

ABCE



# Basic Pedestal Standard Centrifugal Pump

## Model VGH5C31-B

### Size 6" x 5"

#### PUMP SPECIFICATIONS

**Size:** 6" x 5" (152 mm x 127 mm) Raised Face Flanges.

**Casing:** Ductile Iron.

Maximum Operating Pressure 182 psi (1255 kPa).\*

**Enclosed Type, Six Vane Impeller:** Gray Iron 40.

Handles 25/32" (20 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 Cylindrical Roller.

**Thrust Bearing:** Open Double Row Ball.

**Bearing Lubrication:** SAE 30 Non-Detergent Oil.

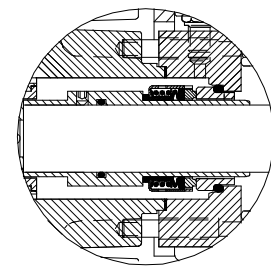
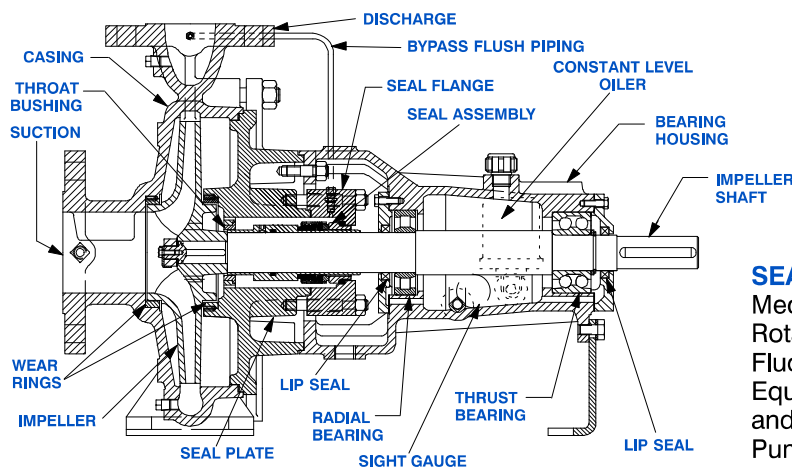
**Gaskets:** Nitrile Rubber.

**Hardware:** Standard Plated Steel.

**Bearing Housing Level Oiler.**

**Optional Equipment:** Strainer. NPT Suction and Discharge Flanges. Discharge Check Valve. 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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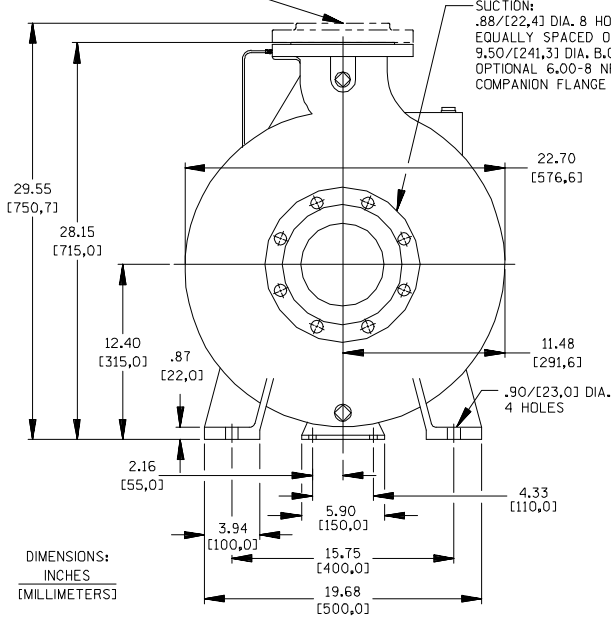
**Specification Data**

