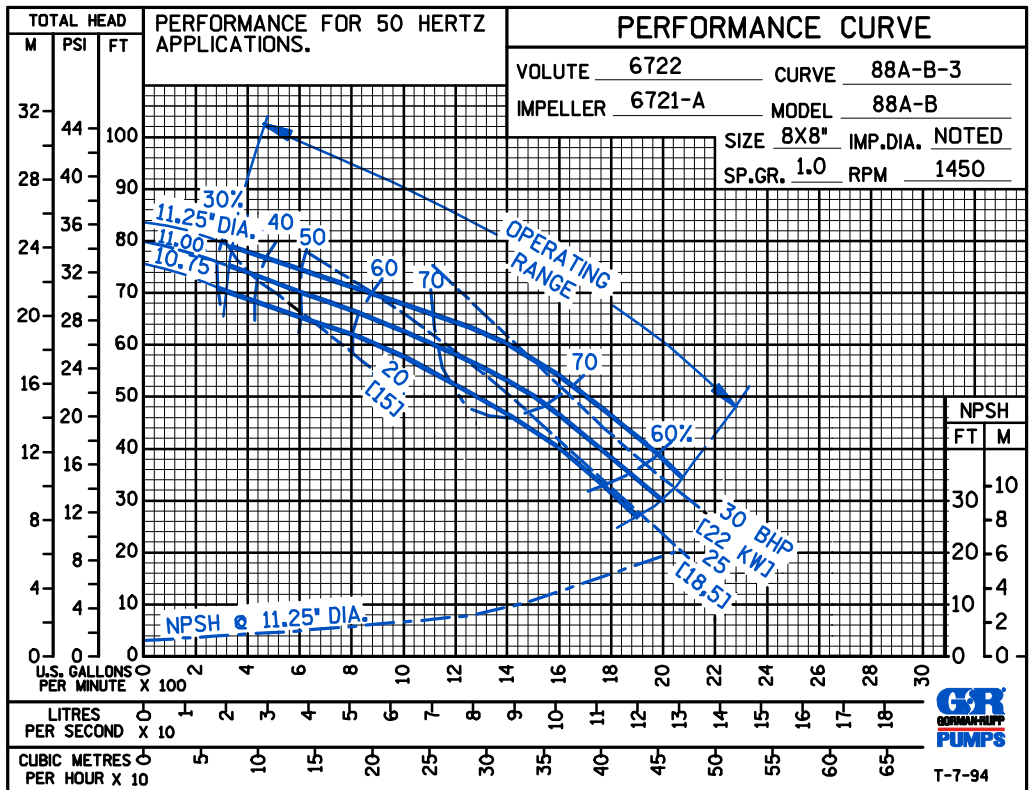
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A B C D E

PERFORMANCE  
BASED ON  
PETROLEUM



50 HERTZ  
PERFORMANCE  
BASED ON  
WATER



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