



## Basic Pedestal

# Standard Centrifugal Pump

## Model VG1 1/4B3-B

### Size 2" x 1 1/4"

#### PUMP SPECIFICATIONS

**Size:** 2" x 1 1/4" (51 mm x 32 mm) Flanged.

**Casing:** Gray Iron 40.

Maximum Operating Pressure 120 psi (827 kPa).\*

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

Handles 9/32" (7,1 mm) Diameter Spherical Solids.

**Impeller Shaft:** Steel 1045.

**Shaft Sleeve:** Stainless Steel 420.

**Seal Plate:** Gray Iron 40.

**Bearing Housing:** Gray Iron 40.

**Radial and Thrust Bearings:** Open Single Row Ball.

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

**Gaskets:** Nitrile Rubber.

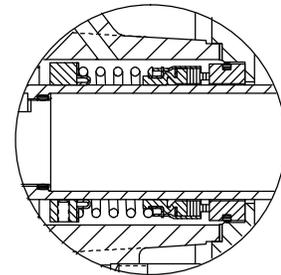
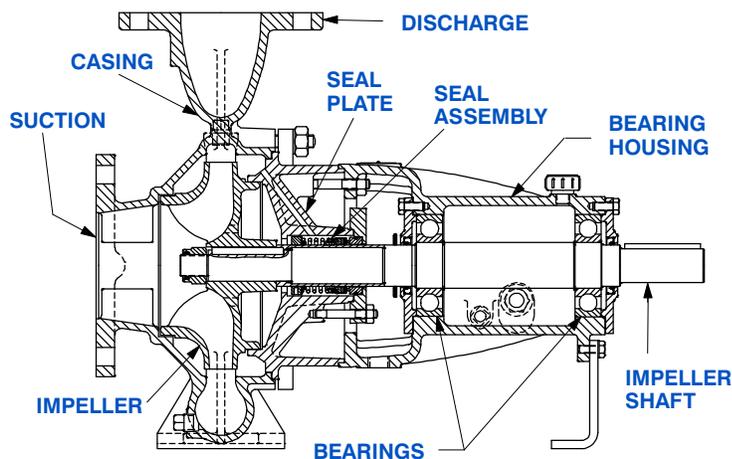
**O-Ring:** Fluorocarbon (DuPont Viton® or Equivalent).

**Hardware:** Standard Plated Steel.

**Oil Level Sight Gauge.**

**Optional Equipment:** NPT Suction and Discharge Flanges. Strainer. Stainless Steel Impeller. Mechanical Seal with Fluorocarbon Elastomers DuPont Viton® or Equivalent).

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



#### SEAL DETAIL

Type 1, Mechanical, Self-Lubricated. Carbon Rotating Face. Ceramic Stationary Seat. Buna-N Elastomers. Stainless Steel 18-8 and/or Brass Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).\*



