

A B C E



Basic Pedestal Standard Centrifugal Pump

Model VGH2C31-B

Size 3" x 2"

PUMP SPECIFICATIONS

Size: 3" x 2" (76 mm x 51 mm) Raised Face Flanges.

Casing: Ductile Iron.

Maximum Operating Pressure 172 psi (1186 kPa).*

Enclosed Type, Six Vane Impeller: Gray Iron 40.

Handles 25/64" (10 mm) Diameter Spherical Solids.

Impeller Shaft: Steel 1045.

Two Replaceable Wear Rings: Gray Iron 25.

Seal Plate: Ductile Iron.

Bypass Flush Piping.

Bearing Housing: Gray Iron 25.

Radial Bearing: Open Single Row Ball.

Thrust Bearing: Open Double Row Ball.

Bearing Lubrication: SAE 30 Non-Detergent Oil.

Gaskets: Nitrile Rubber.

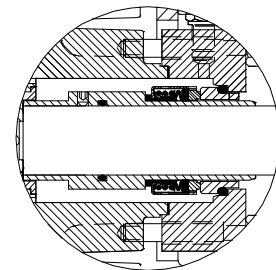
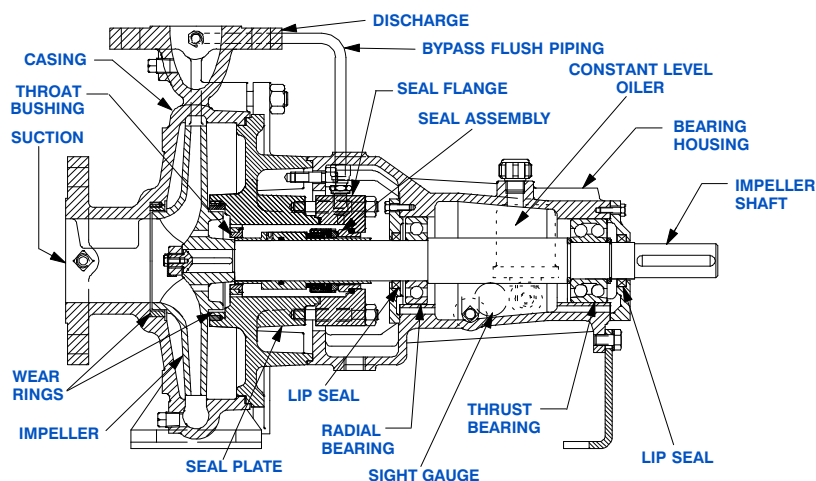
Hardware: Standard Plated Steel.

Bearing Housing Level Oiler.

Optional Equipment: Strainer. NPT Suction and Discharge Flanges. Stainless Steel Impeller. Consult Factory for Optional Seals.



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



SEAL DETAIL

Mechanical, Self-Lubricated. Silicon Carbide Rotating and Stationary Faces. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 316 Shaft Sleeve and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).*



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www.grpumps.com

Specifications Subject to Change Without Notice

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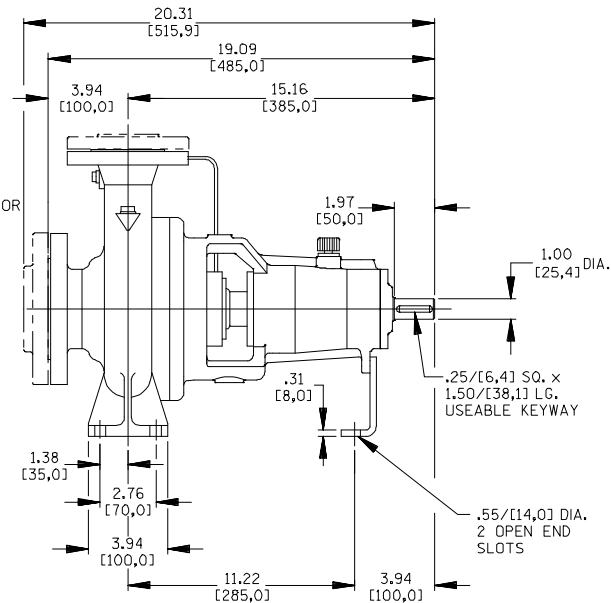
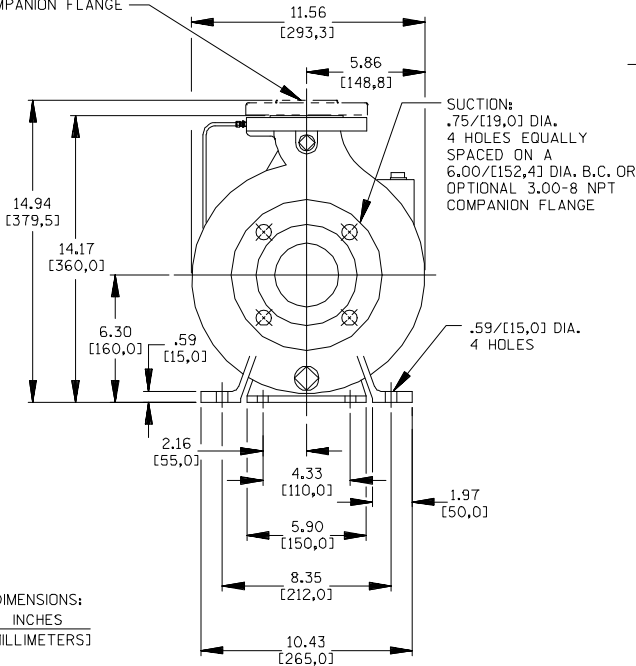
Specification Data

APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT: 113 LBS. (51 KG.)
 SHIPPING WEIGHT: 123 LBS. (56 KG.)
 EXPORT CRATE: 13.2 CU. FT. (0,4 CU. M.)

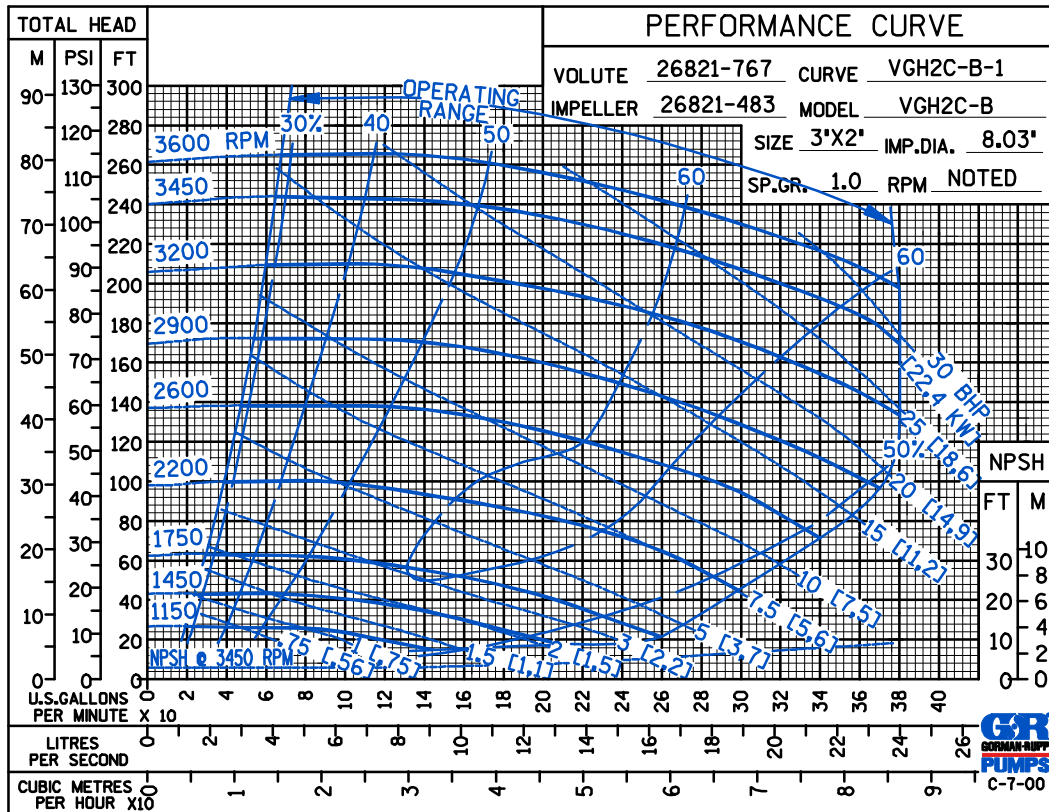
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DISCHARGE:
 .75/[19,0] DIA. 4 HOLES EQUALLY SPACED ON A
 4.75/[120,6] DIA. B.C. OR OPTIONAL 2.00-11.5 NPT
 COMPANION FLANGE



