

B C



Self Priming Centrifugal Pump

Basic Pedestal

Model 03C31D--B

Size 3" x 3"

PUMP SPECIFICATIONS

Size: 3" x 3" NPT (76 mm x 76 mm) - Female.

Casing: Ductile Iron No. 60-40-18. Maximum Operating Pressure 77 psi (531 kPa).*

Enclosed Type, Five Vane Impeller: Bronze No. C8360C
Handles 7/16" (11,1 mm) Diameter Spherical Solids.

Impeller Shaft: Steel No. 1018.

Replaceable Vane Plate: Gray Iron No. 30.

Pedestal: Gray Iron No. 30.

Seal Plate: Ductile Iron No. 60-40-18.

Shaft Sleeve: Alloy Steel No. 4130.

Radial/Thrust Bearings: Open Single Ball.

Bearing Lubrication: SAE No. 30 Non-Detergent Oil.

Flanges: Ductile Iron No. 60-40-18.

O-Rings: Buna-N and Fluorocarbon (DuPont Viton® or Equivalent).

Gaskets: Composition Cork and Buna-N.

Hardware: Standard Plated Steel.

Oil Level Sight Gauge.

Optional Equipment: All Iron Construction.

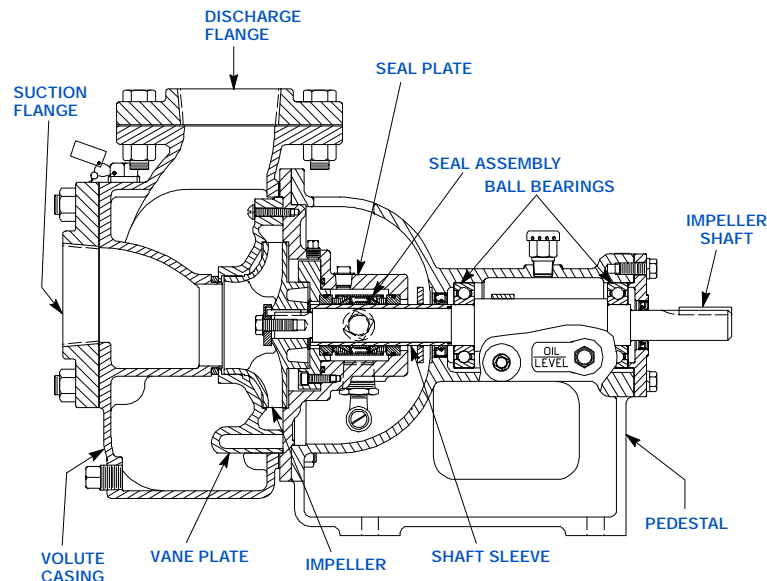
* Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.



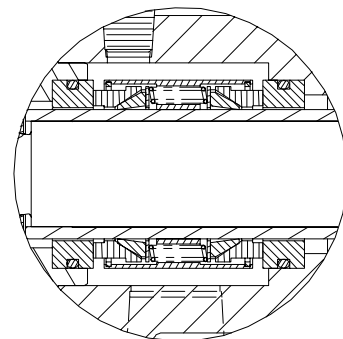
SEAL SPECIFICATIONS

Double, Self-Lubricated, Type 9 Mechanical. Carbon Rotating Faces. Ni-Resist Stationary Faces. PTFE and Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel No. 316 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).*

Note: A Barrier Liquid Compatible With The Liquid Being Pumped Must Be Supplied To The Seal Cavity. Consult The Factory For Specific Applications.



SEAL AREA DETAIL



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Specifications Subject to Change Without Notice

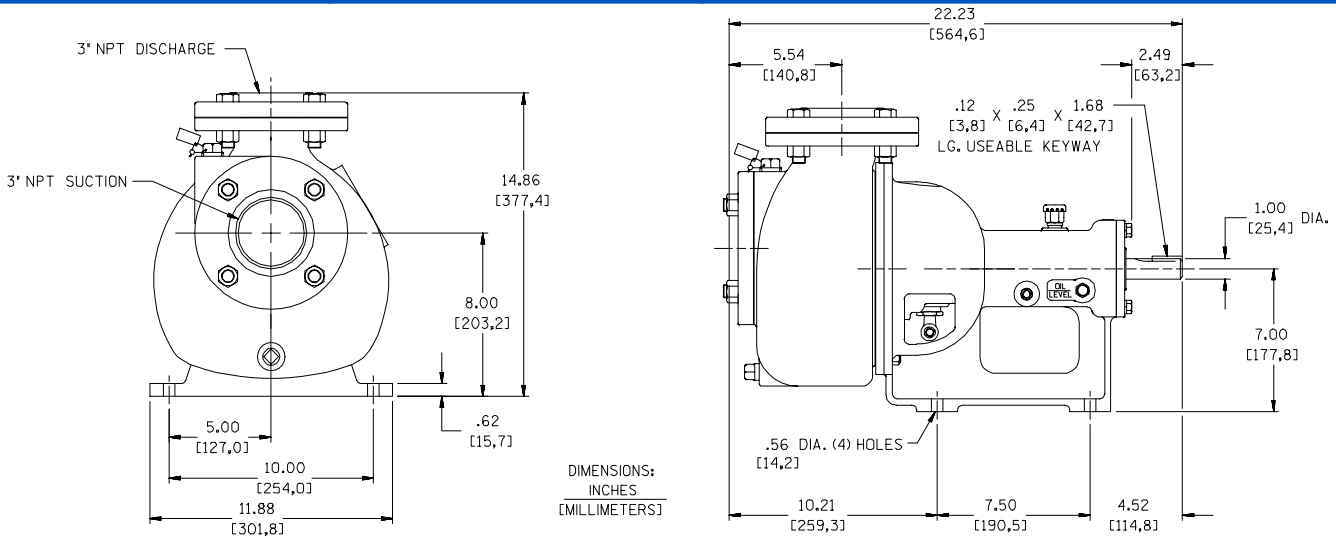
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Specification Data