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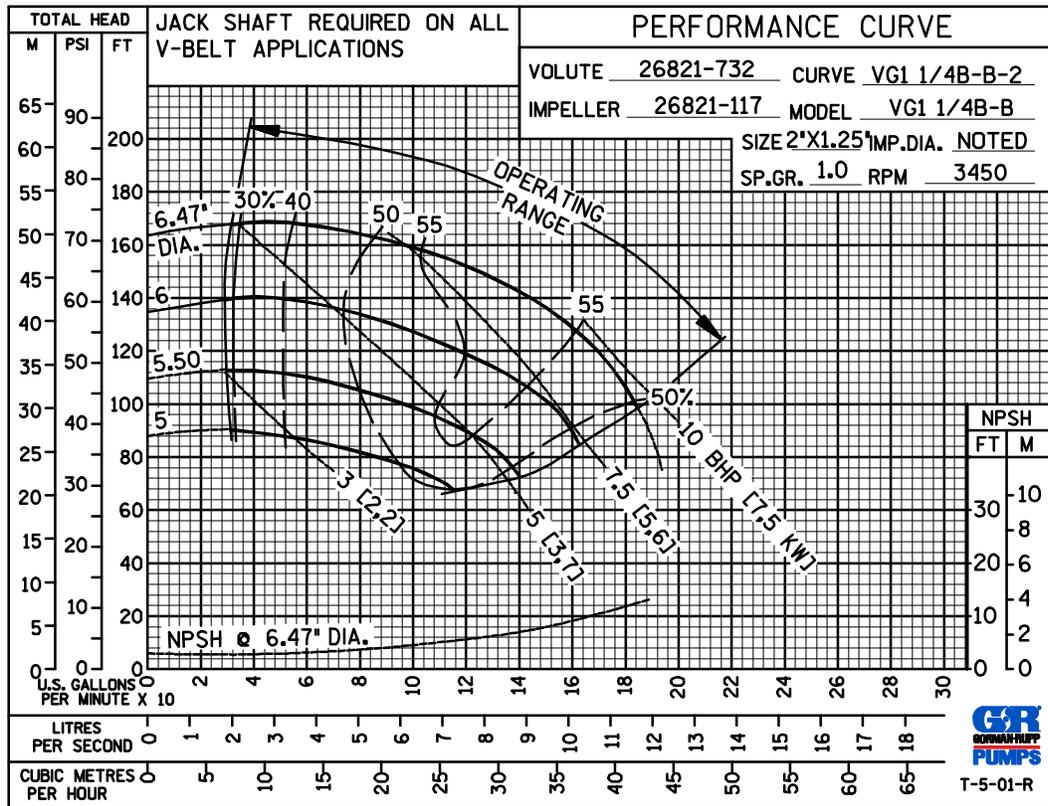
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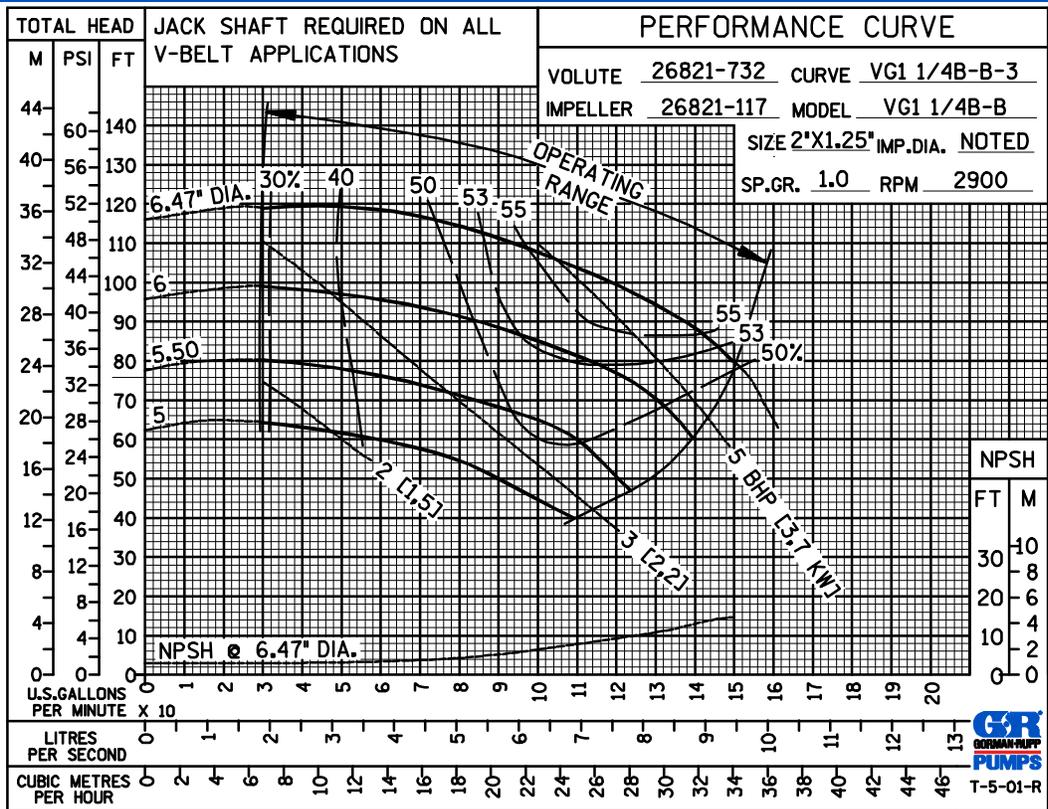
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WATER



