

Basic Pedestal

A B C D E

Self Priming Centrifugal Pump



Models 83A3-B and 83A52-B

Size 3" x 3"

PUMP SPECIFICATIONS

Size: 3" x 3" (76 mm x 76 mm) NPT - Female.**Casing:** Gray Iron 30.

Maximum Operating Pressure 87 psi (600 kPa)*.

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

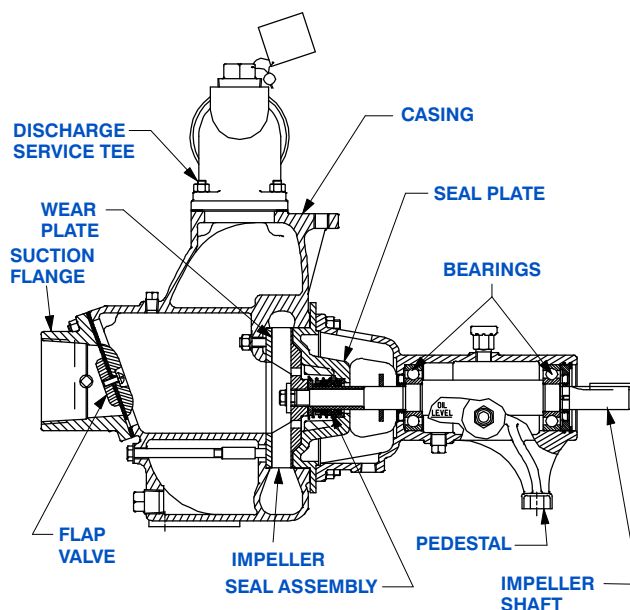
Handles 3/4" (19,1 mm) Diameter Spherical Solids

Impeller Shaft: Carbon Steel 1045.**Replaceable Wear Plate:** Carbon Steel 1026.**Pedestal:** Gray Iron 30.**Shaft Sleeve:** Stainless Steel 304.**Seal Plate:** Gray Iron 30.**Flap Valve:** Buna-N w/Nylon Reinforcement and Gray Iron 30.**Radial and Thrust Bearings:** Open Single Row Ball.**Bearing Lubrication:** SAE 30 Non-Detergent Oil.**Suction Flange:** Gray Iron 25.**Gaskets:** Cork.**Hardware:** Standard Plated Steel.**Discharge Service Tee:** Gray Iron 30.**Oil Level Sight Gauge.****Optional Equipment:** Strainer.

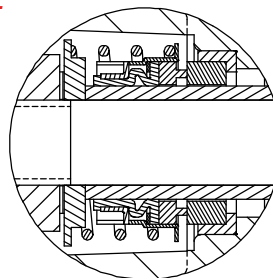
Consult Factory for Additional Options.



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

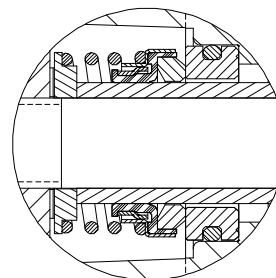


83A3-B SHOWN



83A3-B SEAL DETAIL Type 2, Mechanical, Self-Lubricated. Carbon Rotating Face. Ceramic Stationary Face. Buna-N Elastomers. Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).*

