

C D F S W

Basic Pump

Super
U SERIES™**Self Priming Centrifugal Pump**
Model U4A60S-B**Size 4" x 4"****PUMP SPECIFICATIONS****Size:** 4" (102 mm) Flange Suction x 4" (102 mm) NPT Female Discharge.**Casing:** Gray Iron No. 30.

Maximum Operating Pressure 128 psi (883 kPa).*

Semi-Open Type, Six Vane Impeller: Ductile Iron 60-40-18.

Handles 1 1/8" (28,6 mm) Diameter Spherical Solids.

Impeller Shaft: Alloy Steel No. 4150.**Replaceable Wear Plate:** Gray Iron No. 30.**Removable Adjustable Cover Plate:** Gray Iron No. 30; 60 lbs. (27 kg).**Suction Extension Pipe:** Schedule 40 Steel w/Gray Iron Flange.**Bearing Housing:** Gray Iron No. 30.**Seal Plate:** Gray Iron No. 30.**Shaft Sleeve:** Alloy Steel No. 4130.**Radial Bearing:** Open Single Row Ball.**Thrust Bearing:** Open Double Row Ball.**Bearing and Seal Cavity Lubrication:** SAE No. 30 Non-Detergent Oil.**Flanges:** 125# Gray Iron No. 30.**Gaskets:** Cork, Rubber, Vegetable Fiber and PTFE.**O-Rings:** Buna-N.**Hardware:** Standard Plated Steel.**Brass Pressure Relief Valve.****Victaulic® Suction Coupling.****Bearing and Seal Cavity Oil Level Sight Gauges.****Optional Equipment:**

Stainless Steel No. 316 Seal Plate, Wear Plate and Pressure Relief Valve.
G-R Hard Iron Impeller, Seal Plate, and Wear Plate. Automatic Air Release Valve. 120V/240V Casing Heater. High Pump Temperature Shutdown Kit. Permalon, Kalrez or Fluorocarbon Metal Bellow Seals. Stainless Steel Cartridge Seal.

4" ASA Gray Iron No. 30 Discharge Spool Flange:

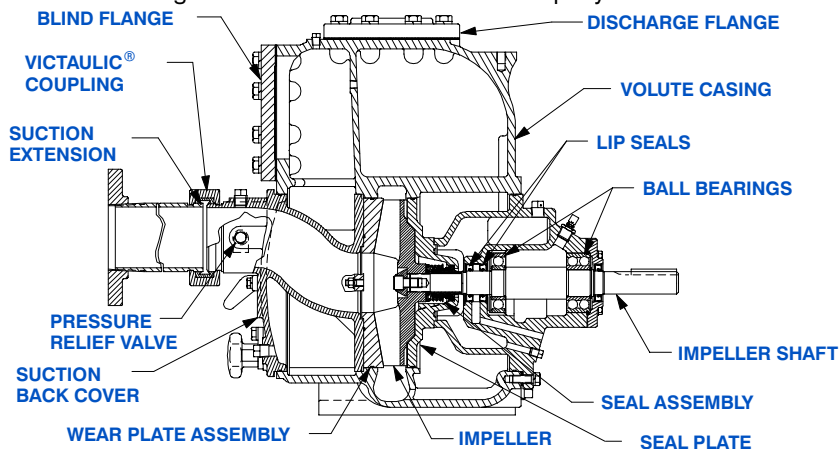
(Specify Model U4A60S-B /F).

100 mm DIN 2527 (PN 16) Gray Iron No. 30 Suction and Discharge Spool

Flanges. **(Specify Model U4A60S-B /FM).**

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

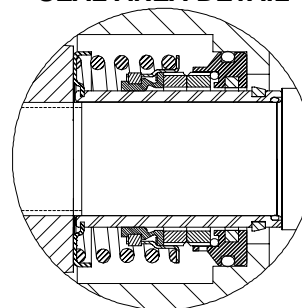
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**Shown w/Optional
Discharge Spool Flange**

SEAL SPECIFICATIONS

Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Stainless Steel No. 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel No. 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).*

SEAL AREA DETAIL**THE GORMAN-RUPP COMPANY • MANSFIELD, OHIO**

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www.gormanrupp.com
Specifications Subject to Change Without Notice