**SECTION 70, PAGE 1026**

APPROXIMATE  
DIMENSIONS and WEIGHTS

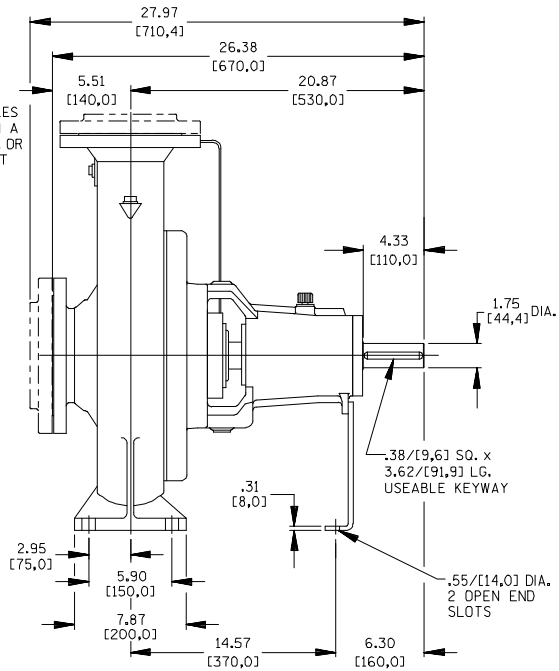
**NET WEIGHT: 419 LBS. (190 KG.)**  
**SHIPPING WEIGHT: 490 LBS. (222 KG.)**  
**EXPORT CRATE SIZE: 17 CU. FT. (0,5 CU. M.)**

DISCHARGE:  
.88/[22,4] DIA. 8 HOLES EQUALLY SPACED ON A  
8.50/[216,0] DIA. B.C. OR OPTIONAL 5.00-8 NPT  
COMPANION FLANGE

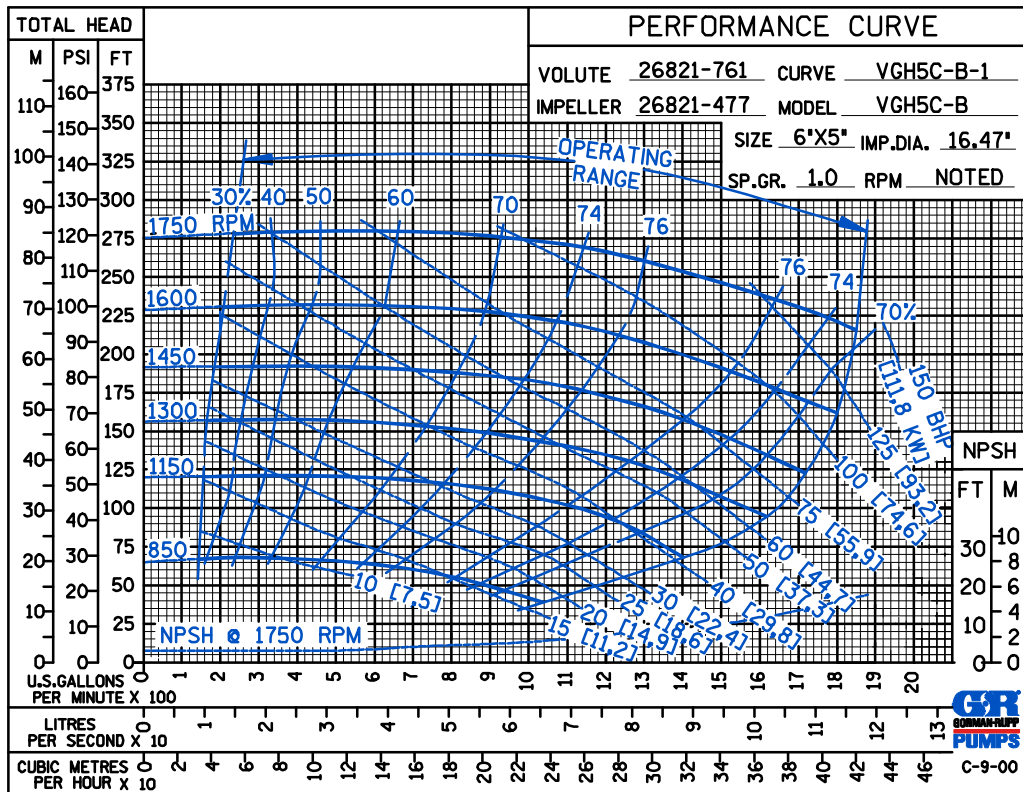


DIMENSIONS:  
INCHES  
[MILLIMETERS]