DIMENSIONS:
 INCHES
 [MILLIMETERS]

PERFORMANCE
 BASED ON
 WATER



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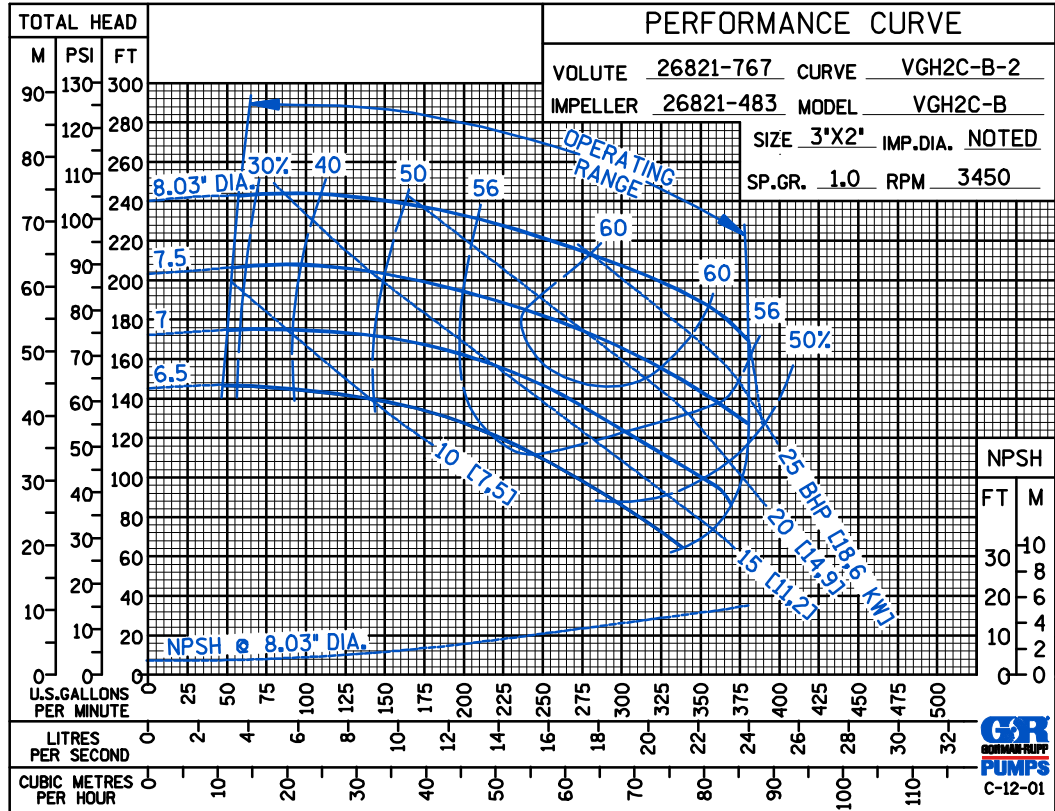
