

ACE

## Basic Pedestal

## Self Priming Centrifugal Pump

## Model 83D20-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:** Stainless Steel 316.

**Replaceable Wear Plate:** Carbon Steel 1026.

**Pedestal:** Gray Iron 30.

**Seal Plate:** Gray Iron 30.

**Seal Sleeve:** Stainless Steel 304.

**Flap Valve:** Gray Iron 30 and Buna-N <sup>w/</sup>Nylon Reinforcement.

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

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

**Suction Flange:** Gray Iron 25.

**Gaskets:** Vegetable Fiber.

**Hardware:** Standard Plated Steel.

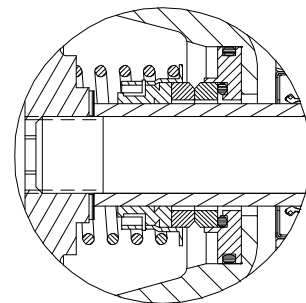
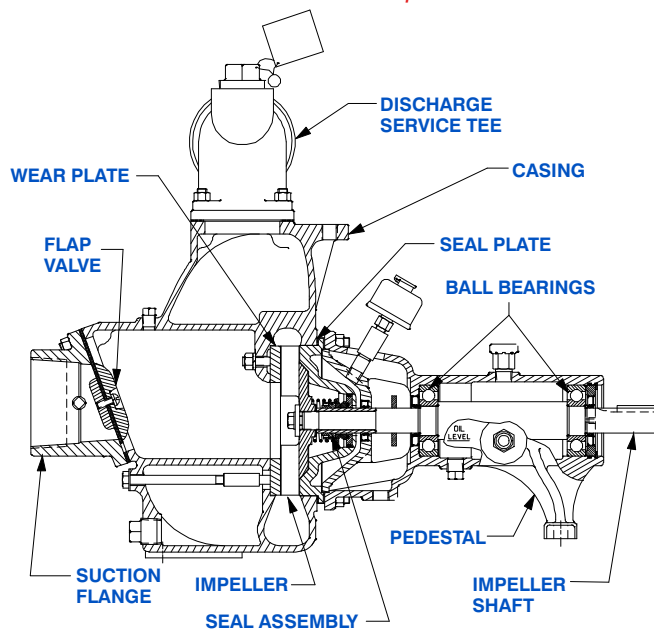
**Discharge Service Tee:** Gray Iron 30.

**Oil Level Sight Gage.**

**Optional Equipment:** Strainer.

Consult Factory for Additional Options.

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



**SEAL DETAIL** Mechanical, Oil Lubricated, Double Floating, Self-Aligning. Tungsten Titanium Carbide Rotating and Stationary Faces and Stainless Steel 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton<sup>®</sup> or Equivalent). Stainless Steel 303/304 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).\*



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Specifications Subject to Change Without Notice

