ACDE

Basic Pedestal

Self Priming Centrifugal Pump

Models 13C2–B *and* 13C20–B

Size 3” x 3”

PUMP SPECIFICATIONS

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

Casing: Gray Iron No. 30.
Maximum Operating Pressure 70 psi (483 kPa).*

Semi-Open, Two Vane Impeller: Ductile Iron No. 60-40-18.
Handles 2 1/2” (63,5 mm) Diameter Spherical Solids.

Impeller Shaft: Carbon Steel No. 1045.

Replaceable Wear Plate: Carbon Steel C1015.

Removable Cover Plate: Gray Iron No. 30. Weight 15 lbs. (7 kg).

Pedestal: Gray Iron No. 30.

Seal Plate: Gray Iron No. 30.

Flap Valve: Neoprene w/Steel Reinforcing.

Seal Liner: (13C2–B) Copper Alloy C26000.

Shaft Sleeve: (13C20–B) Alloy Steel No. 4150.

Radial and Thrust Bearings: Open Single Row Ball.
Bearing Lubrication: SAE No. 30 Non-Detergent Oil.

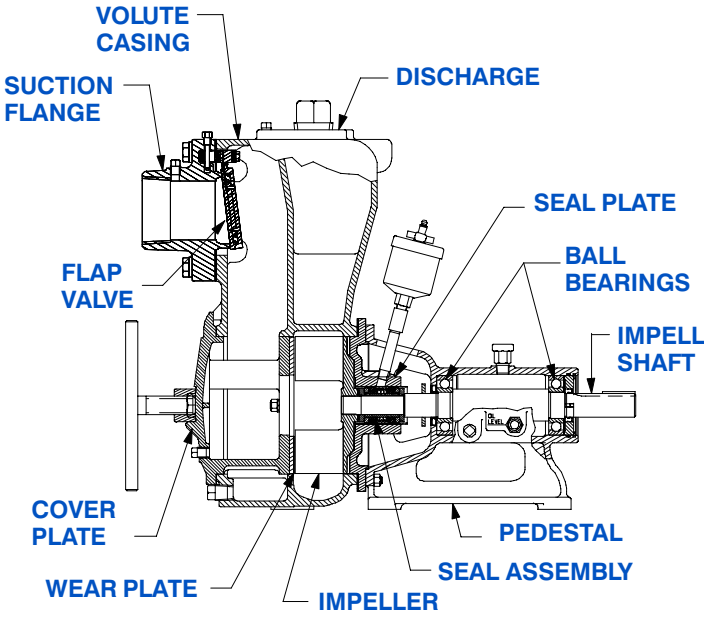
Flange: Gray Iron No. 30.

Gaskets: Buna-N, Vegetable Fiber and Rubber.

Hardware: Standard Plated Steel.

Optional Equipment: Strainer. Gray Iron No. 30 Suction and Discharge Flanges. Casing Heater 120 Volt / 240 Volt. High Temp Shut Down Kit.

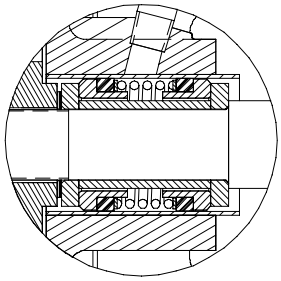
**Consult Factory for Applications Exceeding Maximum Pressure and/or Temperature Indicated.*

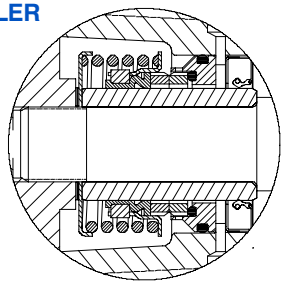


13C2—B SHOWN

13C2–B SEAL DETAIL

Double, Grease-Lubricated with Spring-Loaded Grease Cup. Sintered Bronze Stationary Seal Seats. Steel Rotating Faces. Neoprene Packing Rings. Maximum Temperature of Liquid Pumped, 110°F (43°C). Maximum Suction Pressure 10 PSI (0,69 kPa).*





13C20–B SEAL DETAIL

Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Tungsten Titanium 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).*