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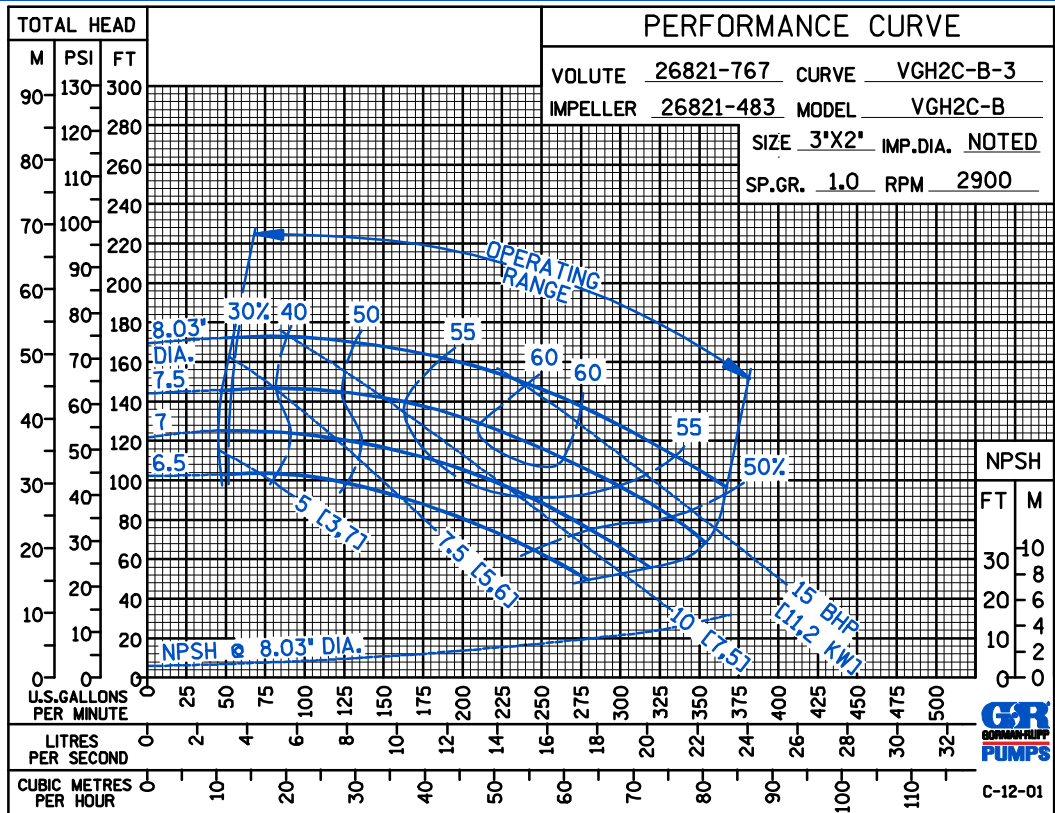
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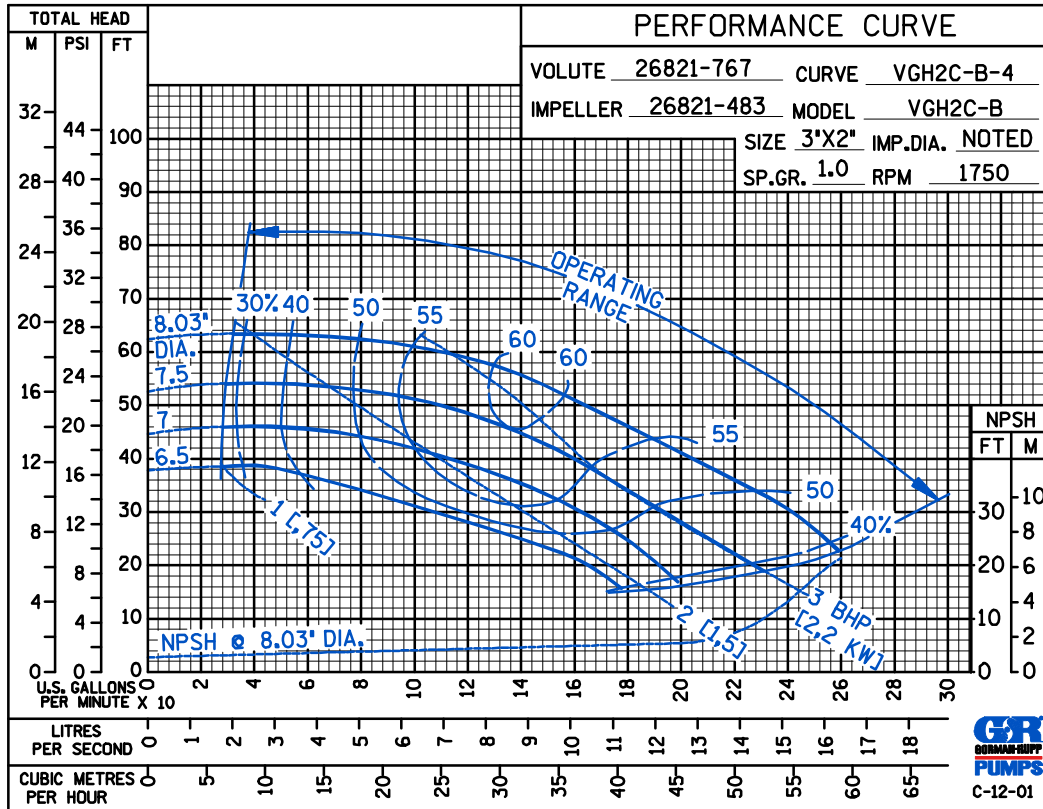