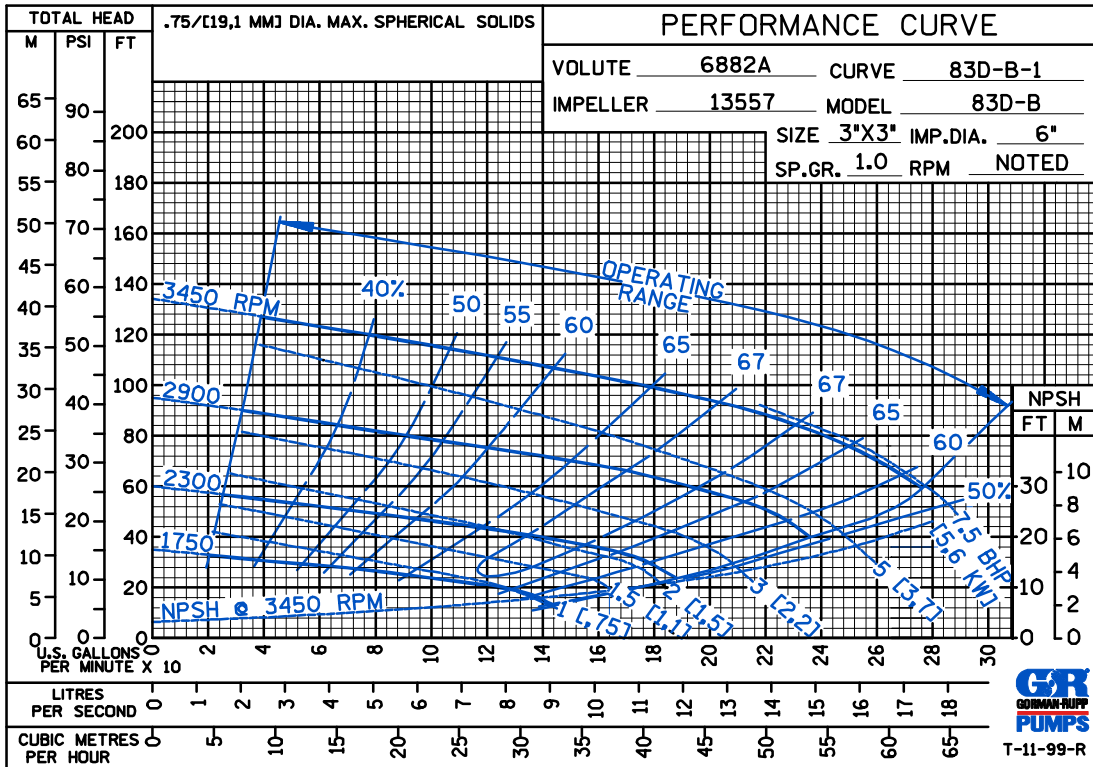
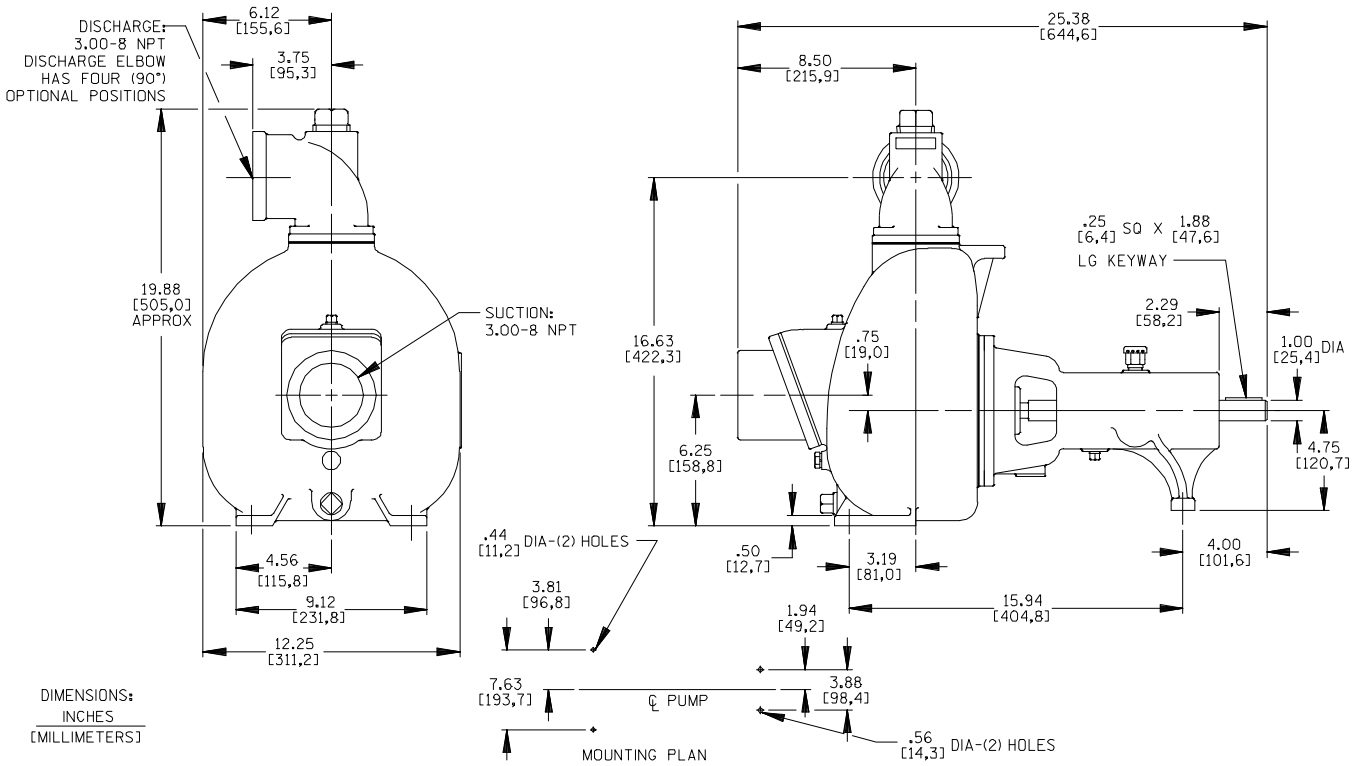
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**Specification Data**