SUCTION:  
.88/[22,4] DIA. 8 HOLES  
EQUALLY SPACED ON A  
9.50/[241,3] DIA. B.C. OR  
OPTIONAL 6.00-8 NPT  
COMPANION FLANGE



**PERFORMANCE  
BASED ON  
WATER**



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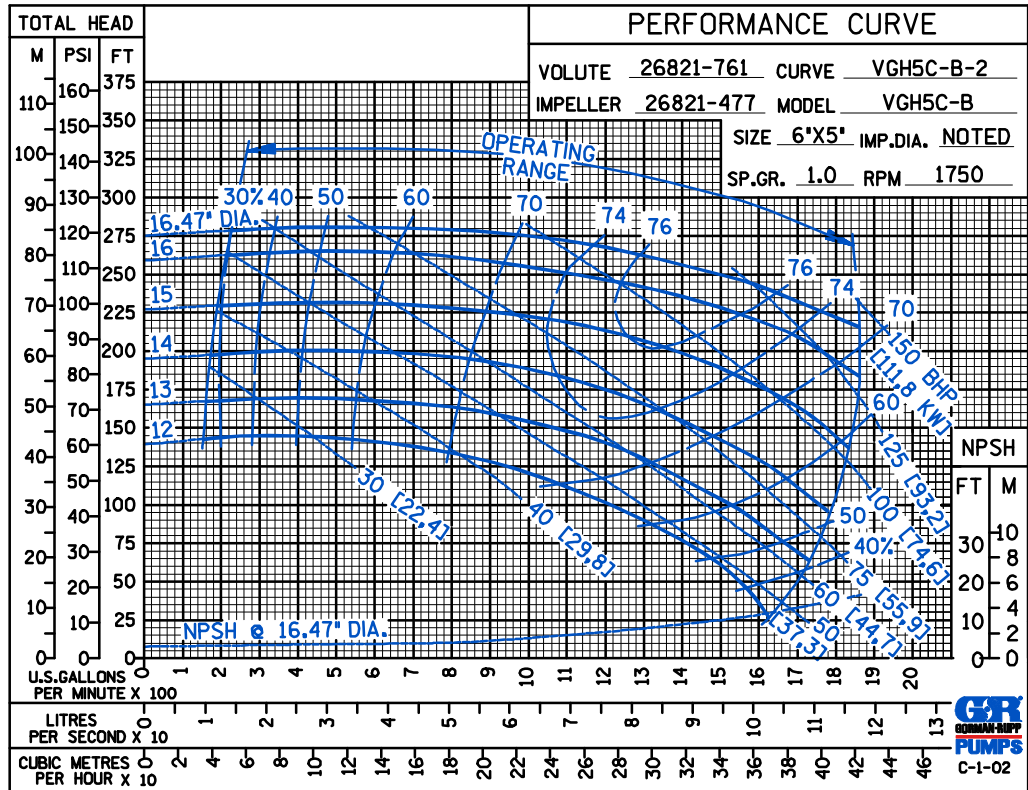
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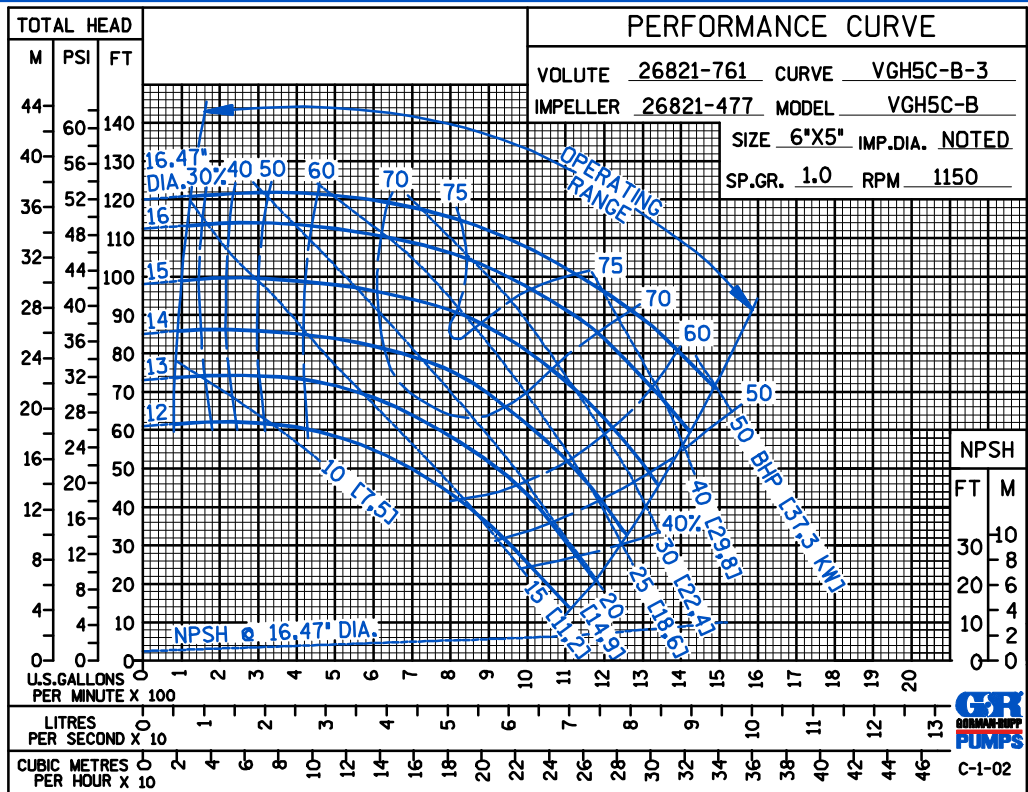