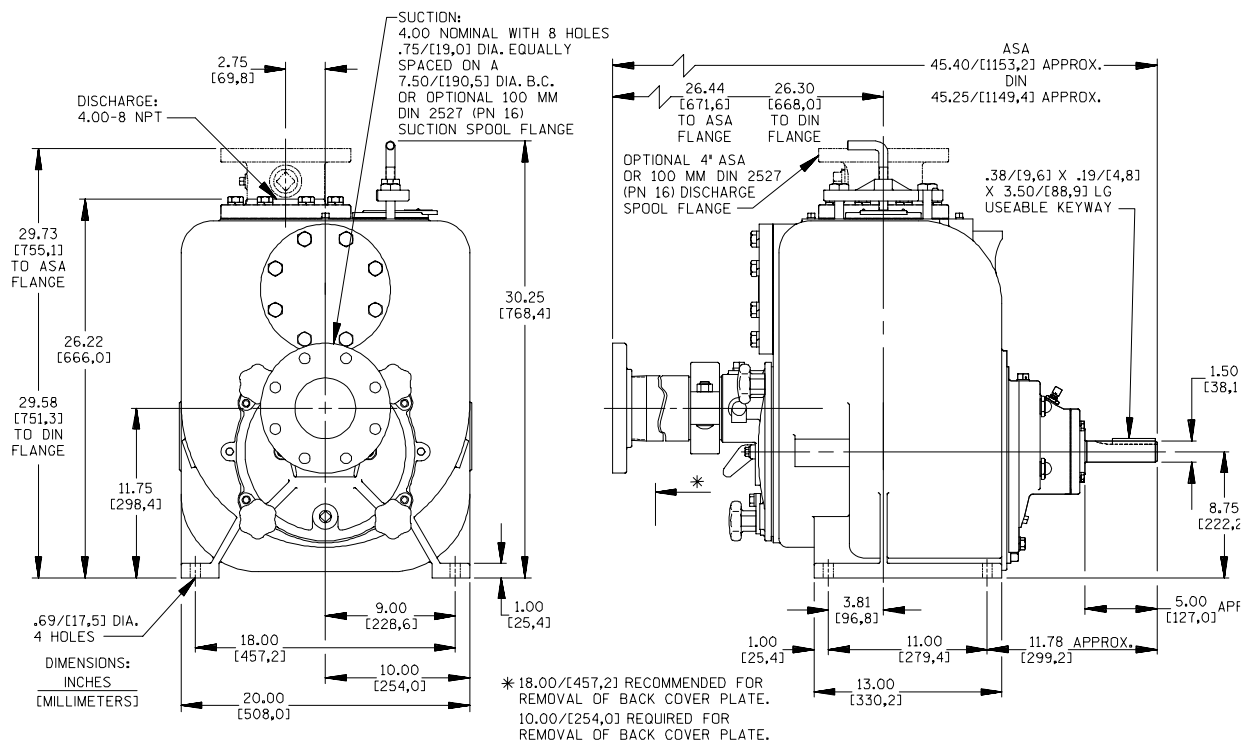
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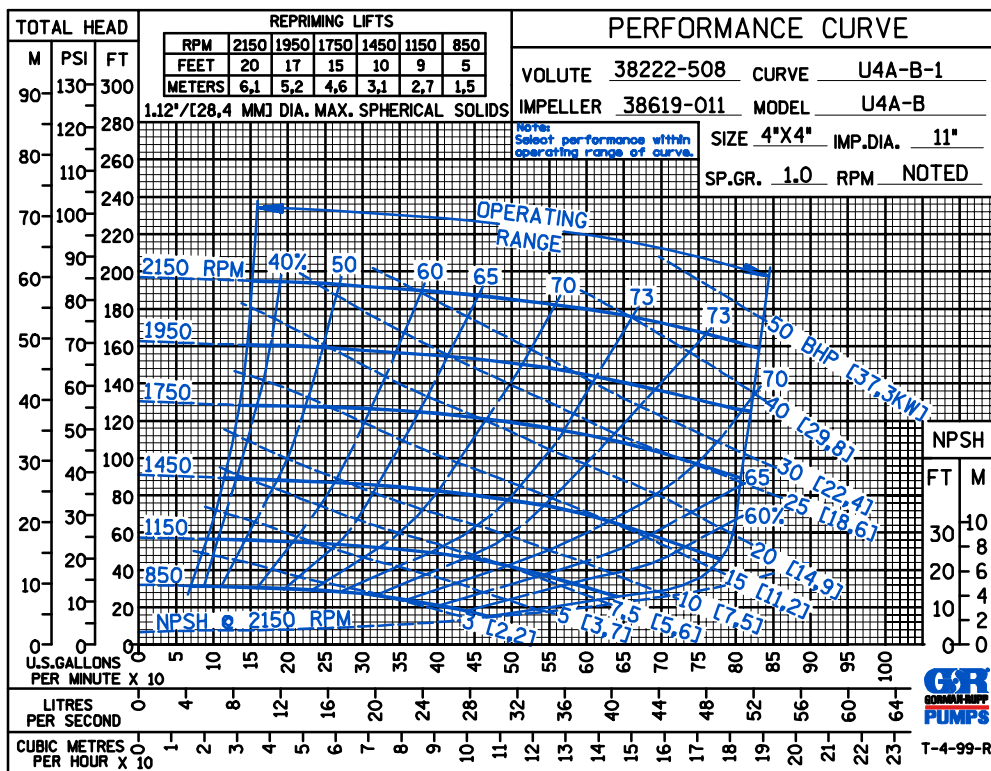
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APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT: 735 LBS. (333 KG.)
SHIPPING WEIGHT: 760 LBS. (345 KG.)
EXPORT CRATE: 24.2 CU. FT. (0,69 CU. M.)