83A52-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

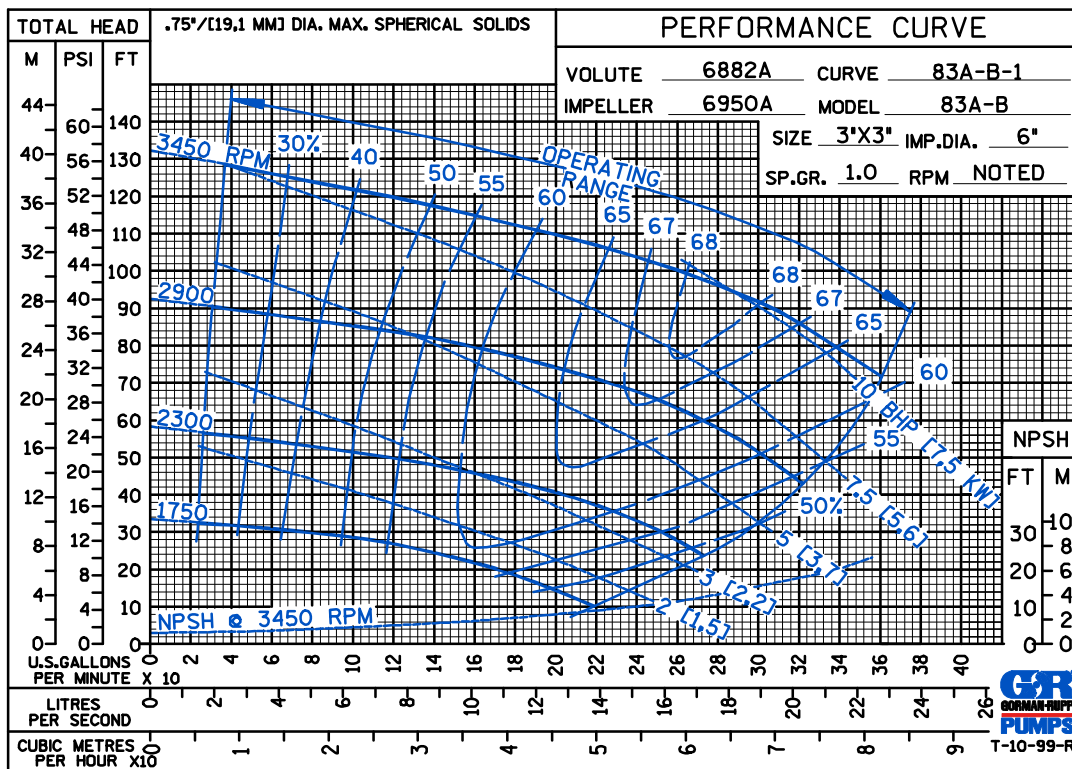
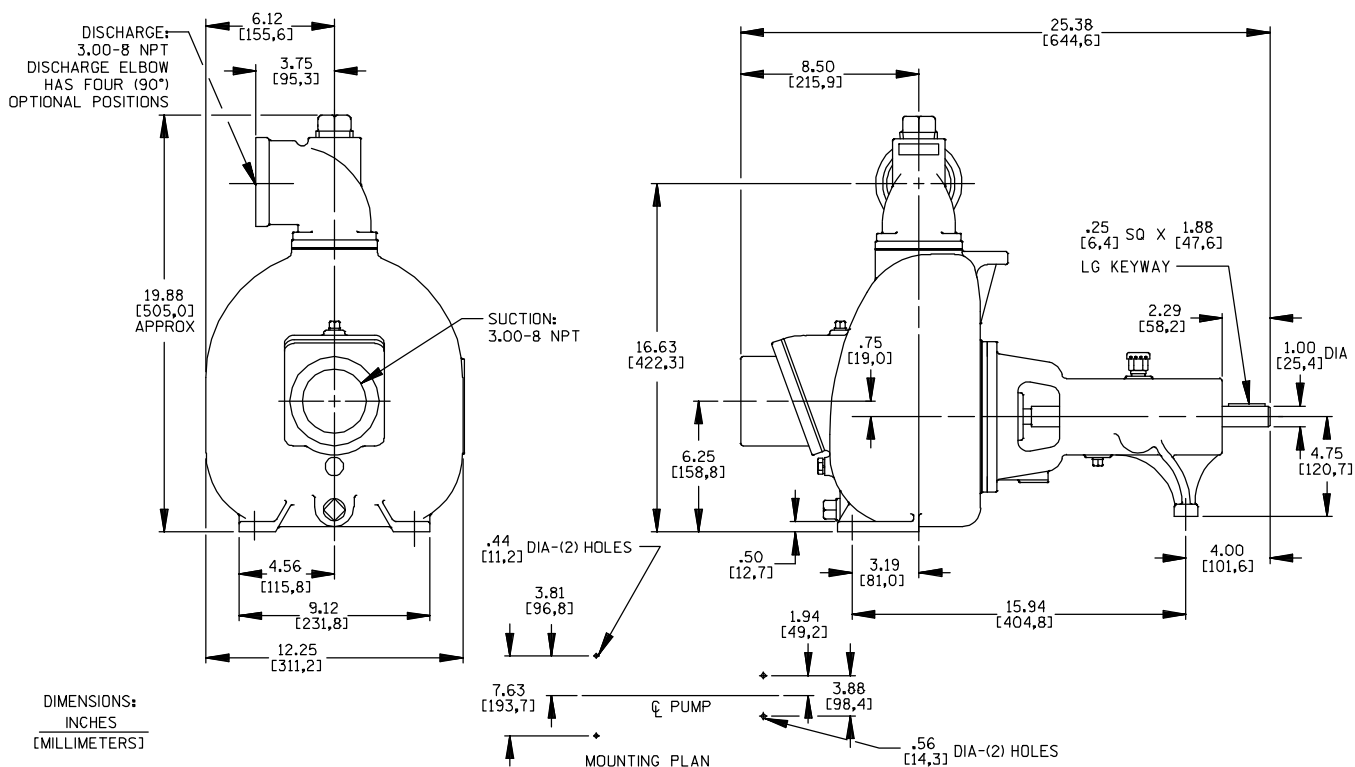
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APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 115 LBS. (52,2 KG.)

