

A B C D E



Self Priming Centrifugal Pump

Models 84B3-B, 84B31-B and 84B52-B

Size 4" x 4"

PUMP SPECIFICATIONS

Size: 4" x 4" (102 mm x 102 mm) NPT - Female.

Casing: (Models 84B3-B and 84B52-B) Gray Iron 30.
(Model 84B31-B): Ductile Iron 65-45-12.

Maximum Operating Pressure 111 psi (765 kPa)*.

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

Handles 1 1/4" (31,8 mm) Diameter Spherical Solids.

Impeller Shaft: Carbon Steel 1045.

Replaceable Wear Plate: Carbon Steel 1026.

Pedestal: Gray Iron 30.

Seal Plate: (Models 84B3-B and 84B52-B) Gray Iron 30.
(Model 84B31-B): Ductile Iron 65-45-12.

Shaft Sleeve: Alloy Steel 4130.

Flap Valve: Buna-N and Carbon Steel.

Radial Bearing: Open Single Row Ball.

Thrust Bearing: Open Double Row Ball.

Bearing Lubrication: SAE 30 Non-Detergent Oil.

Flanges: Gray Iron 30.

Gaskets: Cork.

O-Ring: Buna-N.

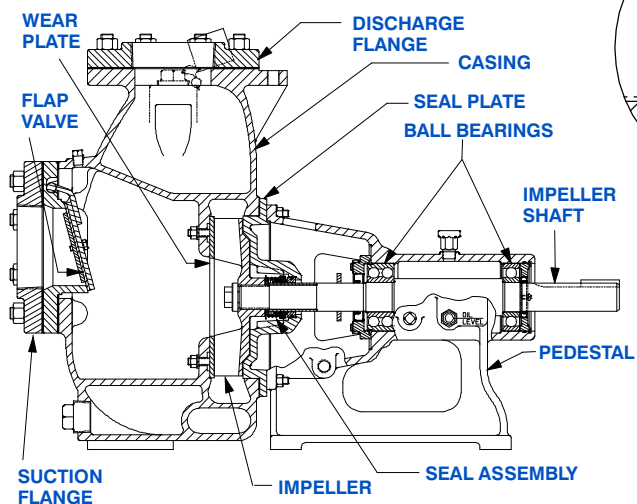
Hardware: Standard Plated Steel.

Optional Equipment: Strainer. 120V/240V Casing Heater.

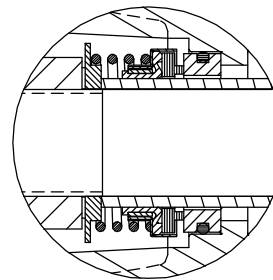
Gray Iron 30 Suction and Discharge Spool Flanges:
4" ASA and 100 mm DIN 2527 (PN 16).



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



84B52-B SHOWN

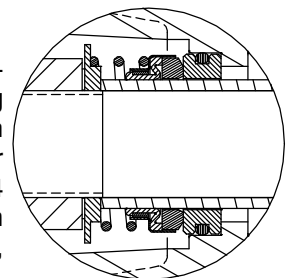


84B3-B and 84B31-B SEAL DETAIL:

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)*.

84B52-B SEAL DETAIL:

Type 31, Mechanical, Self-Lubricated. Silicon Carbide Rotating and Stationary Faces. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 304 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