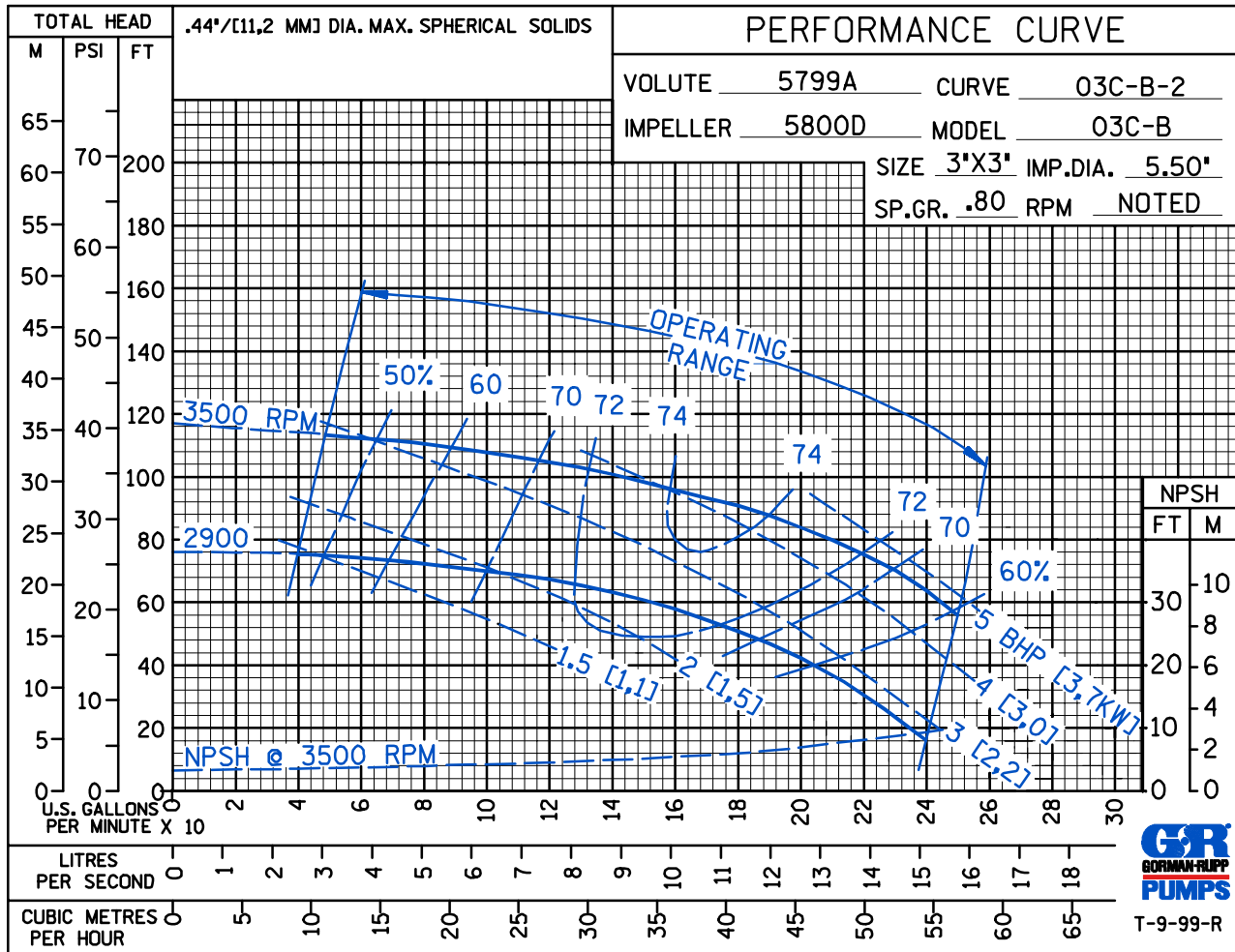
APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 122 LBS. (55 KGS.)
SHIPPING WEIGHT: 132 LBS. (60 KGS.)
EXPORT CRATE: 3.6 CU. FT. (0,1 CU. M.)

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PERFORMANCE BASED ON PETROLEUM



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