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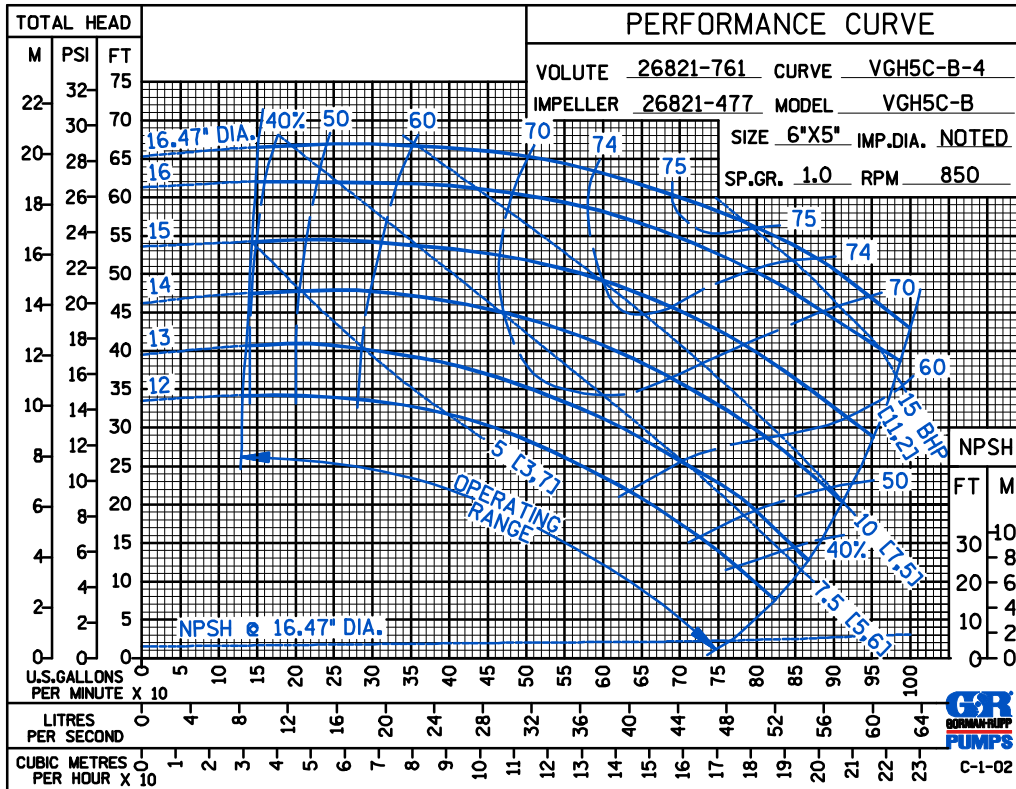
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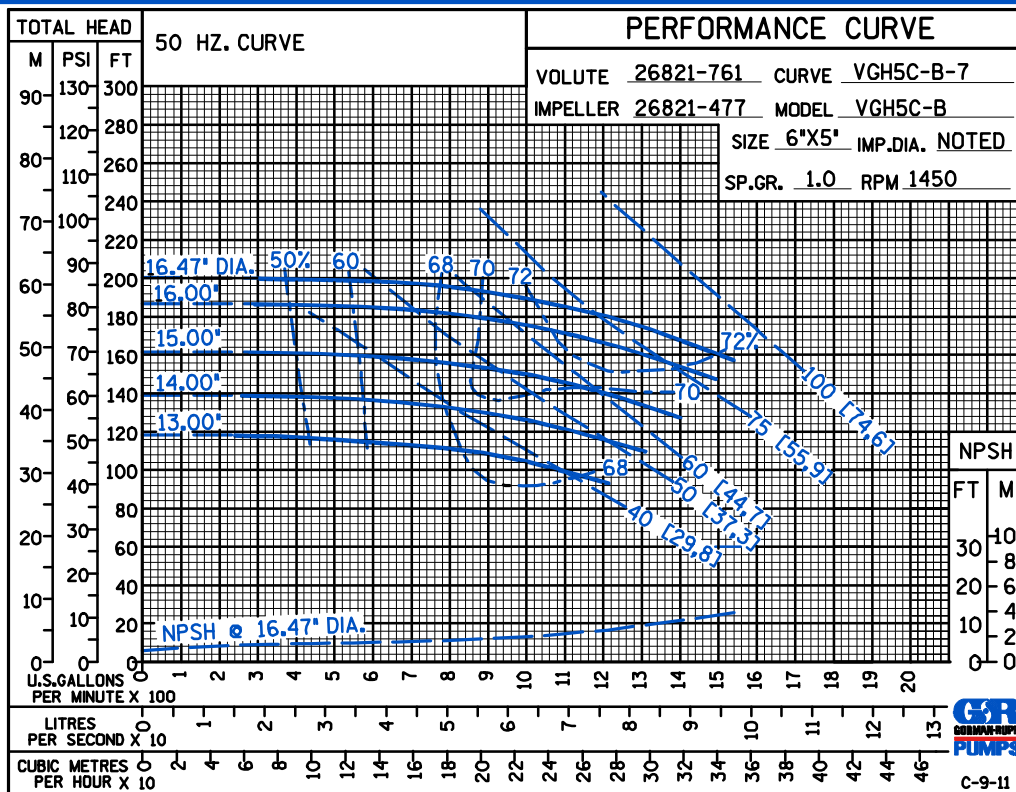
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50 