NOTE: OPTIONAL ASA OR DIN STANDARD SPOOL FLANGES AVAILABLE



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PERFORMANCE CURVE

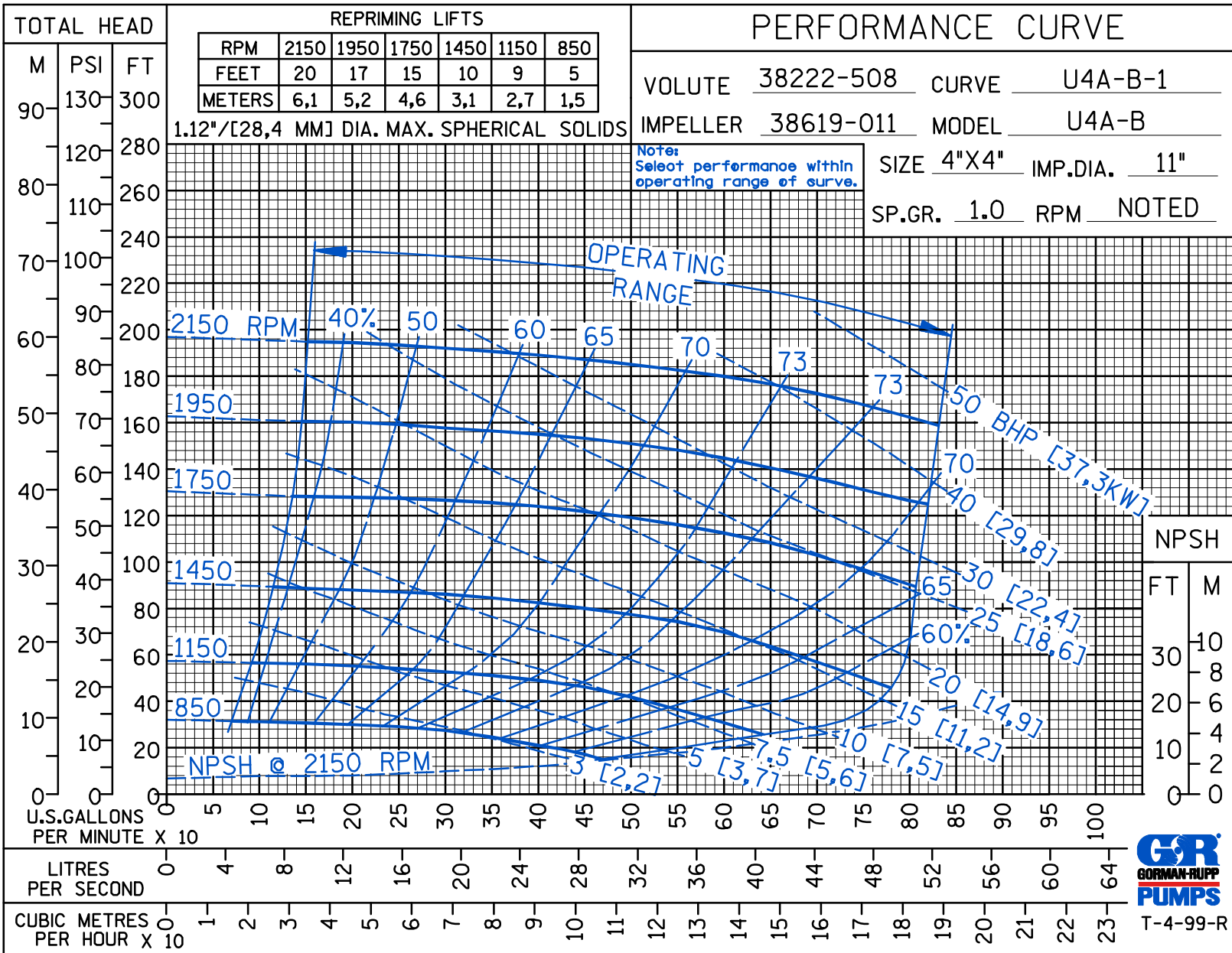
VOLUTE 38222-508 CURVE U4A-B-1
 IMPELLER 38619-011 MODEL U4A-B
 SIZE 4"X4" IMP.DIA. 11"
 SP.GR. 1.0 RPM NOTED

