

Self Priming Centrifugal Pump



Models 83C3-B and 83C52-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 85 psi (586 kPa)*.

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

Handles 7/8" (22,4 mm) Diameter Spherical Solids.

Impeller Shaft: Carbon Steel 1045.

Replaceable Wear Plate: Carbon Steel ASTM A36.

Pedestal: Gray Iron 30.

Seal Plate: Gray Iron 30.

Shaft Sleeve: Alloy Steel 4130.

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.

Flanges: Gray Iron 30.

Gaskets: Cork and Vegetable Fiber.

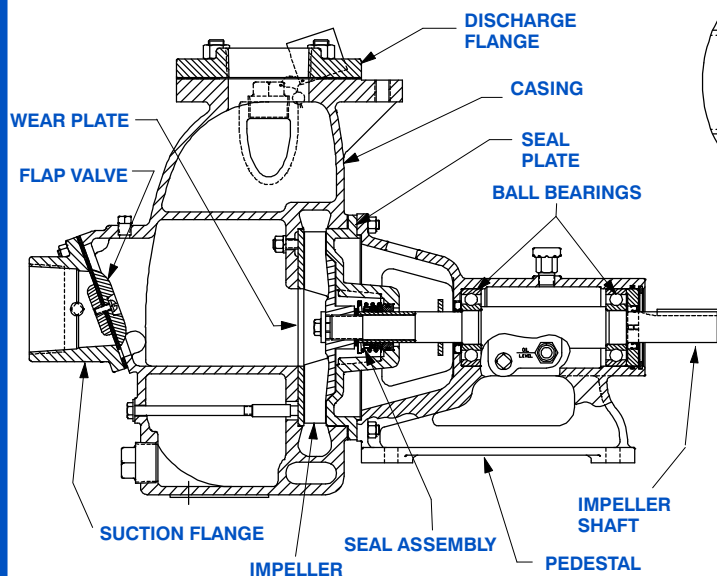
O-Rings: Buna-N

Hardware: Standard Plated Steel and Stainless Steel.

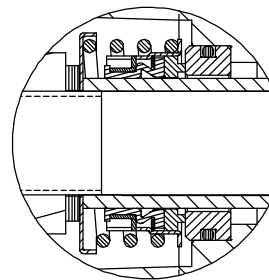
Oil Level Sight Gauge.

Optional Equipment: Consult Factory.

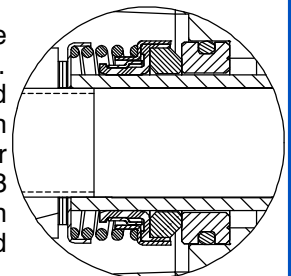
**Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*



83C3-B SHOWN



83C3-B SEAL DETAIL Type 2, 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).*



83C52-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).*



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.

Specification Data

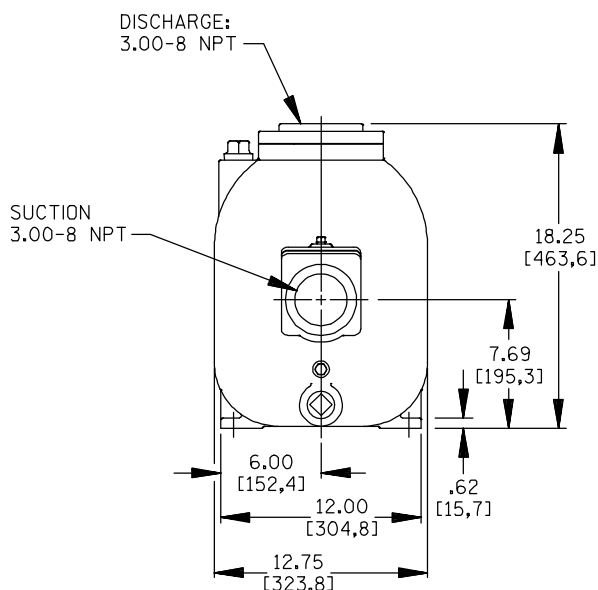
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APPROXIMATE
DIMENSIONS and WEIGHTS

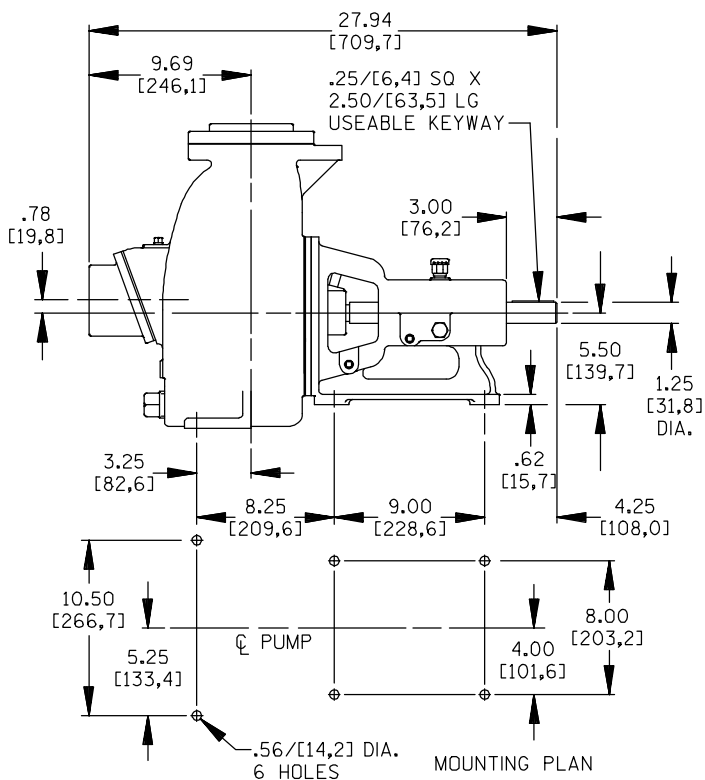
NET WEIGHT: 190 LBS. (86,2 KG.)

