



Self Priming Centrifugal Pump

Models 12C2-B and 12C20-B

Size 2" x 2"

PUMP SPECIFICATIONS

Size: 2" x 2" (51 mm x 51 mm) NPT - Female.

Casing: Gray Iron 30.

Maximum Operating Pressure 61 psi (421 kPa).*

Semi-Open Type, Two Vane Impeller: Ductile Iron 65-45-12.
Handles 1 1/8" (28,6 mm) Diameter Spherical Solids.

Impeller Shaft: Steel 1025.

Replaceable Wear Plate: Carbon Steel 1026.

Removable Cover Plate: Gray Iron 30. Weight 12 lbs. (5 kg).

Pedestal: Gray Iron 30.

Seal Plate: Gray Iron 30.

Flap Valve: Gray Iron 30 and Neoprene.

Seal Liner : (12C2-B) Copper Alloy C26000.

Shaft Sleeve: (12C20-B) Alloy Steel 4130.

Radial and Thrust Bearing: Open Single Row Ball.

Bearing Lubrication: SAE 30 Non-Detergent Oil.

Flange: Gray Iron 30.

Gaskets: Vegetable Fiber and Rubber.

O-Rings: (12C2-B) Buna-N.

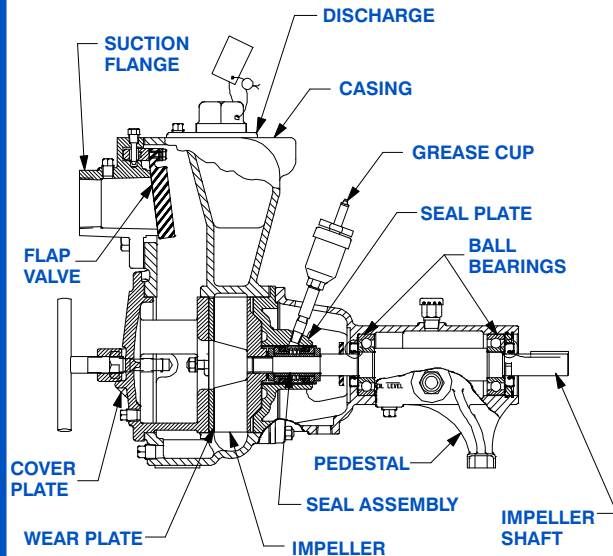
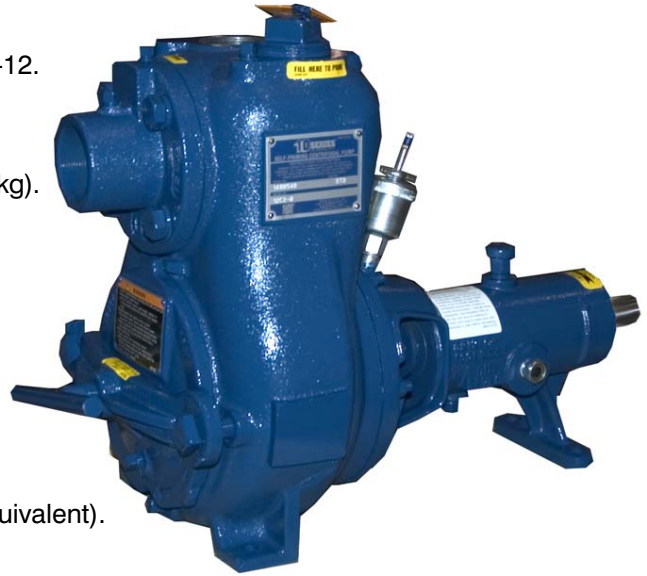
(12C20-B) Fluorocarbon (DuPont Viton® or Equivalent).

Hardware: Standard Plated Steel.

Optional Equipment:

Strainer. Consult Factory for Additional Options.

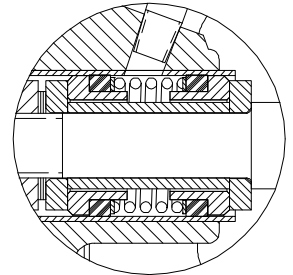
**Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*



12C2-B SHOWN

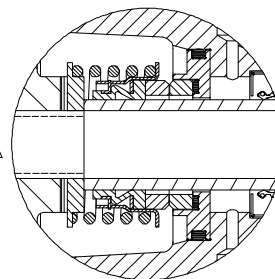
12C2-B SEAL DETAIL

Double, Grease-Lubricated with Spring-Loaded Grease Cup. Steel Rotating Faces. Sintered Bronze Stationary Seal Seats. Neoprene Packing Rings. Maximum Temperature of Liquid Pumped, 110°F (43°C). Maximum Suction Pressure 10 PSI (69 kPa).*



12C20-B SEAL DETAIL

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



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

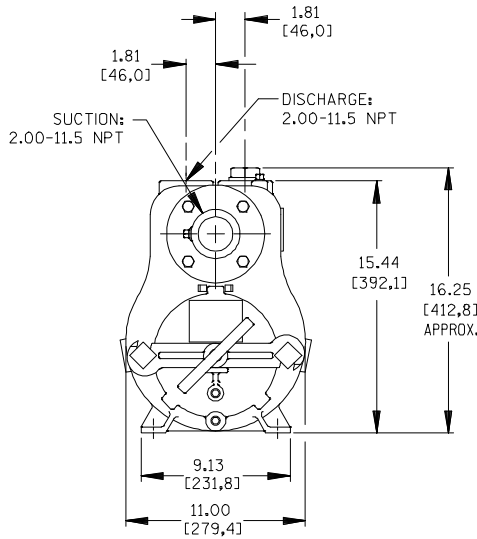
Printed in U.S.A.