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APPROXIMATE  
DIMENSIONS and WEIGHTS

**NET WEIGHT: 120 LBS. (54,4 KG.)**  
**SHIPPING WEIGHT: 130 LBS.(58,9 KG.)**  
**EXPORT CRATE: 7.9 CU. FT. (0,22 CU. M.)**



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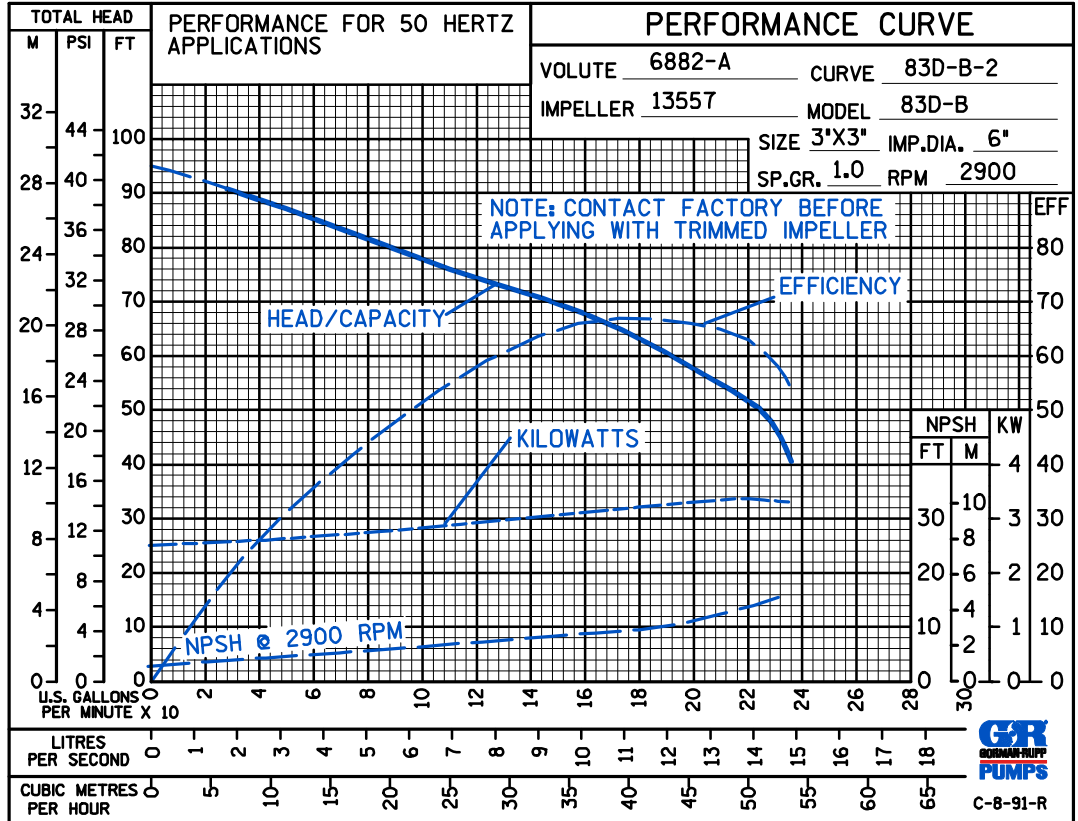
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