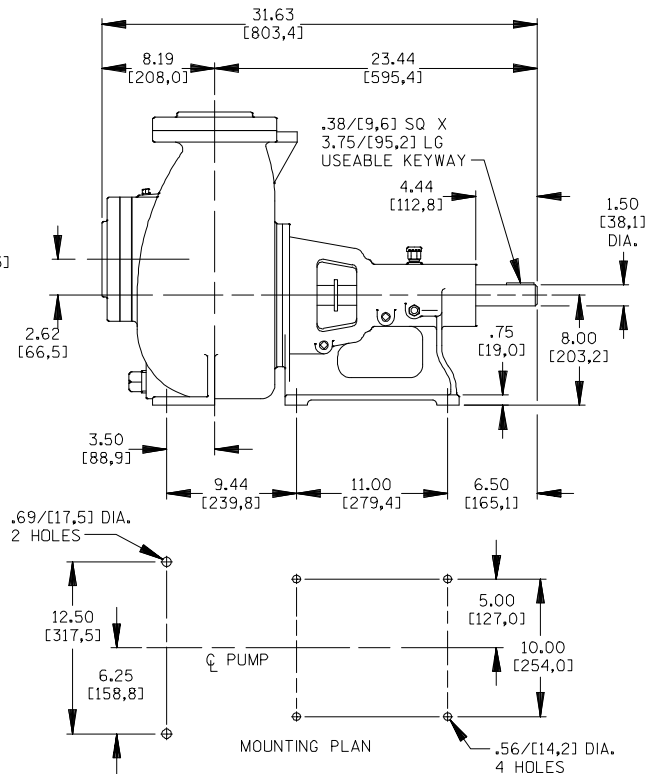
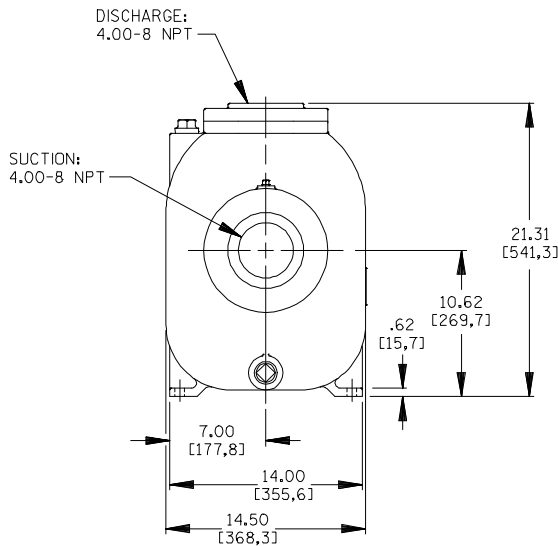
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APPROXIMATE
DIMENSIONS and WEIGHTS

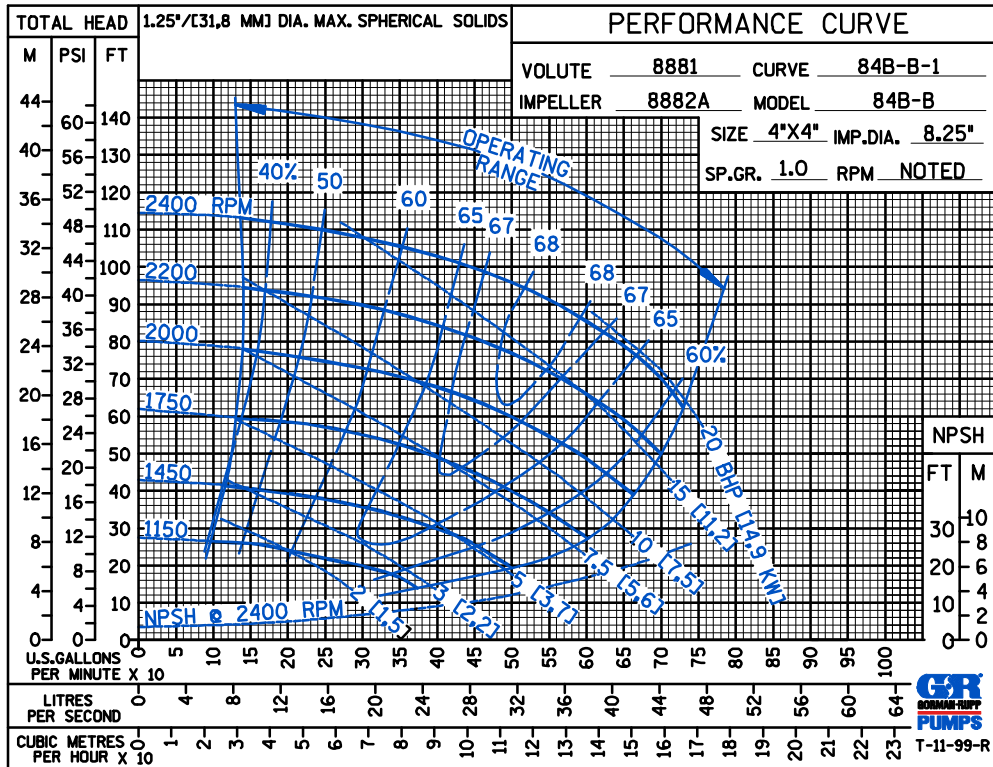
NET WEIGHT: 325 LBS. (147 KGS.)