Note:
 Select performance within
 operating range of curve.

REPRIMING LIFTS

RPM	2150	1950	1750	1450	1150	850
FEET	20	17	15	10	9	5
METERS	6,1	5,2	4,6	3,1	2,7	1,5

1.12"/[28,4 MM] DIA. MAX. SPHERICAL SOLIDS



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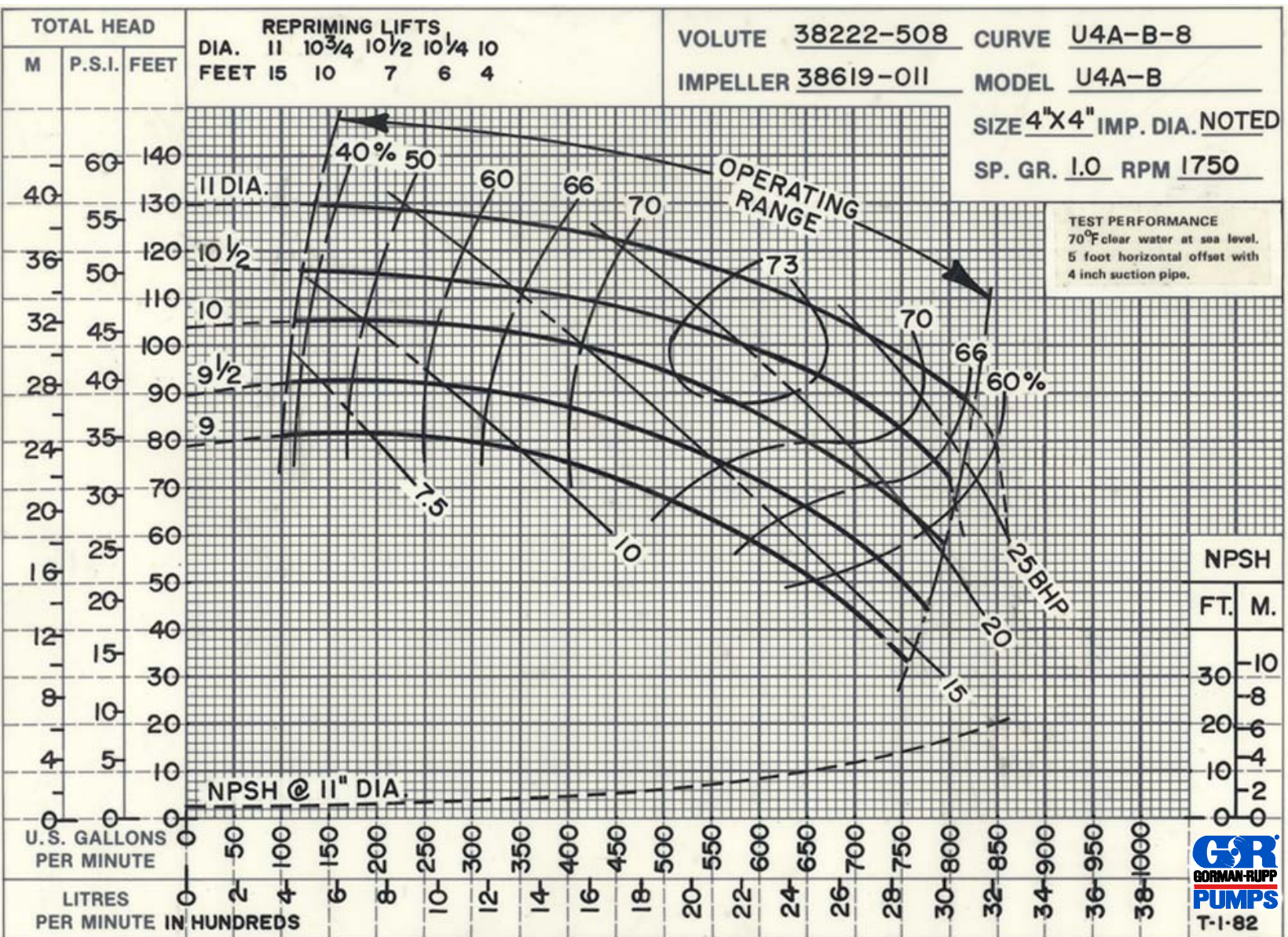
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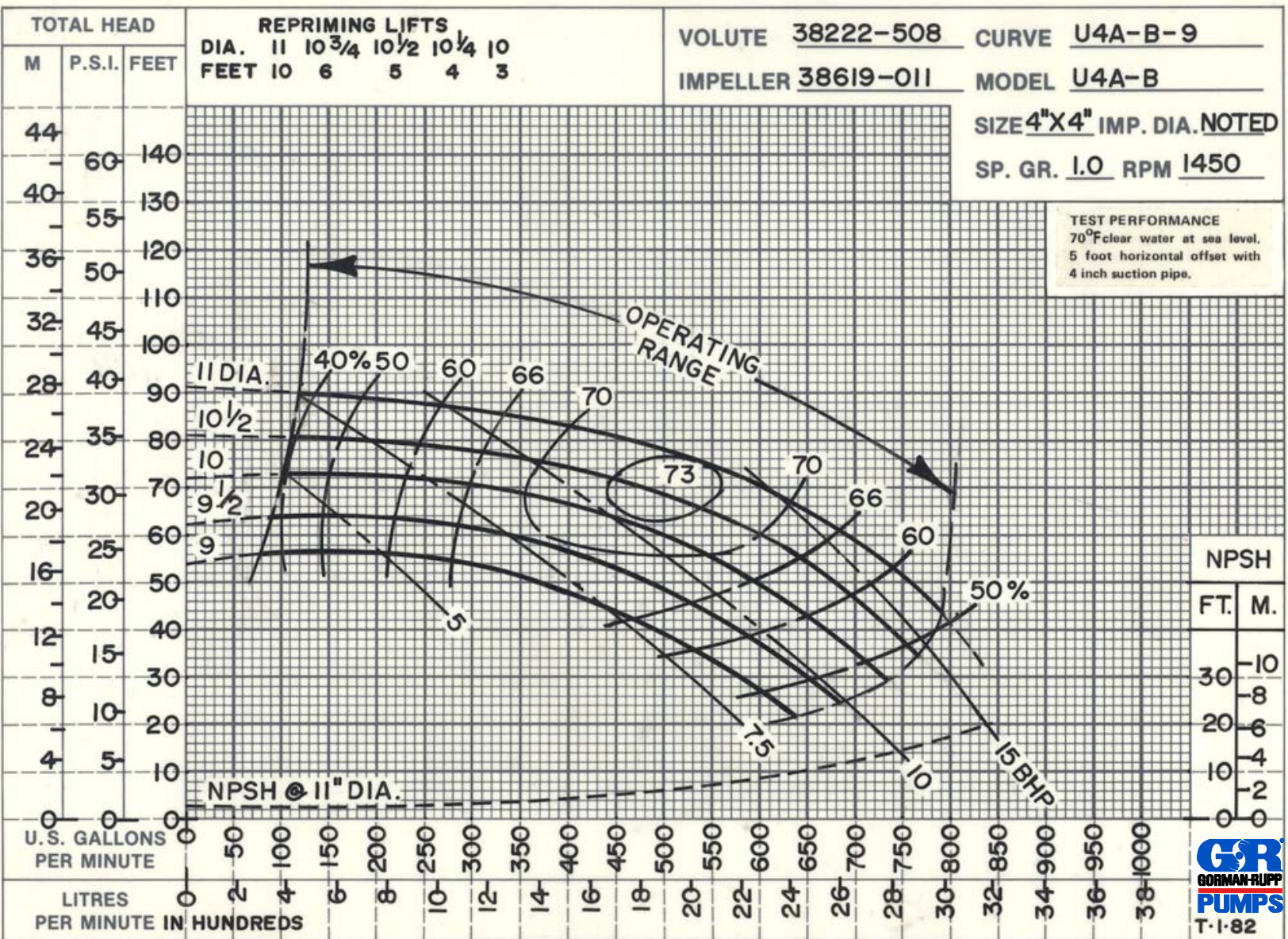