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Specification Data

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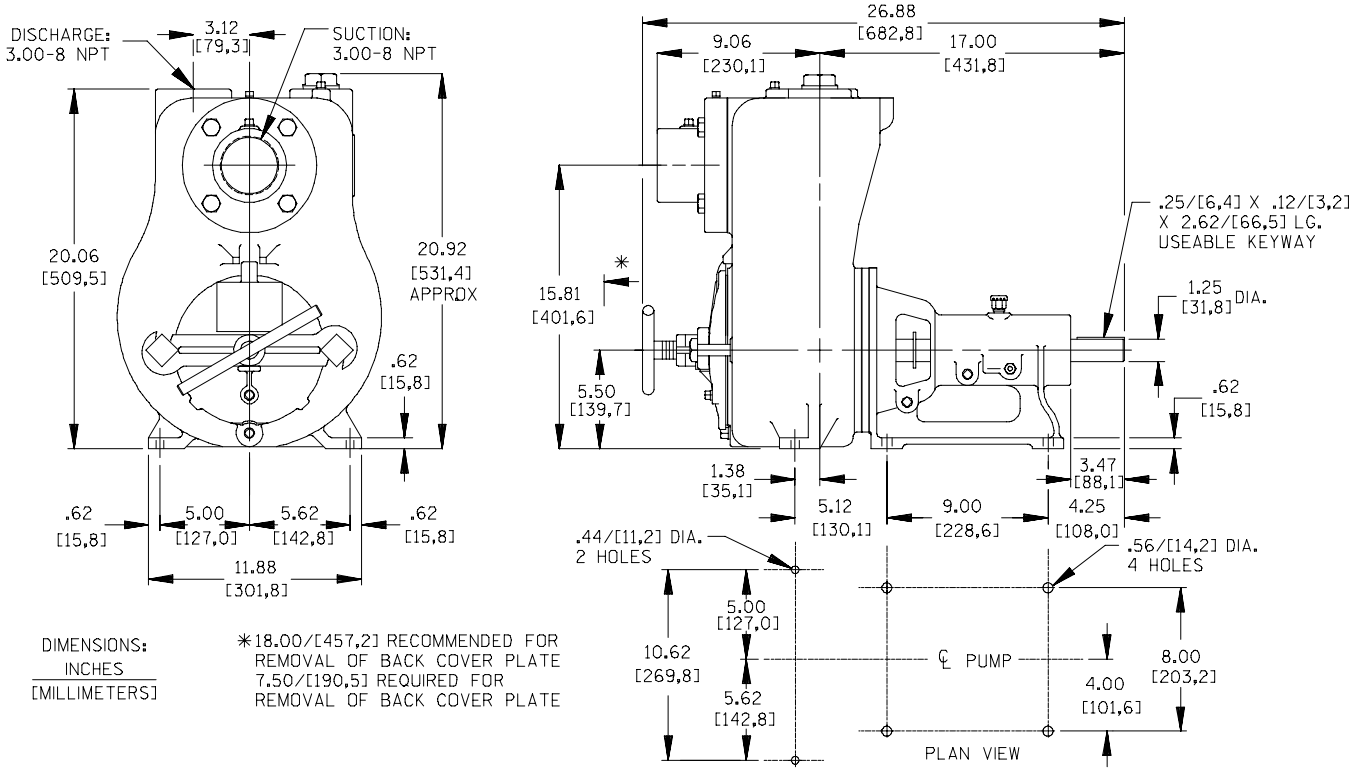
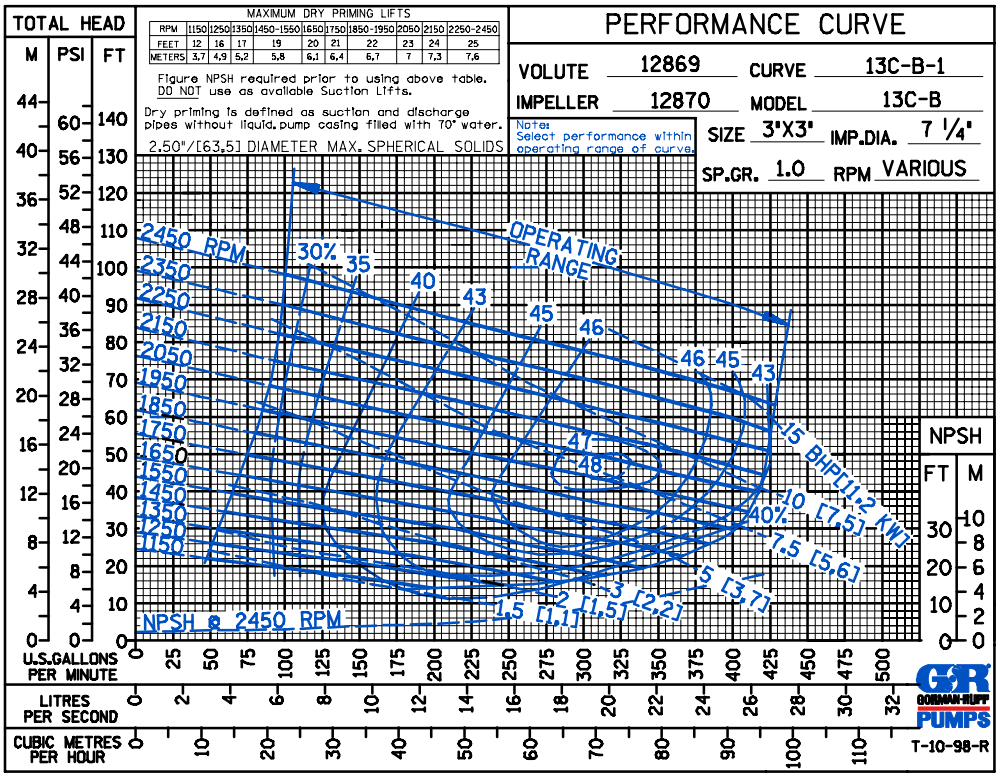
APPROXIMATE
DIMENSIONS and WEIGHTS