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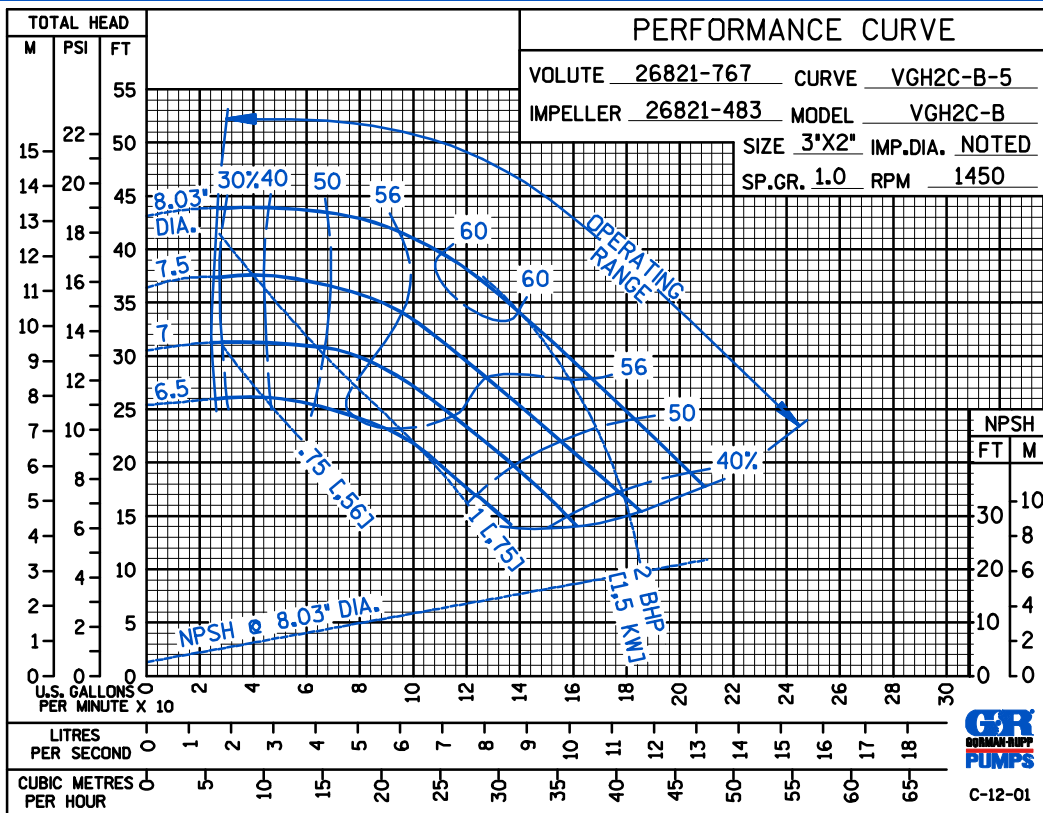
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ABCE