SHIPPING WEIGHT: 341 LBS. (155 KGS.)

EXPORT CRATE: 18 CU. FT. (0,5 CU. M.)



DIMENSIONS:
INCHES
[MILLIMETERS]



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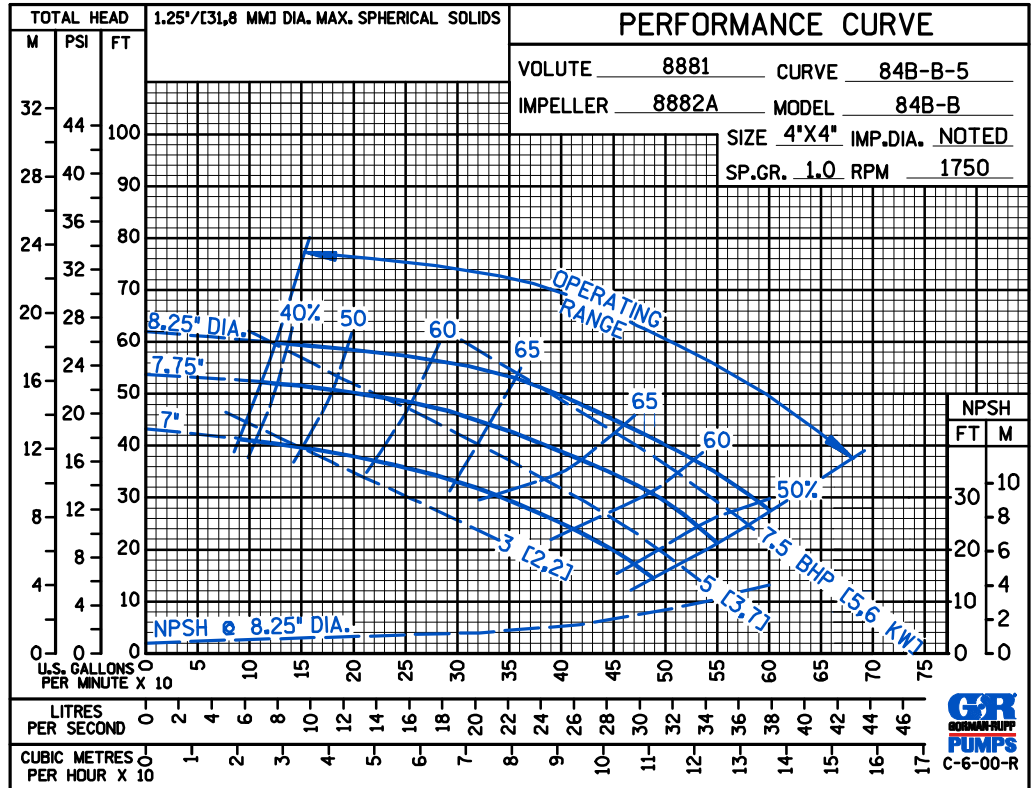
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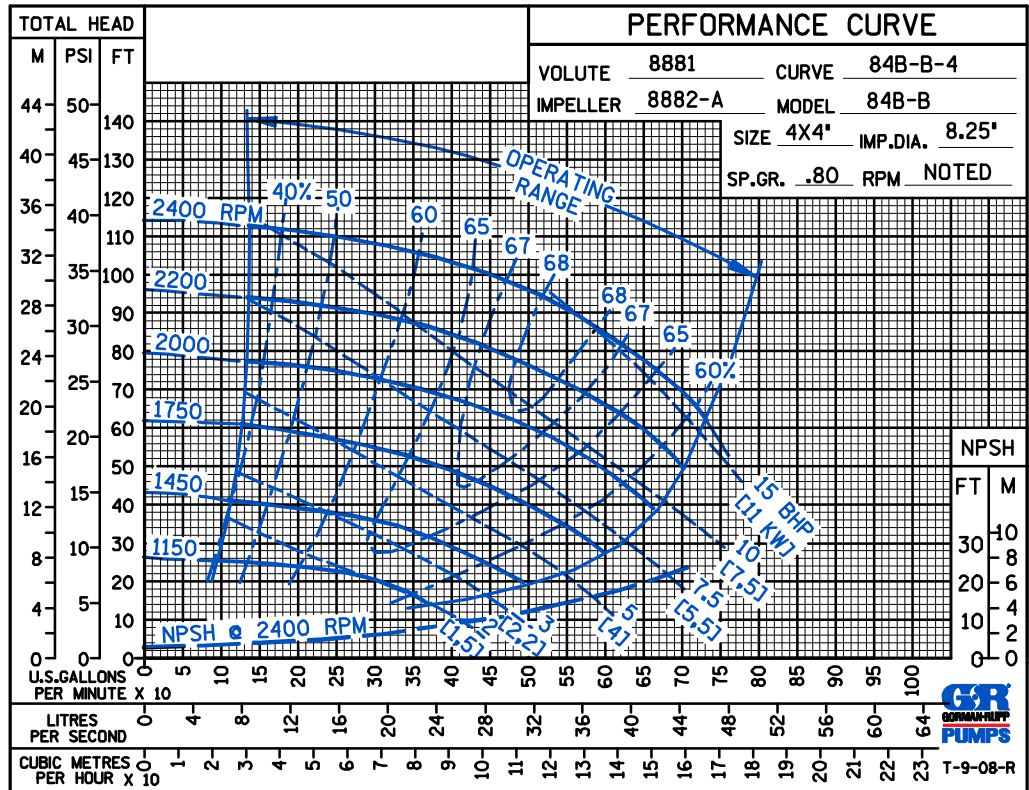
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A B C D E