NET WEIGHT:	**207 LBS. (94 KG.)**
SHIPPING WEIGHT:	**217 LBS. (98 KG.)**
EXPORT CRATE SIZE:	**7.9 CU. FT. (0,22 CU. M.)**





GORMAN-RUPP PUMPS

THE GORMAN-RUPP COMPANY ● MANSFIELD, OHIO

GORMAN-RUPP OF CANADA LIMITED ● ST. THOMAS, ONTARIO, CANADA

Specifications Subject to Change Without Notice

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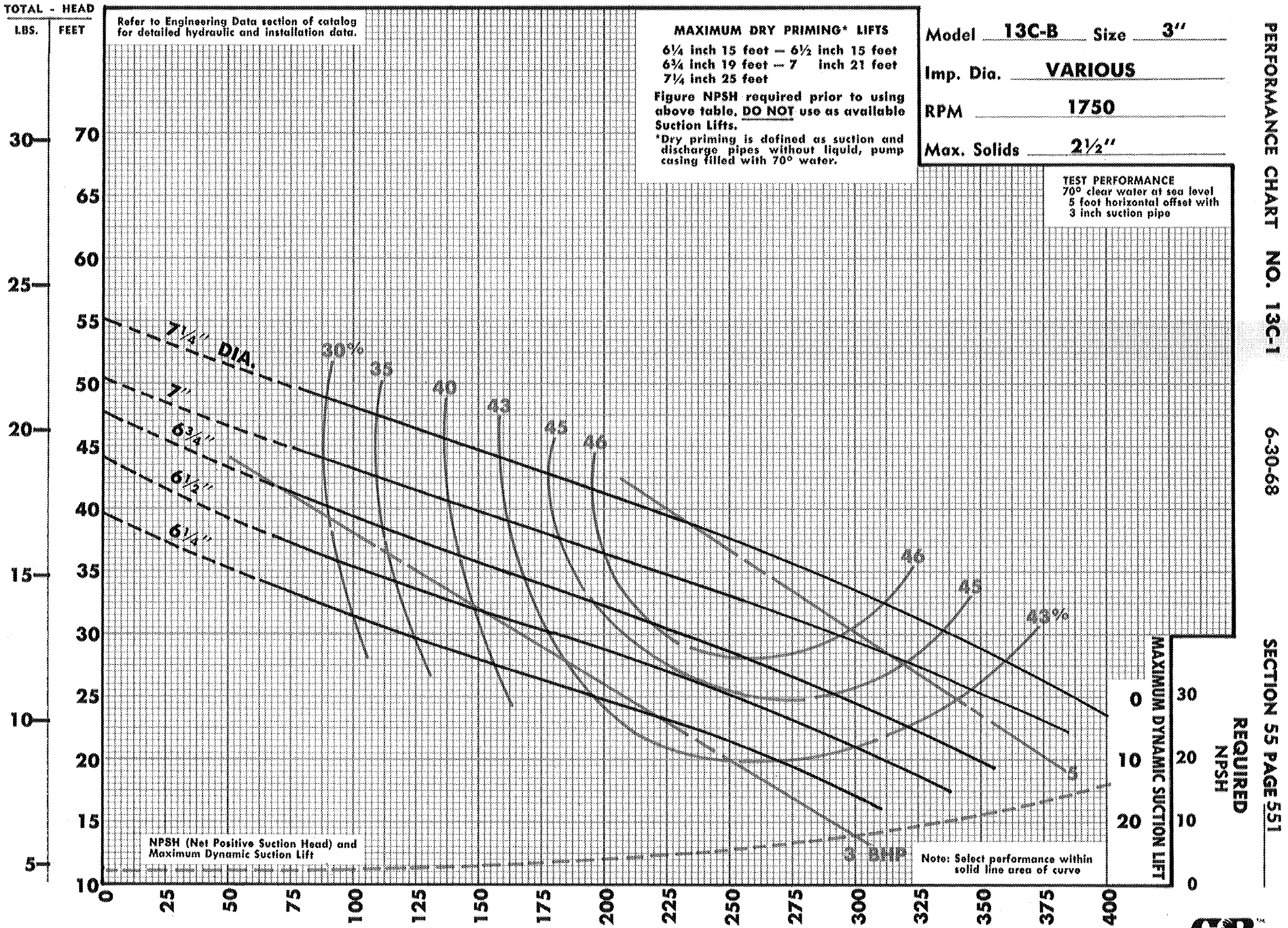

PERFORMANCE CHART NO. 13C-1 6-30-68 SECTION 55 PAGE 551

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For Pump Performance Certification Apply to the Company.