SHIPPING WEIGHT: 200 LBS. (90,7 KG.)

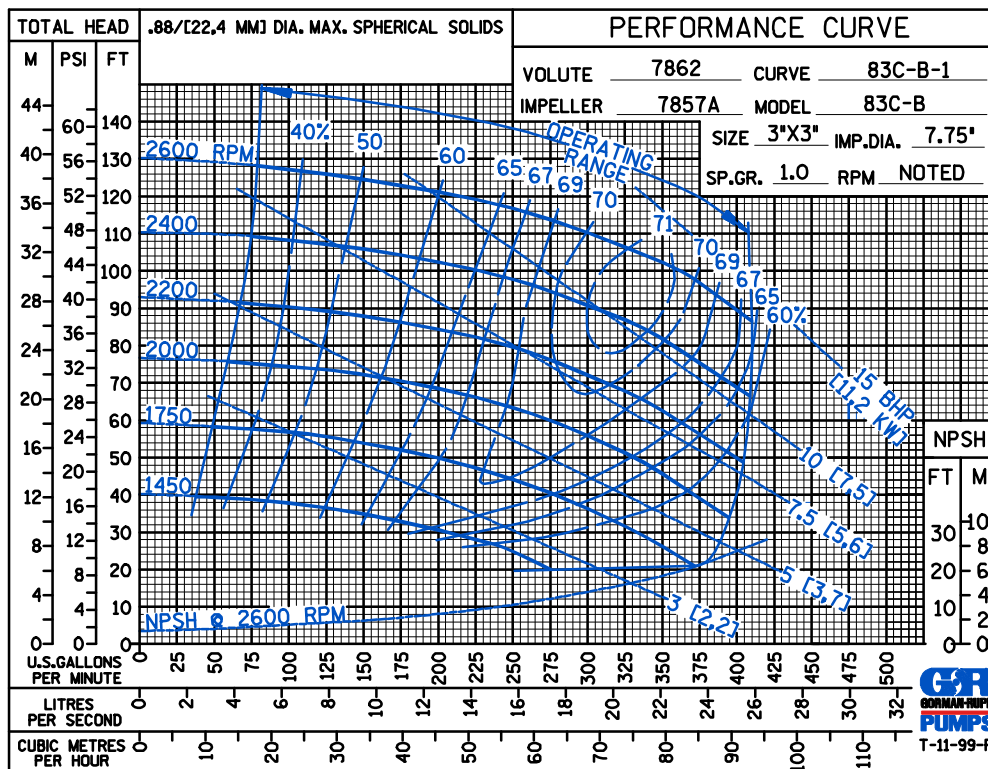
EXPORT CRATE: 12.7 CU. FT. (0,36 CU. M.)



DIMENSIONS:
INCHES
[MILLIMETERS]



**MULTI-SPEED
CURVE
PERFORMANCE
BASED ON
WATER**



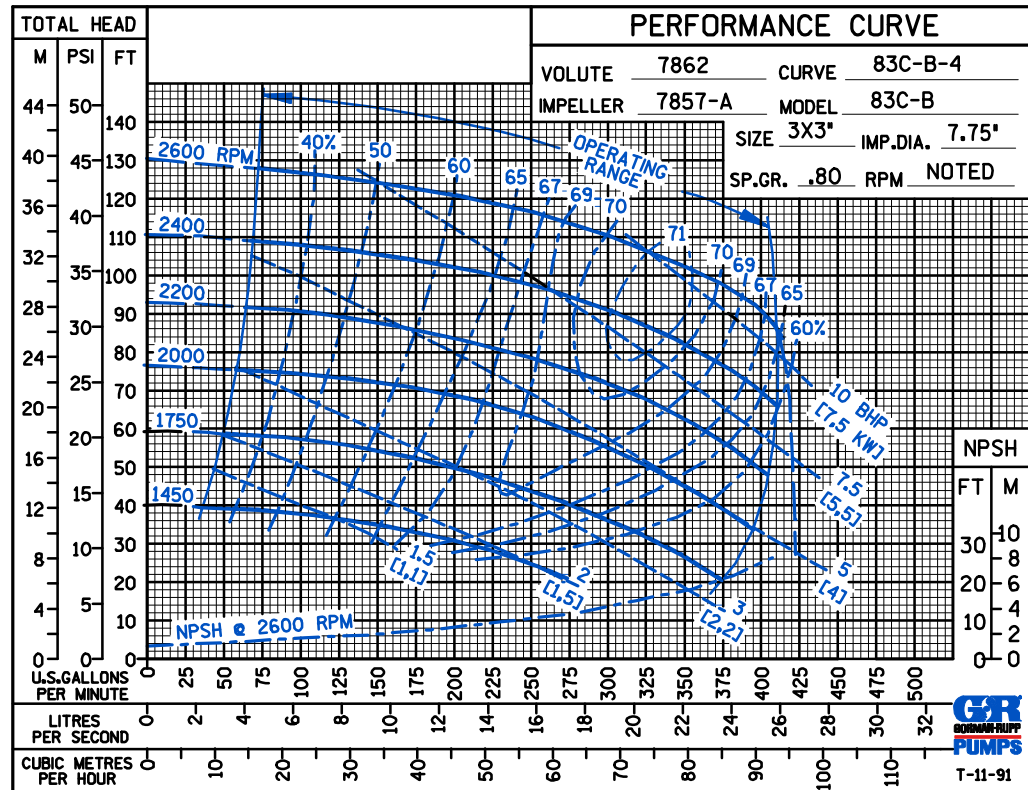
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