

ACE



Self Priming Centrifugal Pump

Model 112B60-B

Size 12" x 10"

PUMP SPECIFICATIONS

Size: 12" x 10" (305 mm x 254 mm) Flanged.

Casing: Gray Iron 30.

Maximum Operating Pressure 90 psi (621 kPa).*

Semi-Open Type, Two Vane Impeller: Ductile Iron 120-90-02. Handles 3" (76,2 mm) Diameter Spherical Solids.

Impeller Shaft: Alloy Steel 4150.

Replaceable Wear Plate: Ductile Iron No.80-60-03.

Removable Clean-Out Cover Plate: Gray Iron 30; 3 lbs. (1,4 kg).

Bearing Housing: Gray Iron 30.

Intermediate Bracket: Gray Iron 30.

Suction Head: Gray Iron 30.

Pedestal Body: Gray Iron 30.

Seal Plate: Gray Iron 30.

Shaft Sleeve: Stainless Steel 304.

Flap Valve: Neoprene ^w/Steel Reinforcement.

Flap Valve Seat: Gray Iron 30.

Radial Bearing: Open Single Row Ball.

Thrust Bearings: Two, Open Single Row Ball.

Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.

Discharge Spool Flange: Gray Iron 30.

Gaskets: Vegetable Fiber, Resistant Synthetic Rubber and Cork.

O-Rings: Buna-N.

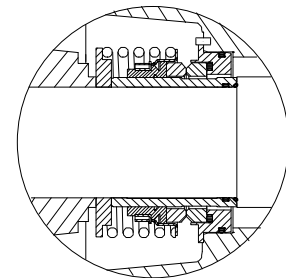
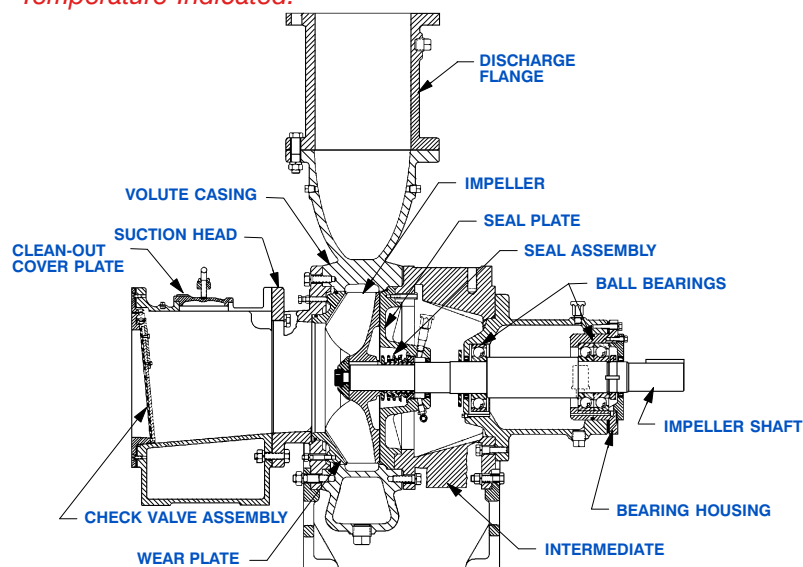
Hardware: Standard Plated Steel.

Bearing and Seal Cavity Bottle Oilers.

Strainer.

Optional Equipment: CD4MCu Stainless Steel Impeller and Wear Plate. G-R Hard Iron Impeller and Wear Plate. High Pump Temperature Shutdown Kit.

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



SEAL DETAIL

Type 2, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton[®] or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature Pumped is 160°F (71°C).*



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www.grpumps.com

Specifications Subject to Change Without Notice

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Specification Data

APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT: 2140 LBS. (970,6 KG.)

SHIPPING WEIGHT: 2265 LBS. (1027,3 KG.)

EXPORT CRATE SIZE: 96 CU. FT. (2,7 CU. M.)