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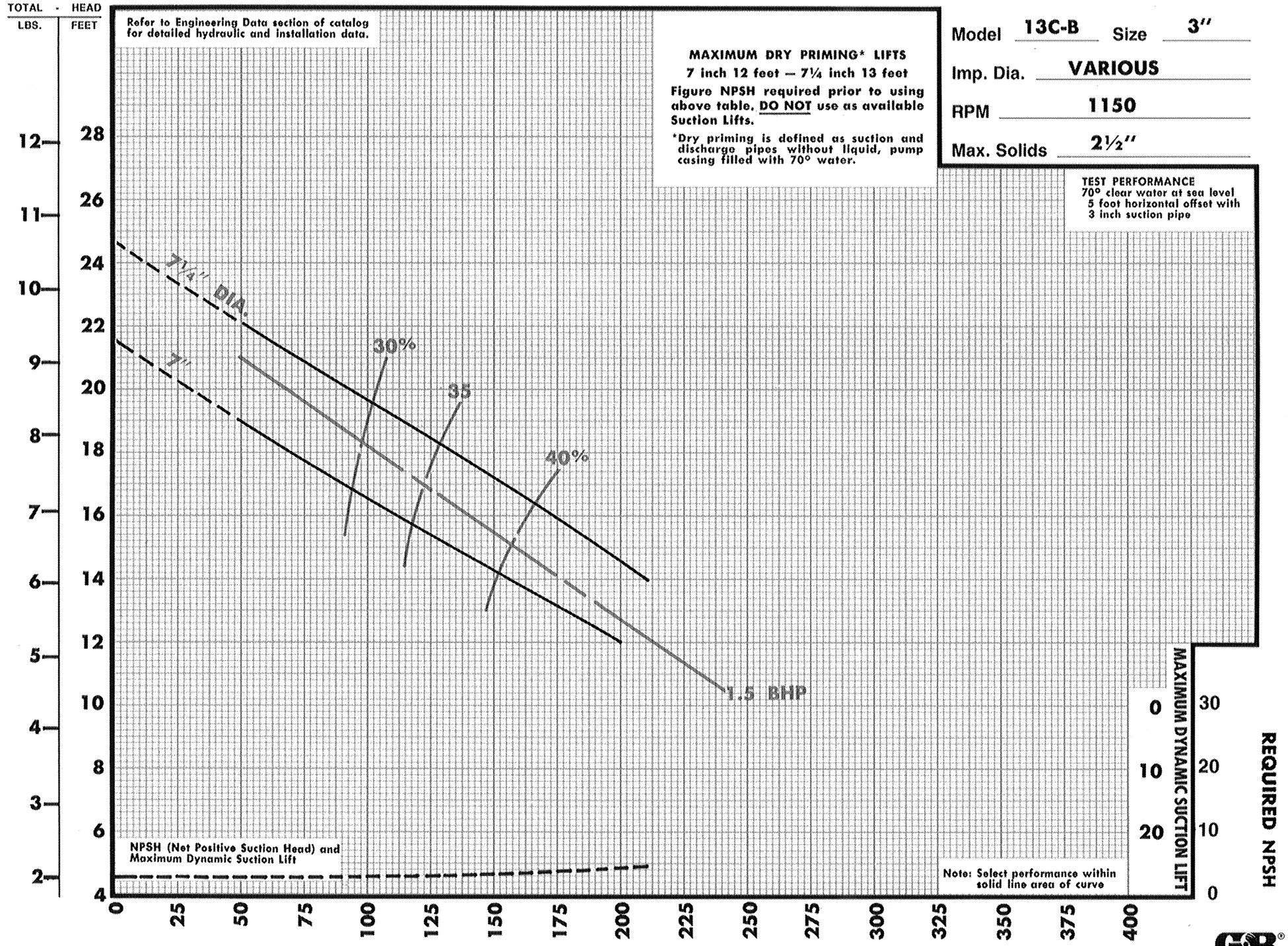