SHIPPING WEIGHT: 125 LBS. (56,7 KG.)

EXPORT CRATE: 8.5 CU. FT. (0,24 CU. M.)



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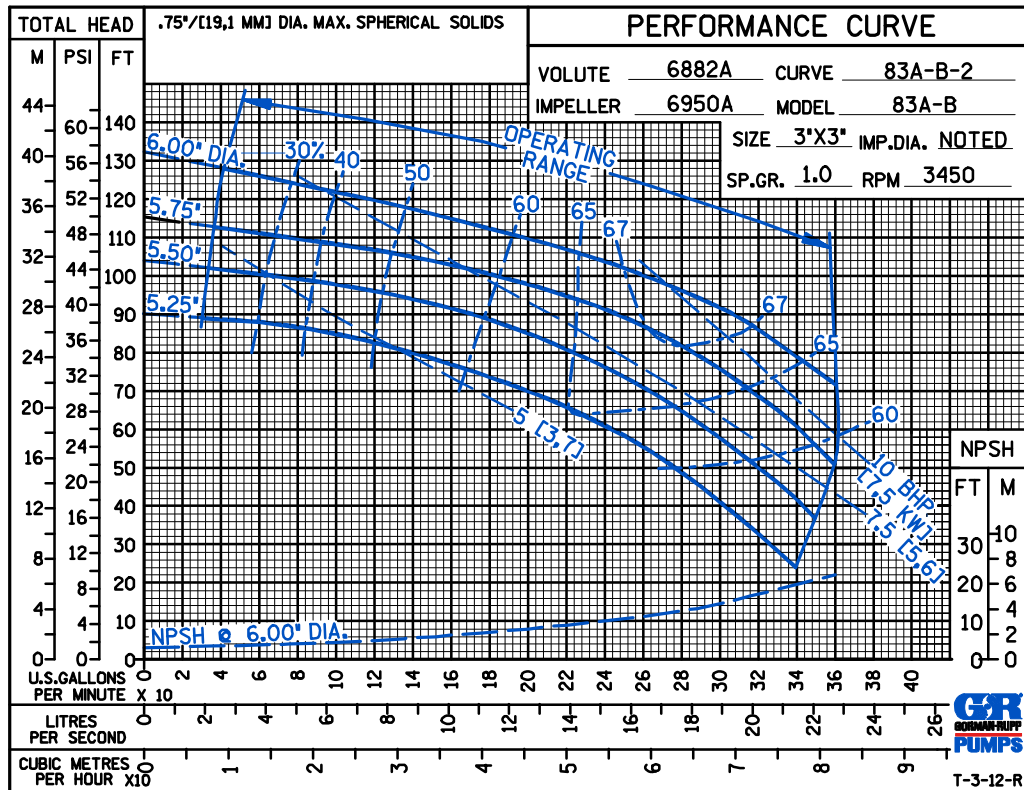
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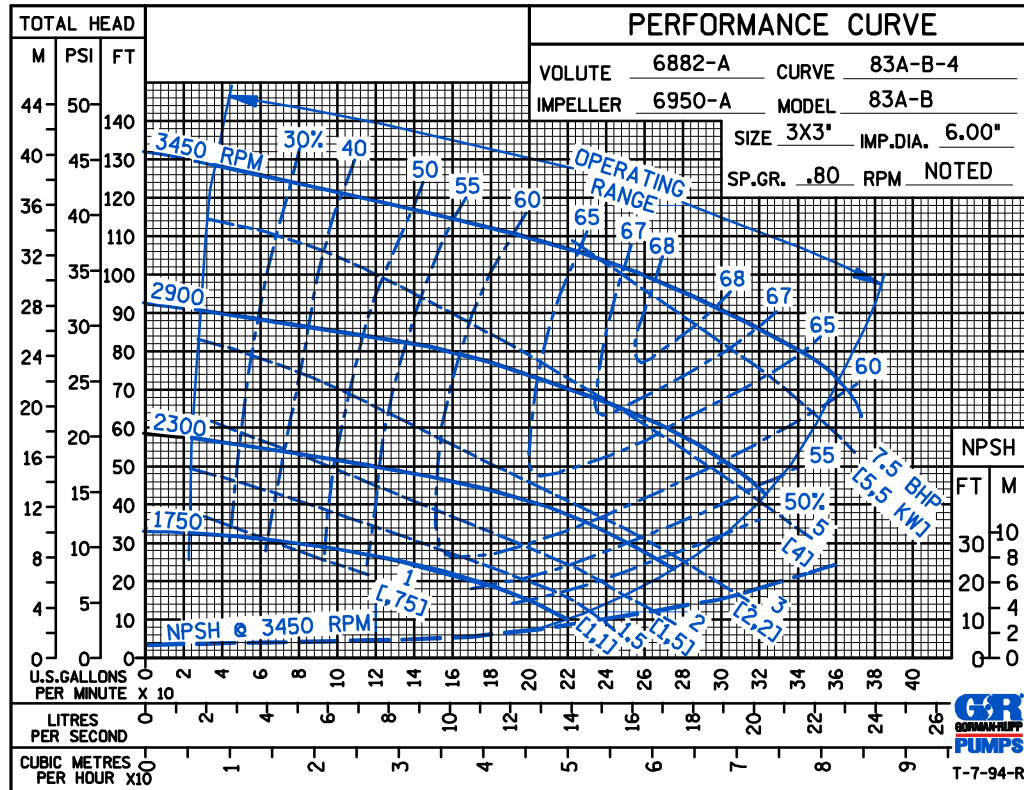
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A B C D E