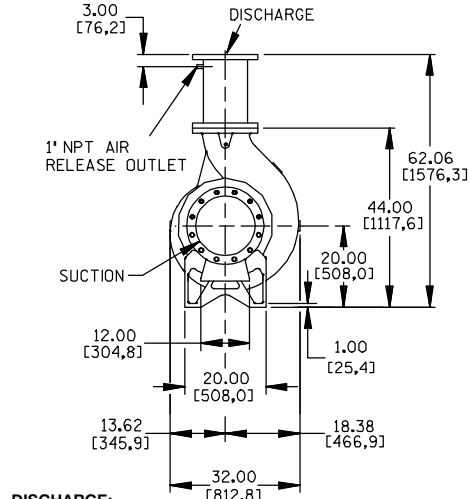
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SUCTION:

BOTTOM 1" (25.4mm) DIAMETER SIX HOLES DRILLED THRU. TOP 0.88-9 UNC-3 SIX HOLES TAPPED TO DEPTH AS FOLLOWS: TWO HOLES LOCATED 45° FROM CENTER ARE TAPPED 1.94 (49.2mm) DEEP. REMAINING FOUR HOLES TAPPED THRU. ALL HOLES LOCATED ON 17" (431.8mm) B.C.

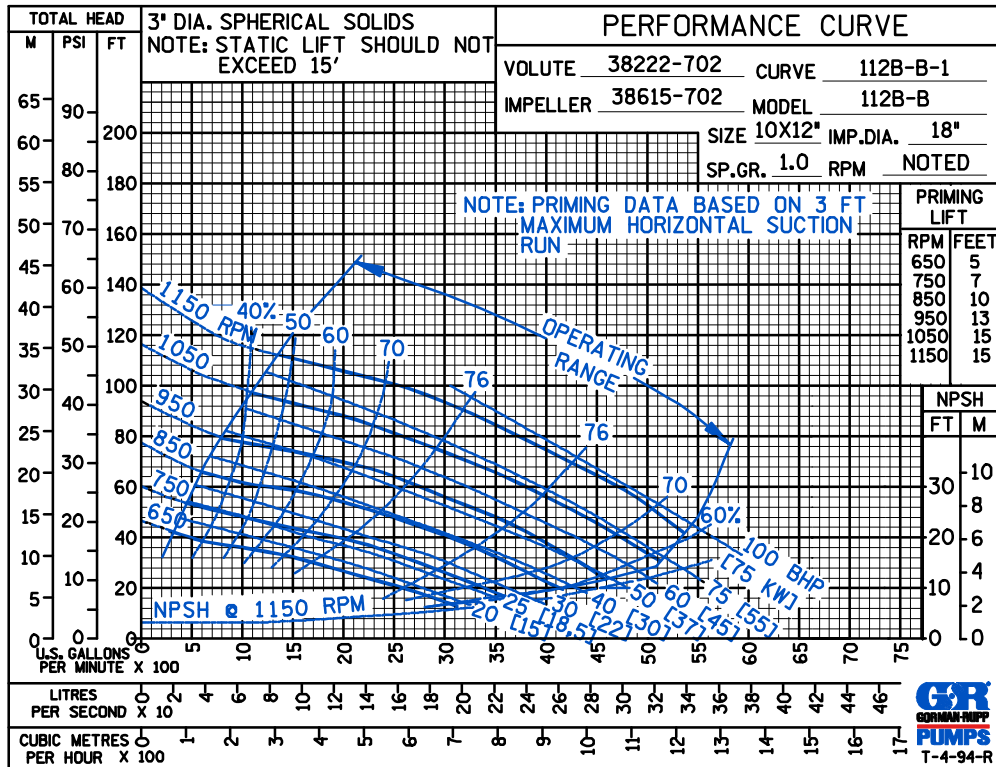
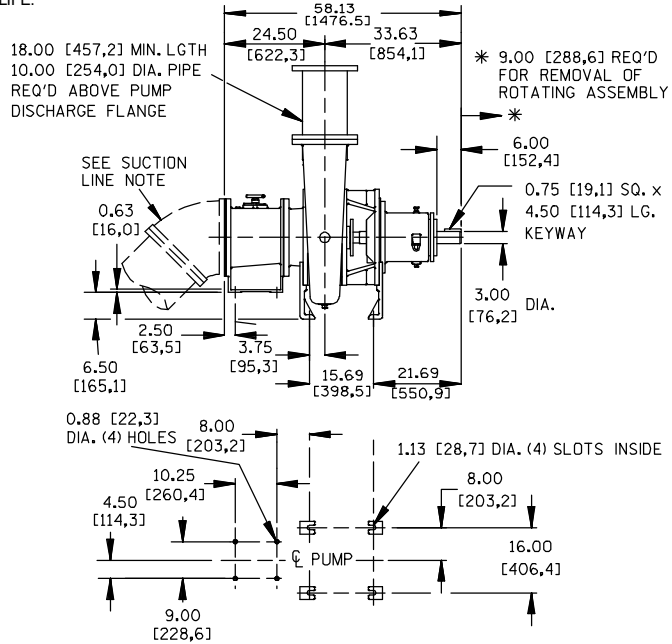
SUCTION LINE NOTE:

FOR SELF PRIMING APPLICATION AVOID HORIZONTAL SUCTION LINES. IF USED, MAXIMUM ACCEPTABLE RUN IS 6' (1.83m). PREFERRED INSTALLATION WOULD ANGLE SUCTION LINE DOWNWARD WITH 45° ELBOW AS SHOWN. LONG HORIZONTAL SUCTION LINES REDUCE EFFICIENCY BY CREATING INCREASED PRIMING TIME, INCREASED OPERATIONAL TIME IN PARTIAL PRIME CONDITION, SURGING, AND DECREASED SHAFT AND BEARING LIFE.



DISCHARGE:
125# ANSI 10" (254mm) FLANGE 16" (406,4mm) O.D. TWELVE HOLES 1" (24,4mm) DIA. ON 14.25" (362mm) B.C.

DIMENSIONS:
INCHES
[MILLIMETERS]



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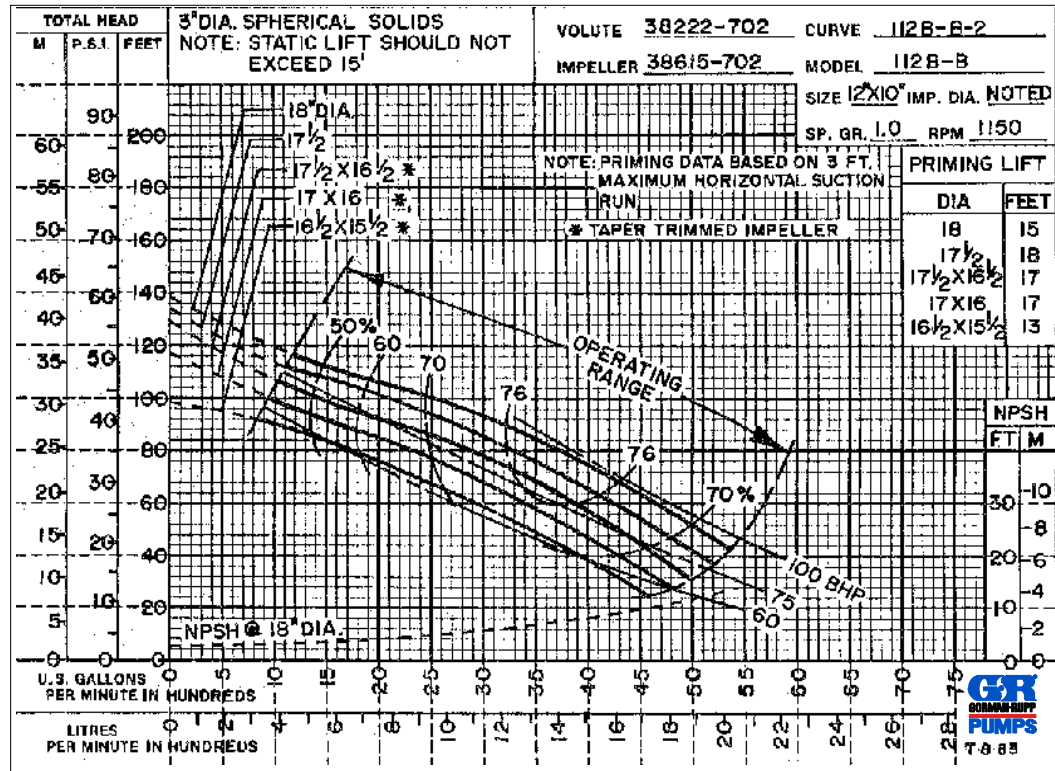
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TRIMMED
IMPELLER



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