PERFORMANCE CHART NO. 13C-2 6-30-68

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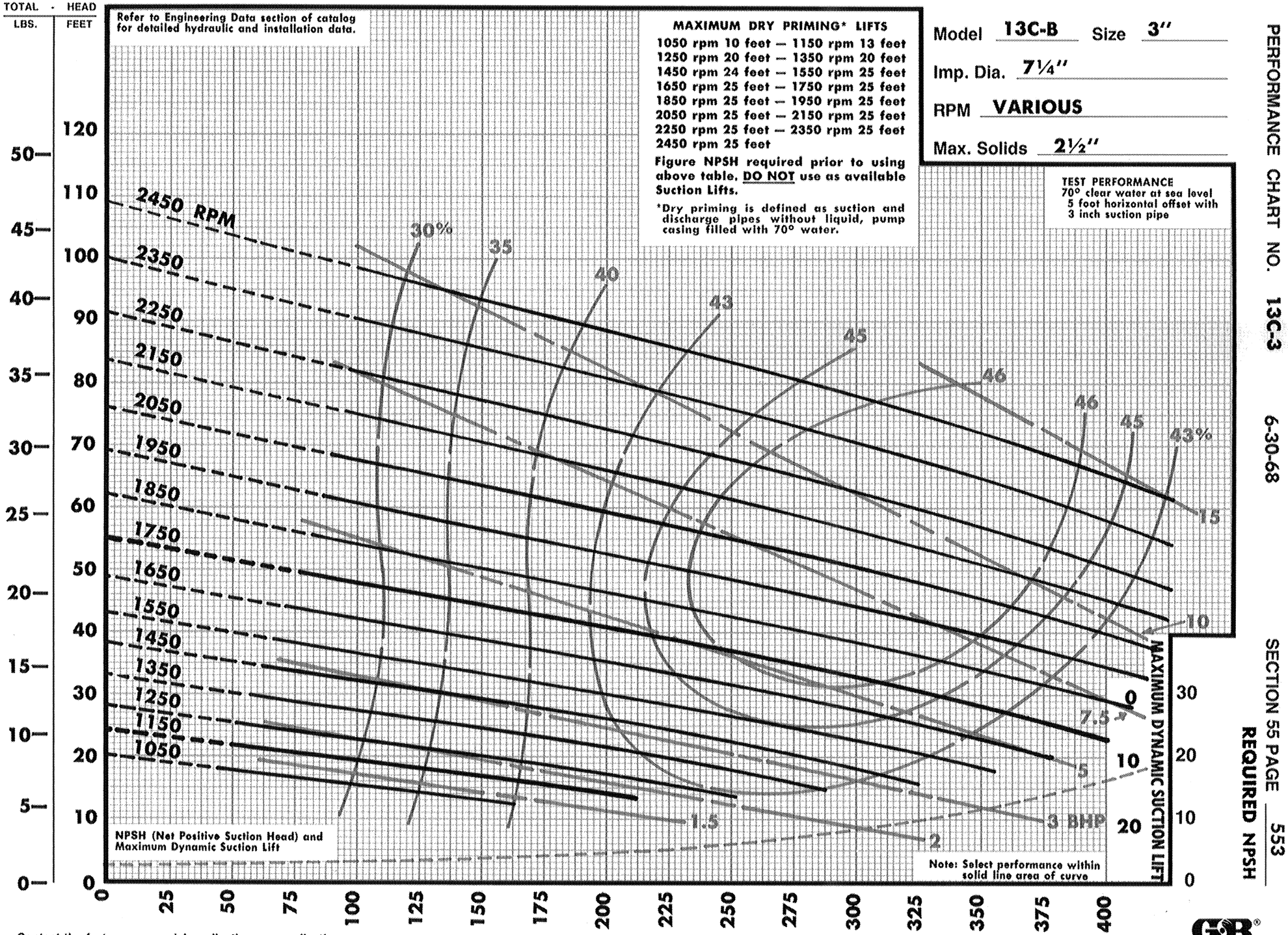