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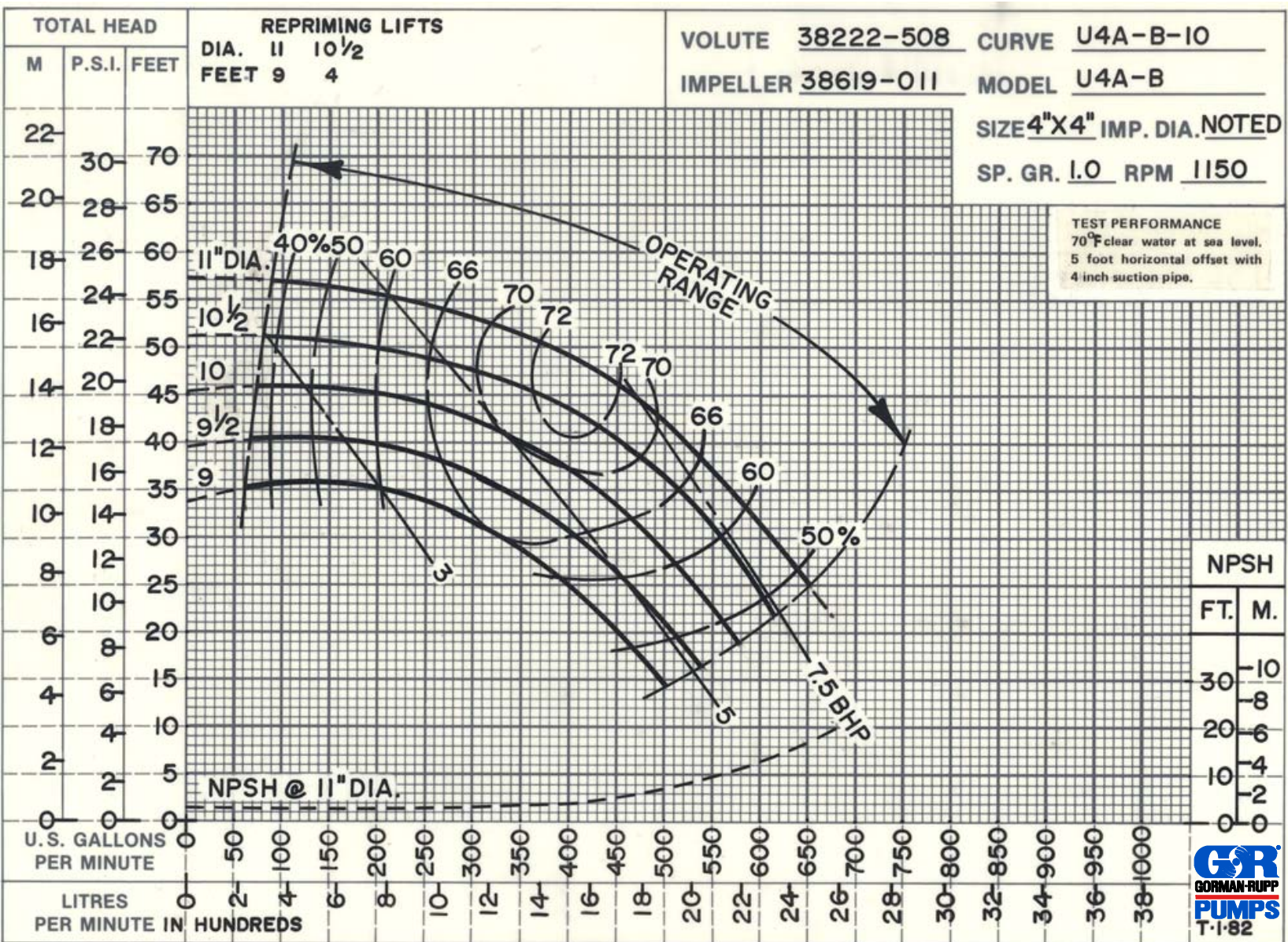