TRIMMED
IMPELLER



PERFORMANCE
BASED ON
PETROLEUM



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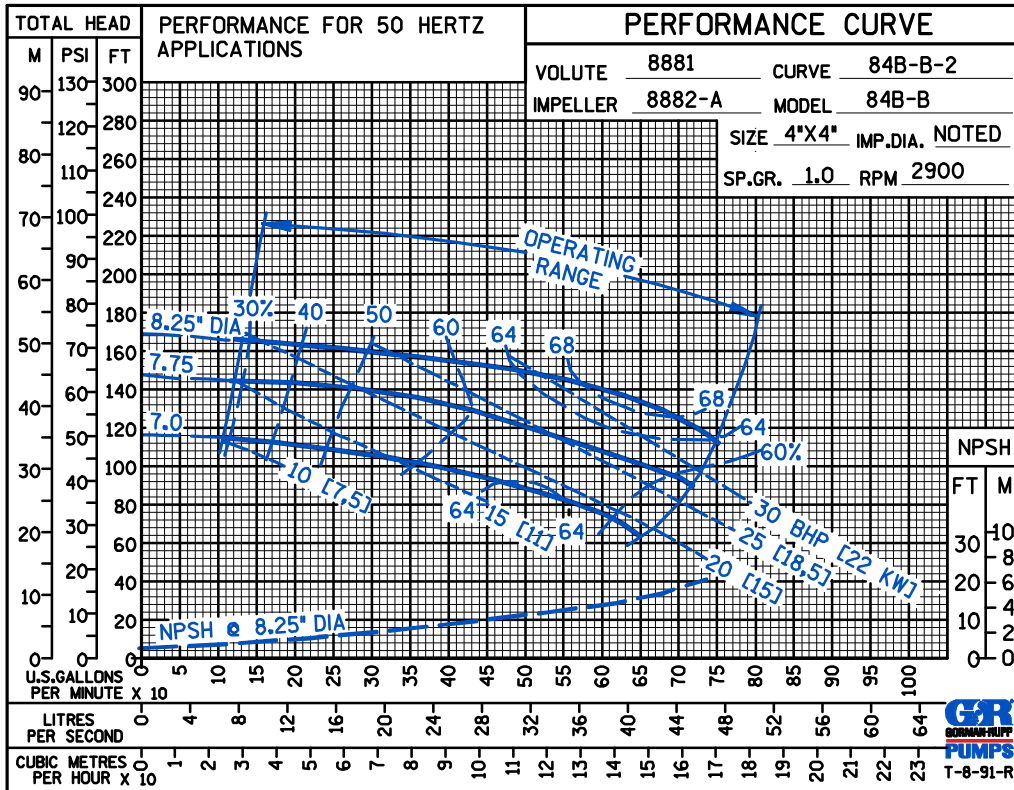
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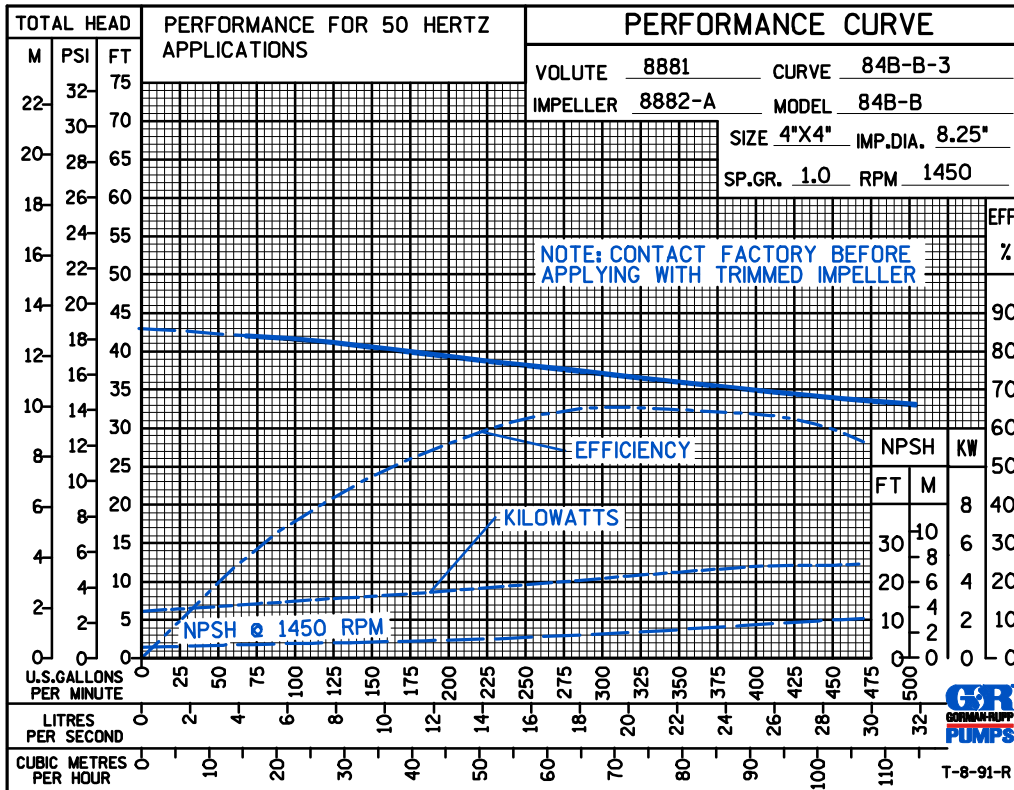
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A B C D E

50 HERTZ
PERFORMANCE
BASED ON
WATER



50 HERTZ
PERFORMANCE
BASED ON
WATER



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