PERFORMANCE CHART NO. 13C-3 6-30-68

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REQUIRED NPSH

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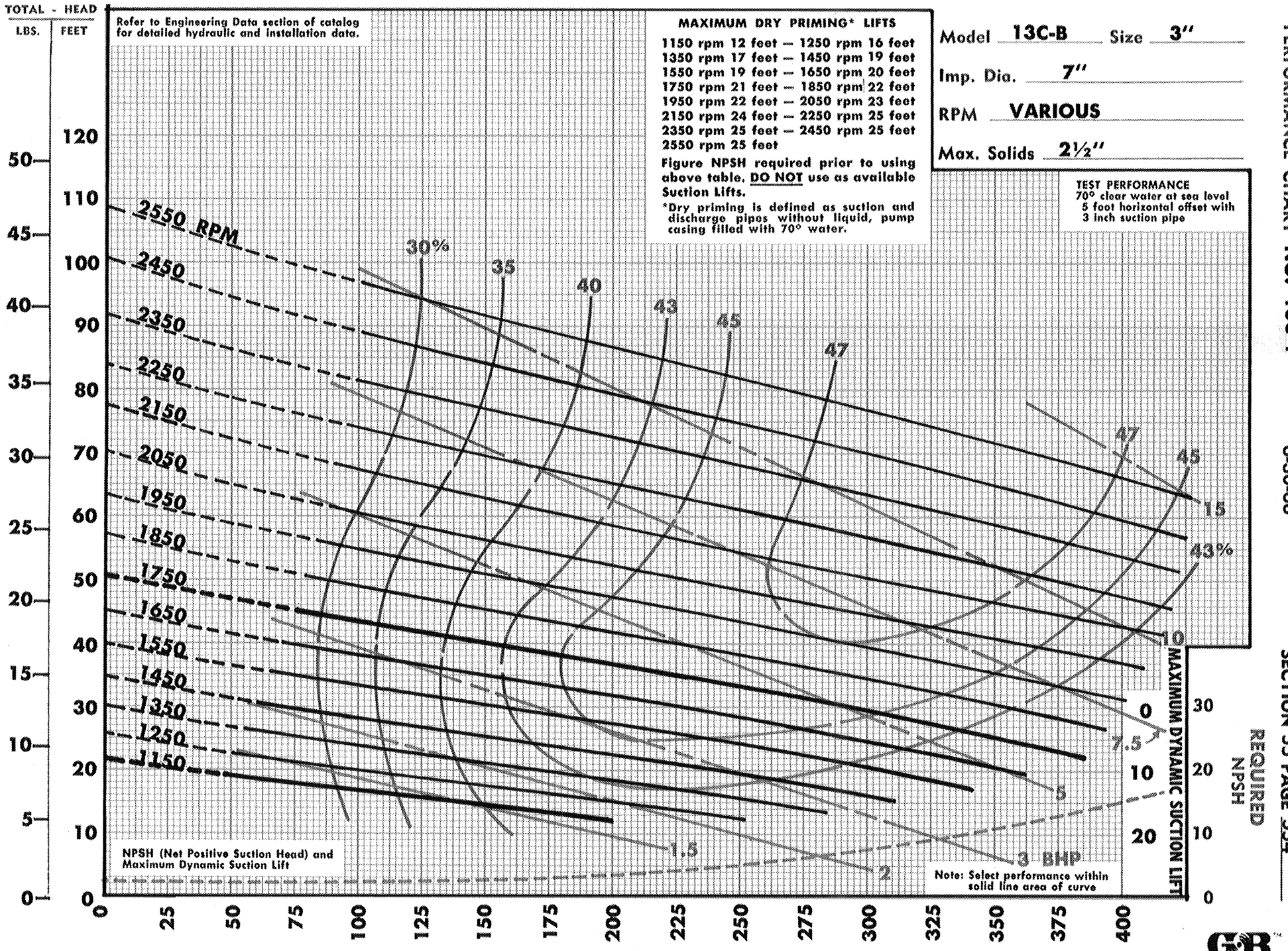

PERFORMANCE CHART NO. 13C-4 6-30-68 SECTION 55 PAGE 554

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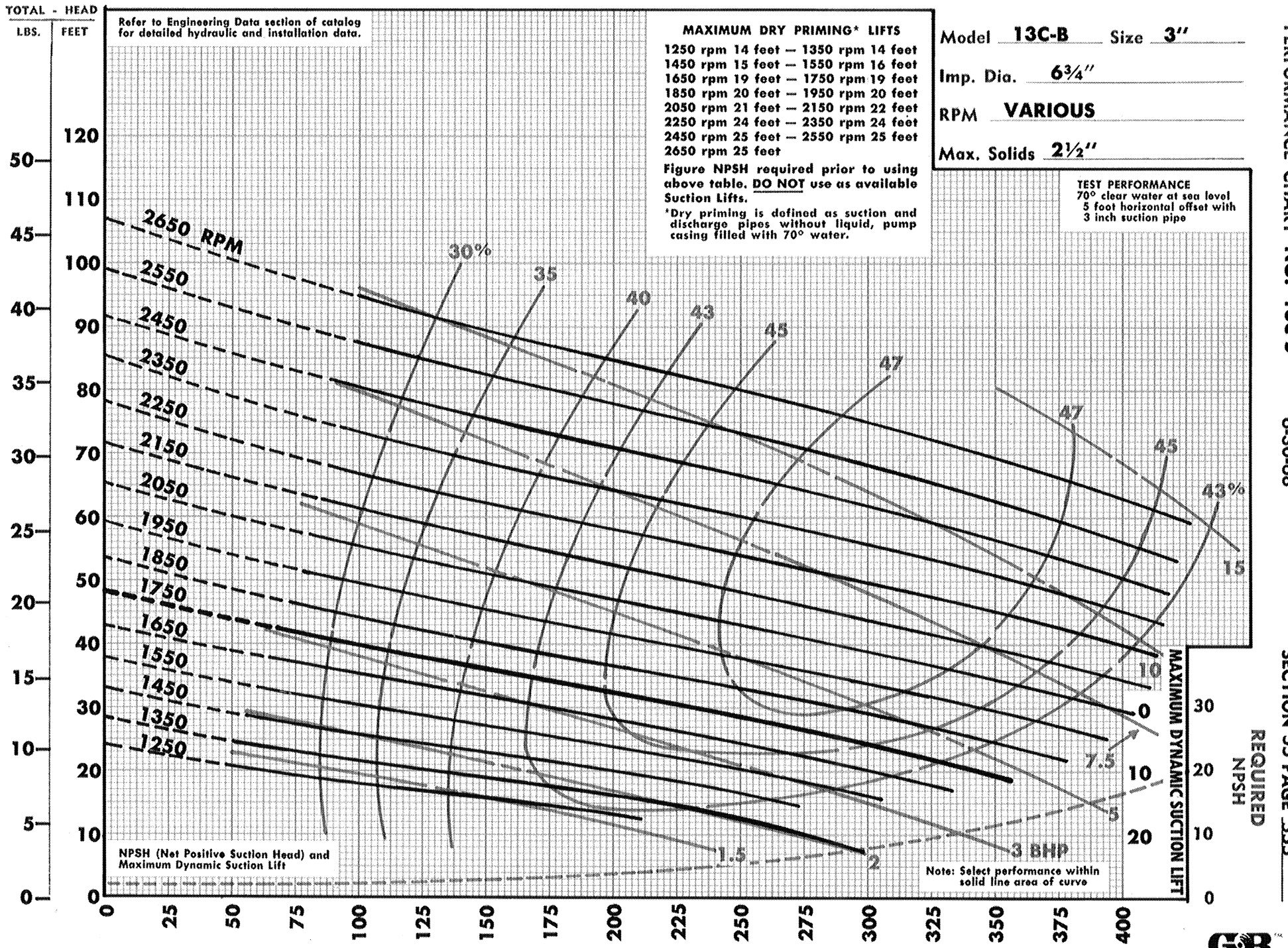