HERTZ  
PERFORMANCE  
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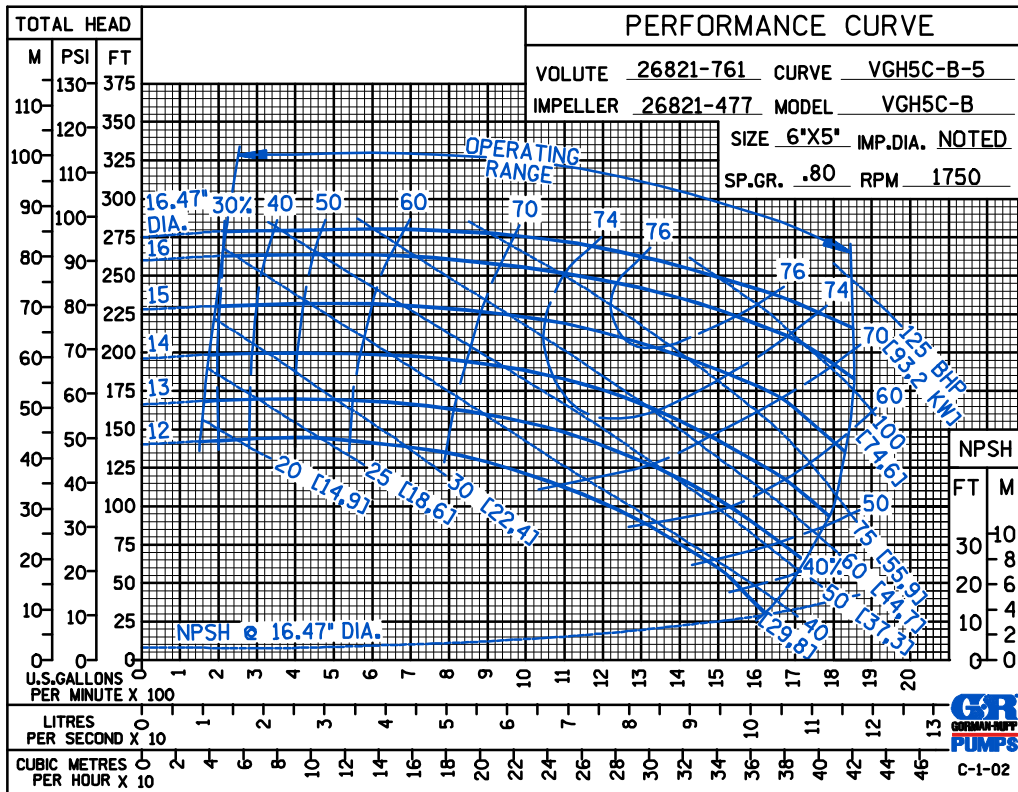
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