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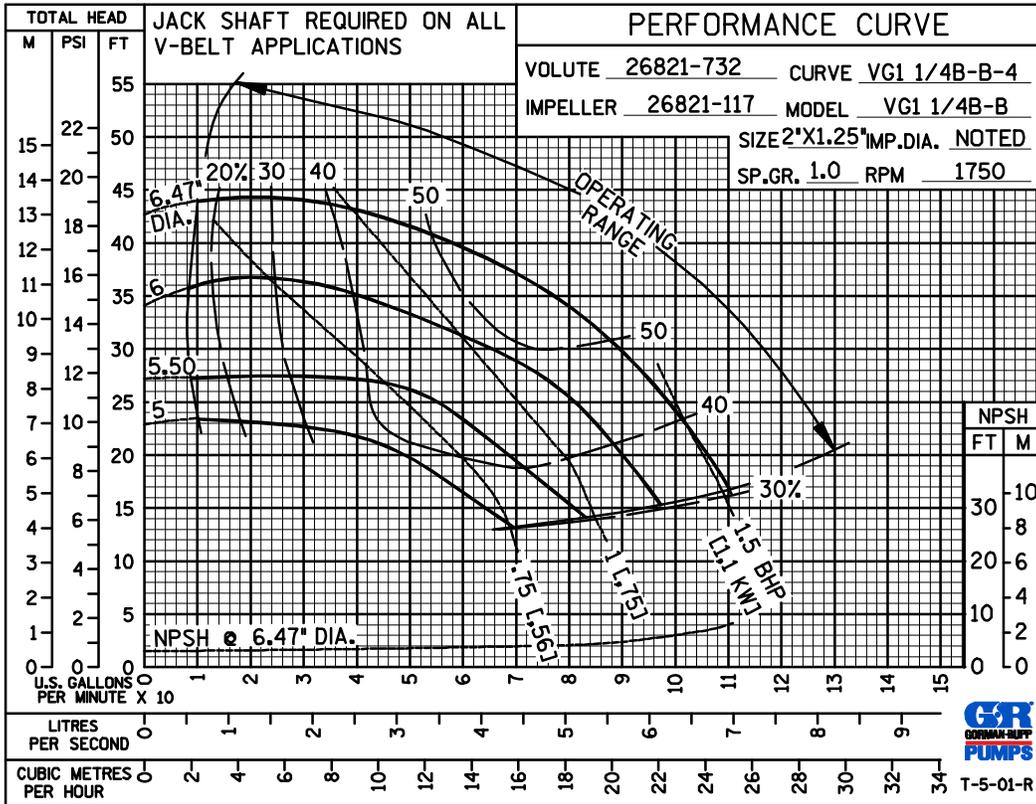
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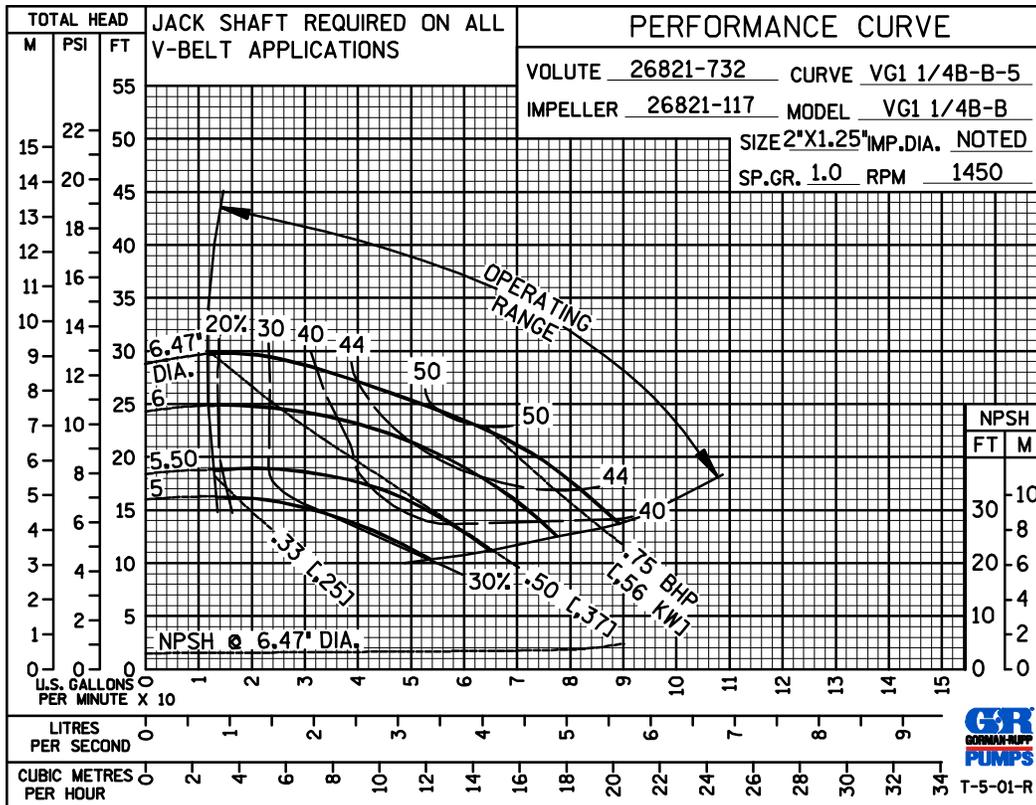
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