PERFORMANCE CHART NO. 13C-5 6-30-68 SECTION 55 PAGE 555

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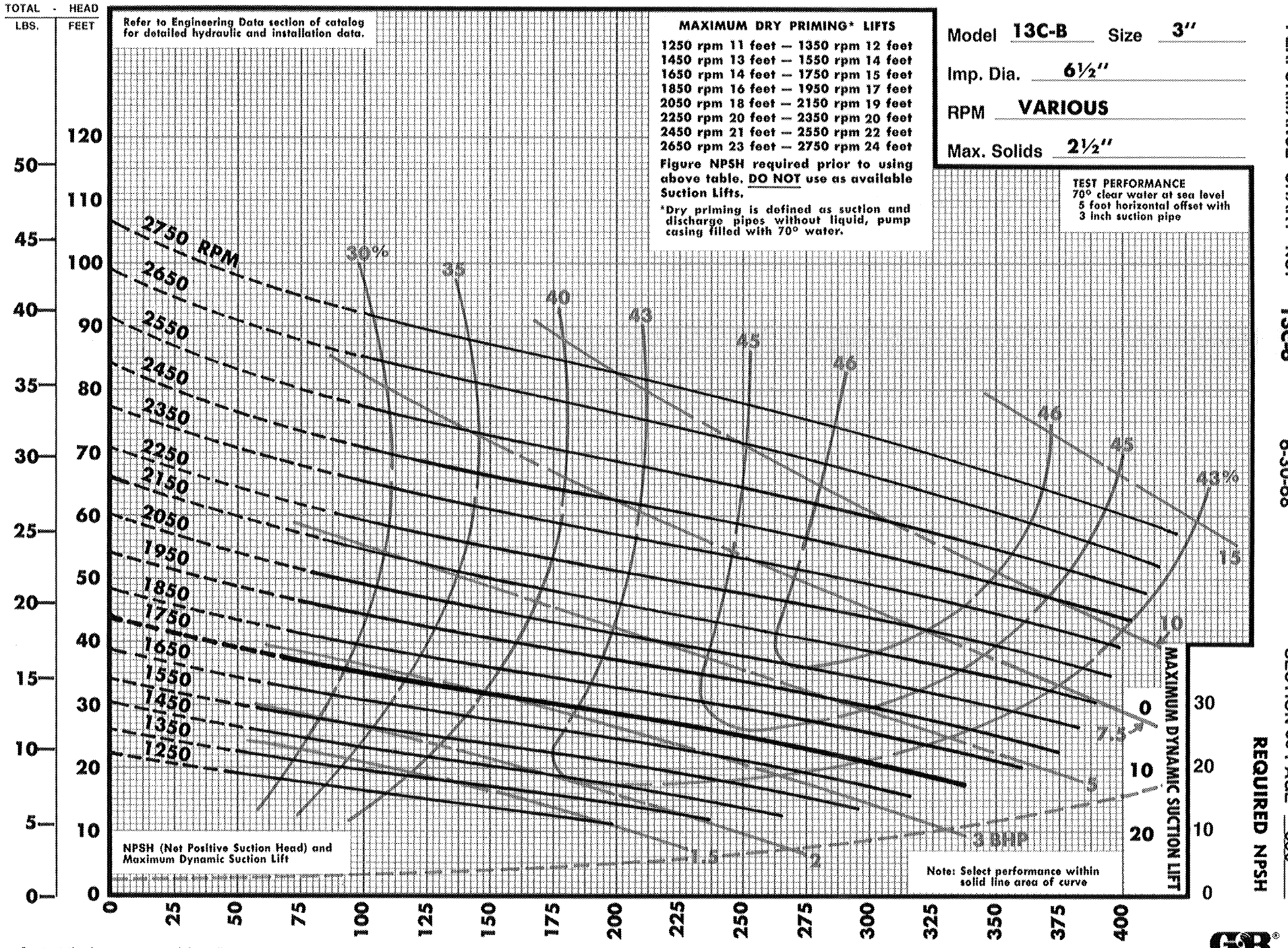