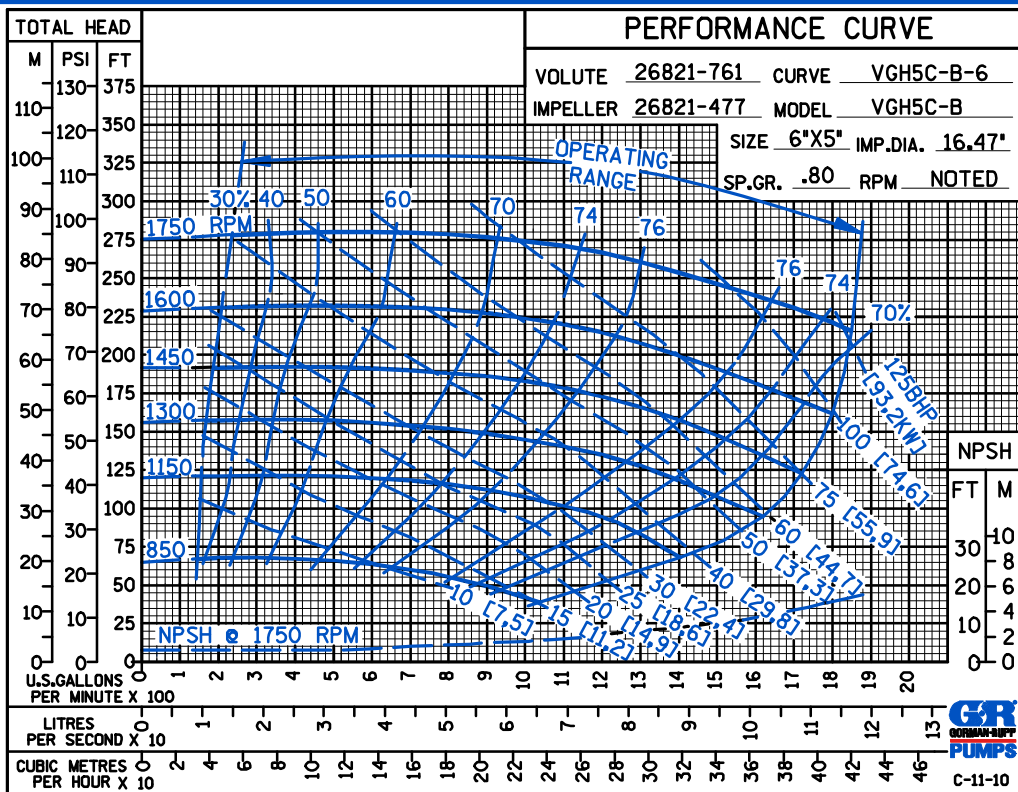
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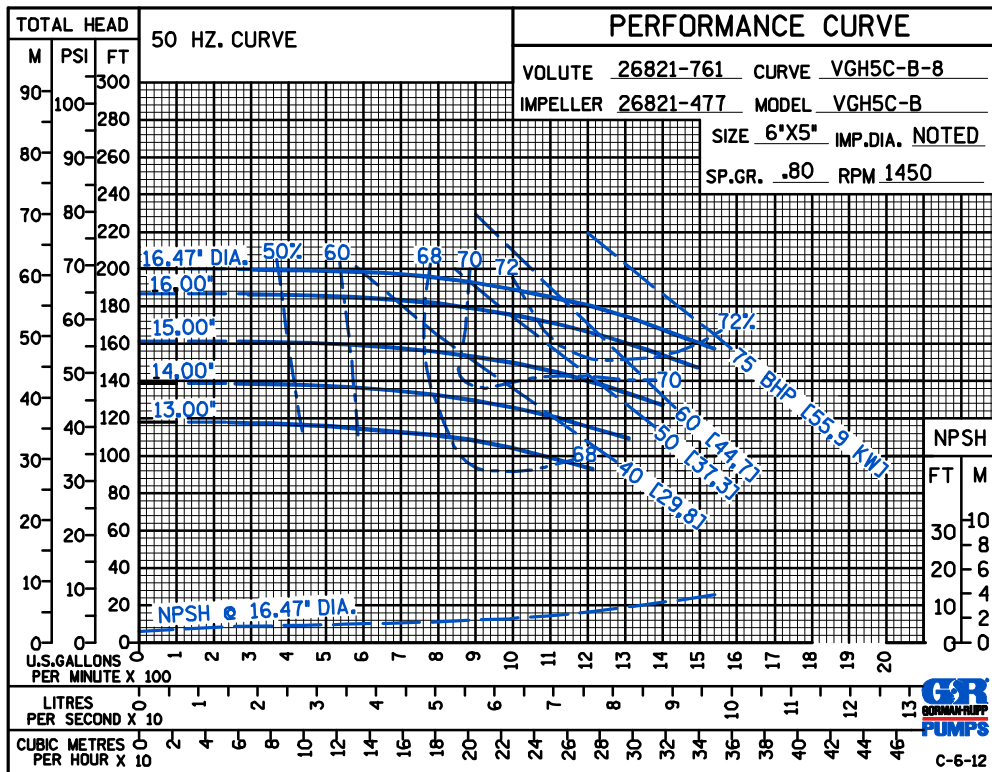
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