Specification Data

SECTION 55, PAGE 300

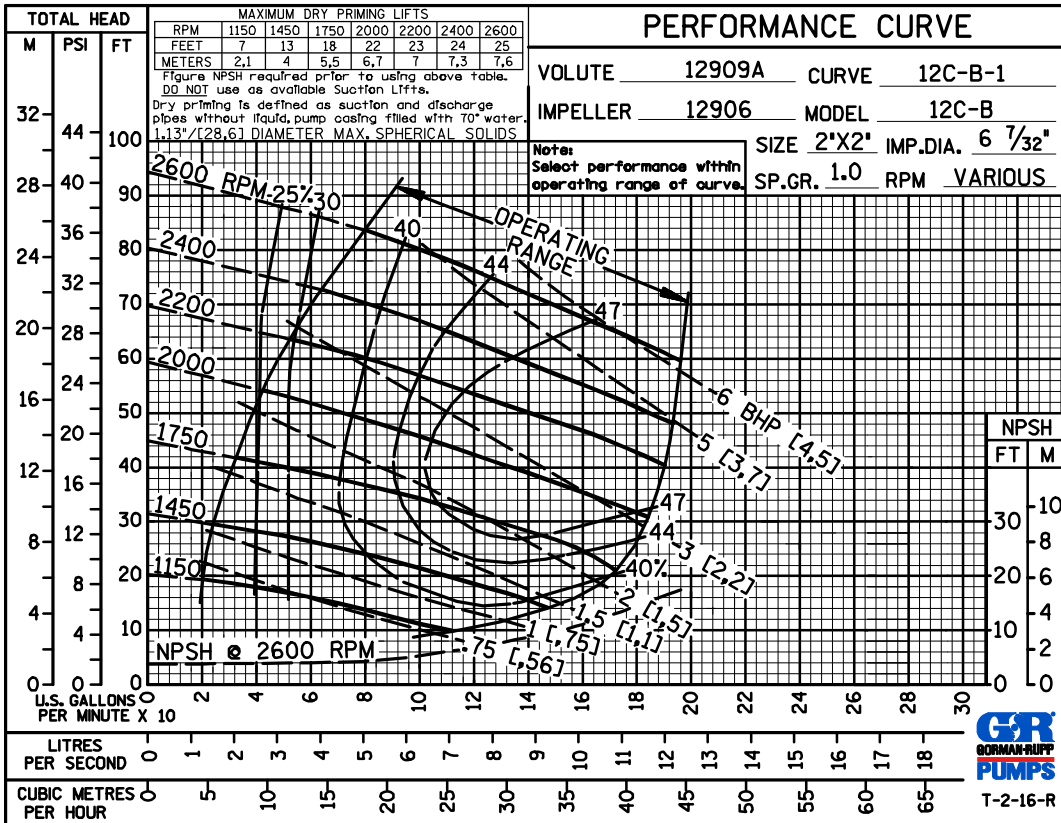
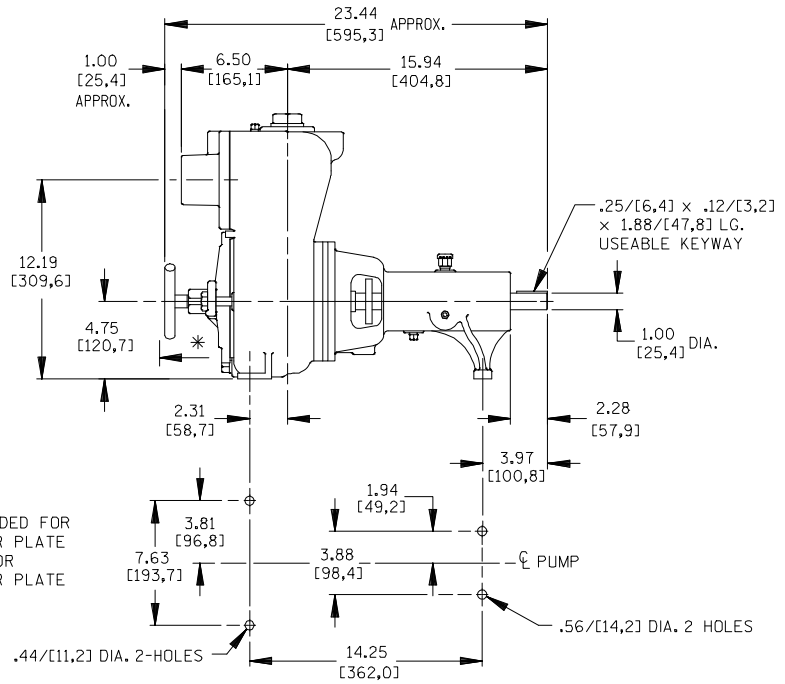
APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 116 LBS. (53 KG.)
SHIPPING WEIGHT: 126 LBS. (57 KG.)
EXPORT CRATE SIZE: 7.9 CU. FT. (0,22 CU. M.)



DIMENSIONS:
INCHES
[MILLIMETERS]

* 18.00/[457,2] RECOMMENDED FOR
REMOVAL OF BACK COVER PLATE
6.00/[152,4] REQUIRED FOR
REMOVAL OF BACK COVER PLATE



GORMAN-RUPP PUMPS

www.grpumps.com

Specifications Subject to Change Without Notice

Printed in U.S.A.