PERFORMANCE CHART NO. 13C-6 6-30-68 SECTION 55 PAGE 556

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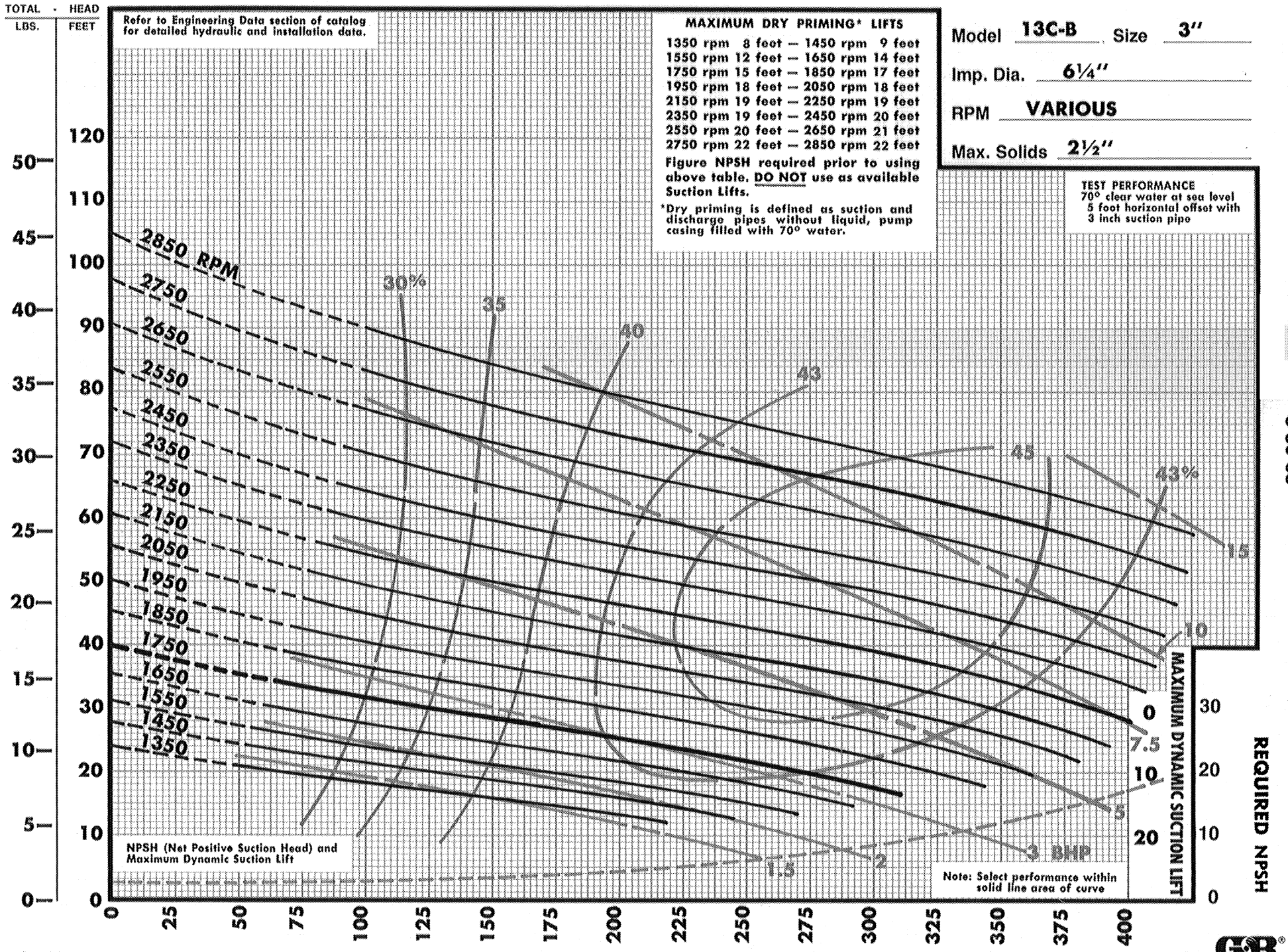

PERFORMANCE CHART NO. 13C-7 6-30-68 SECTION 55 PAGE 557

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