PERFORMANCE
BASED ON
WATER



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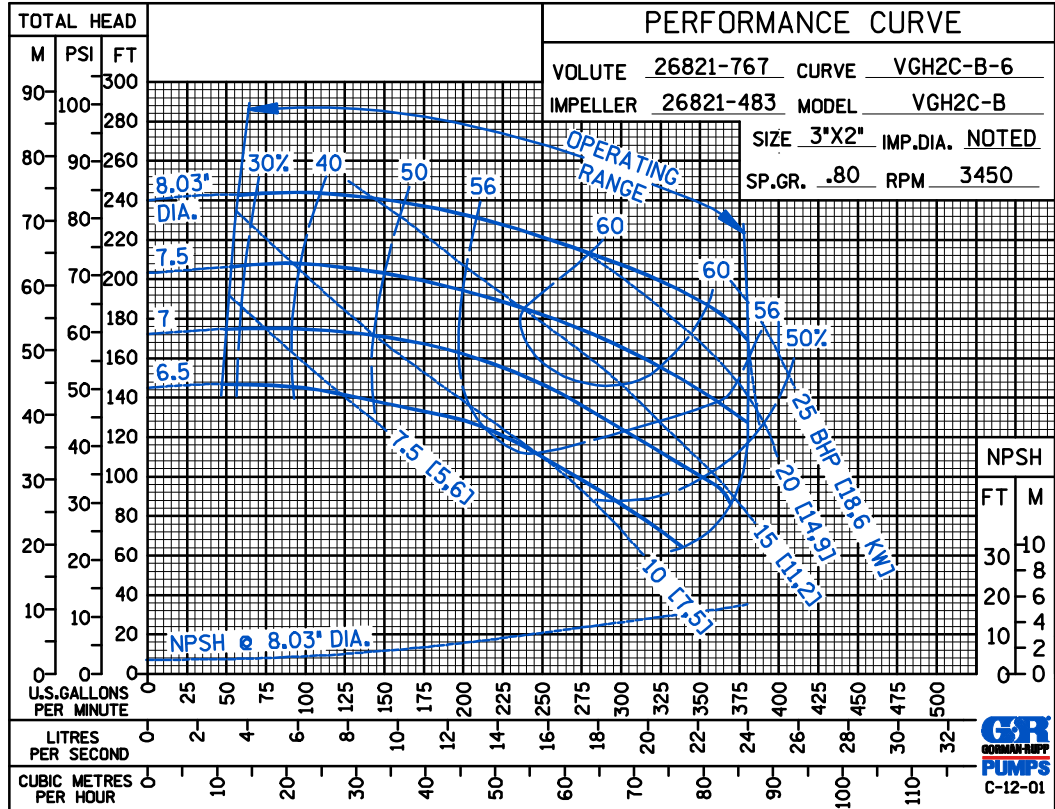
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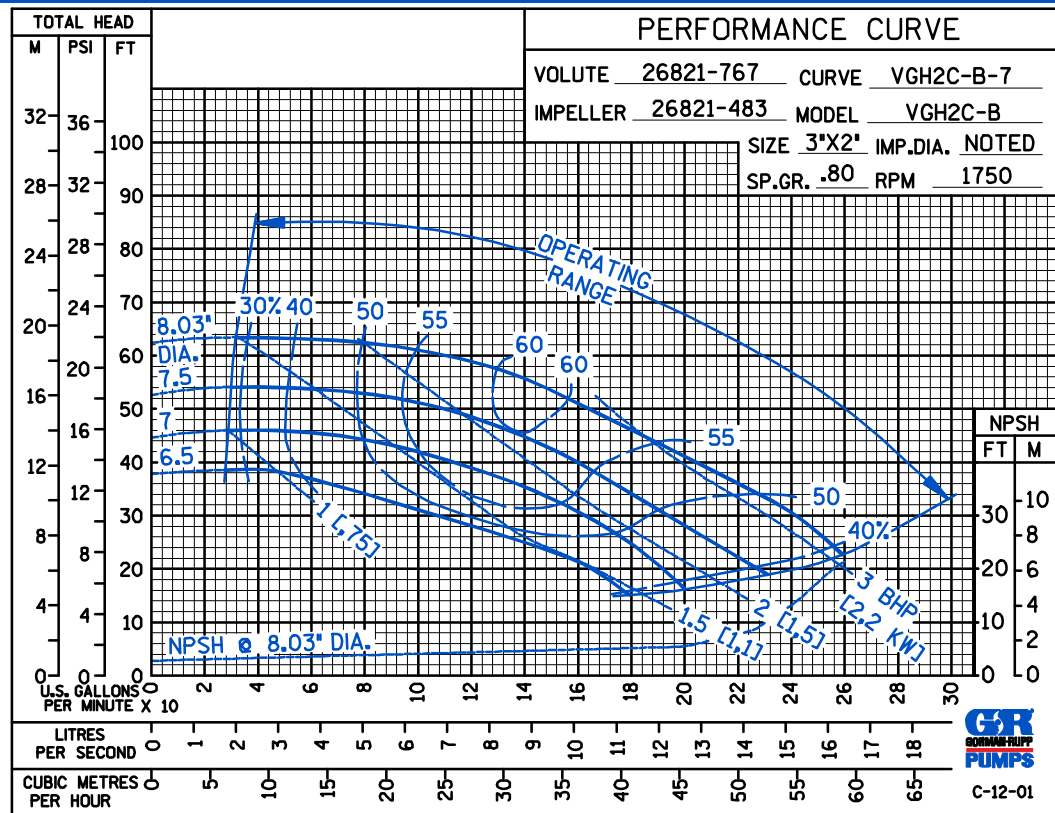
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ABCE

PERFORMANCE
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PETROLEUM



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