60 HERTZ
PERFORMANCE
BASED ON
WATER



PERFORMANCE
BASED ON
PETROLEUM



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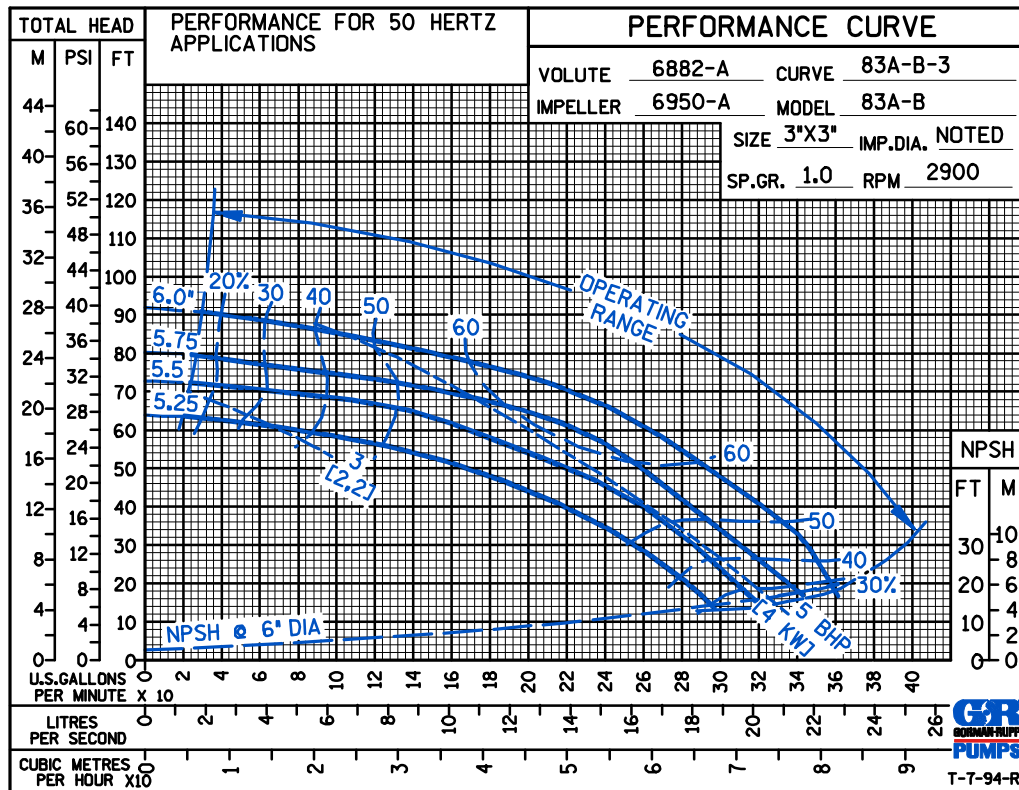
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A B C D E

50 HERTZ
PERFORMANCE
BASED ON
WATER



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