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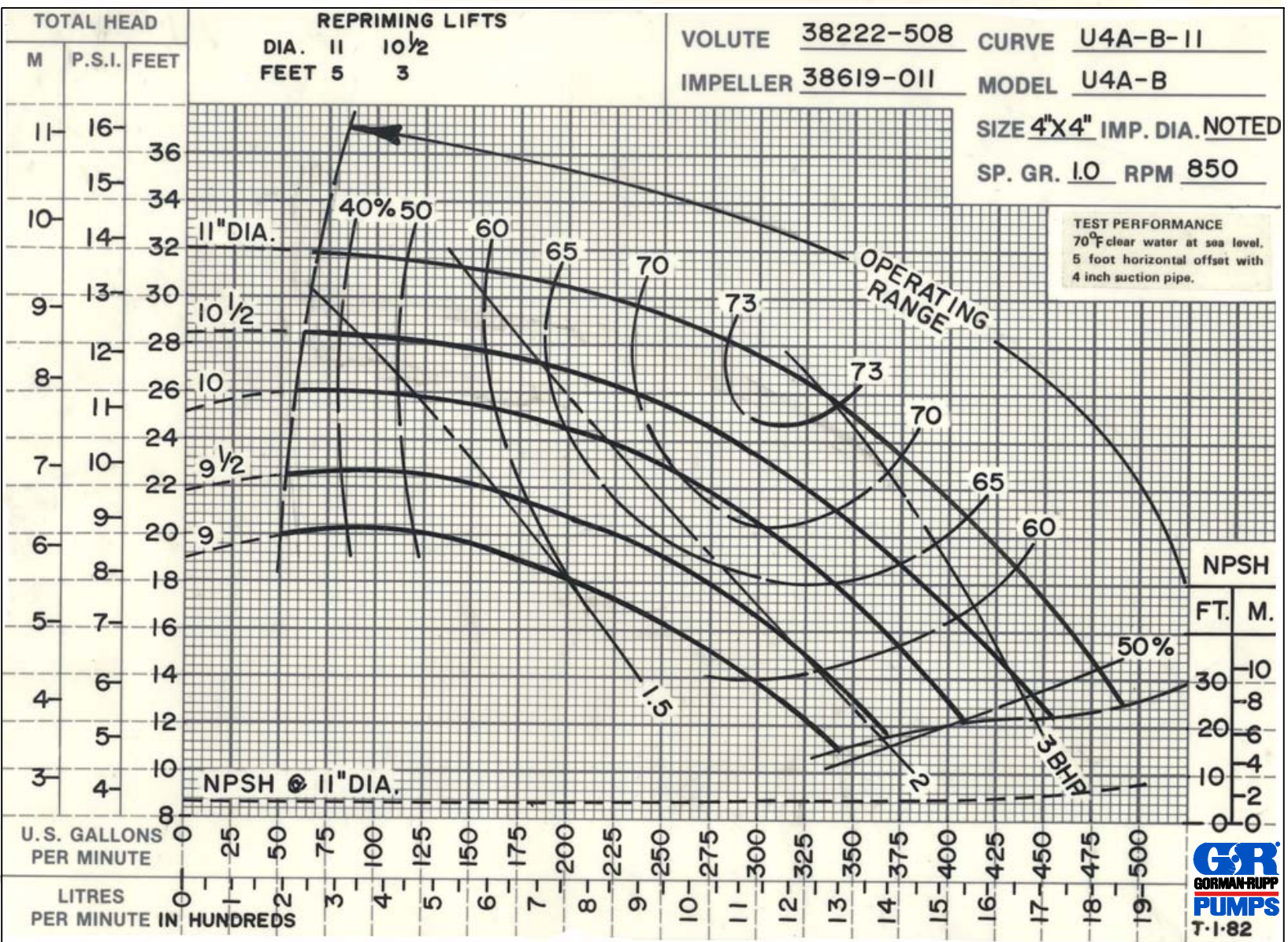
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