

## Basic Pump



## Self Priming Centrifugal Pump

## Model RS5A31-B and RS5A32-B

## Size 6" x 5"

## PUMP SPECIFICATIONS

**Size:** 6" x 5" (152 mm x 127 mm) Flanged.

**Casing:** (RS5A31-B) Ductile Iron 65-45-12.  
(RS5A32-B) Cast Steel 70-36.

Maximum Operating Pressure 81 psi (558 kPa).\*

**Enclosed Type, Five Vane Impeller:** Aluminum 356-T6.

Handles 1/2" (12,7 mm) Diameter Spherical Solids.

**Impeller Shaft:** Steel 1045.

**Rotor:** Copper Alloy C93400.

**Bearing Housing:** Ductile Iron 65-45-12.

**Body Cover:** (RS5A31-B) Ductile Iron 65-45-12.  
(RS5A32-B) Cast Steel 70-36.

**Center/Spacer Plate:** (RS5A31-B) Ductile Iron 65-45-12.  
(RS5A32-B) Cast Steel 70-36.

**Radial Bearing:** Open Double Row Ball Type.

**Thrust Bearing:** Open Single Row Ball Type.

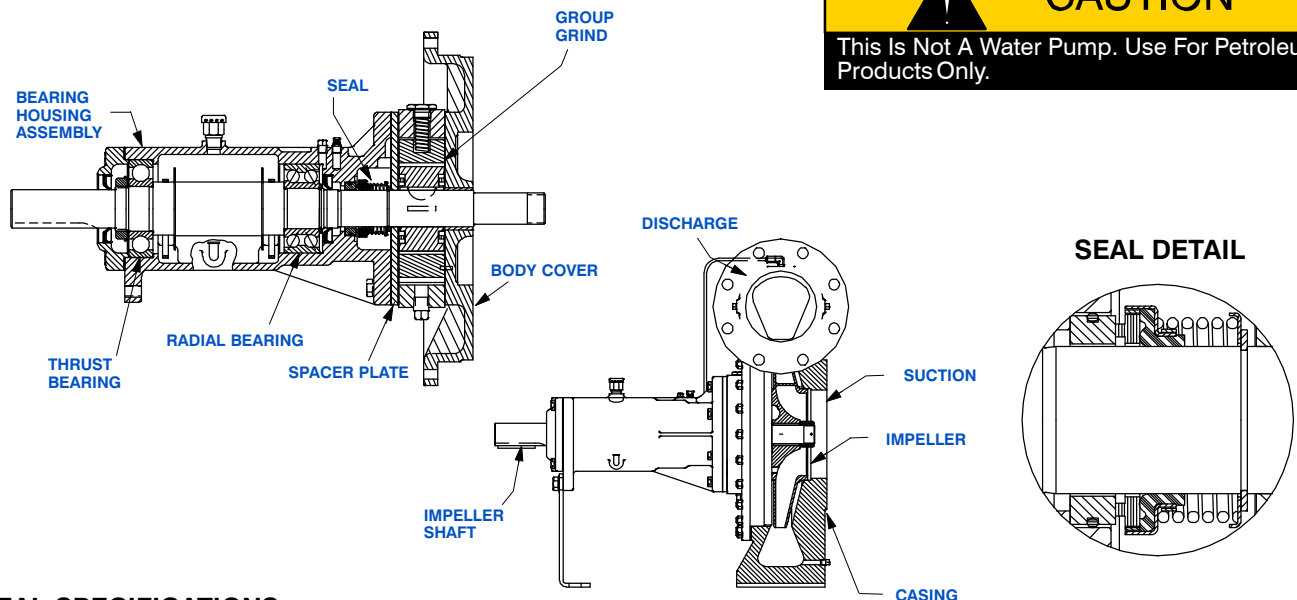
**Bearing Lubrication:** SAE 30 Non-Detergent Oil.

**Gaskets:** Buna-N and PTFE.

**Priming:** Rotary Vane Type with Built-in Spring-Loaded Priming Assist Valve.

**Optional Equipment:** Standard 5" Discharge Check Valve (Required for Priming), Stainless Steel 416 Impeller Shaft, PTFE Seal with Fluorocarbon O-Ring, PTFE Seal with Buna-N O-Ring.

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



## SEAL SPECIFICATIONS

**Seal:** Mechanical; Self-Lubricated. Fluorocarbon Elastomers (DuPont Viton<sup>®</sup> or Equivalent). Carbon Rotating Face; Ni-Resist Stationary Face; Maximum Temperature of Liquid Pumped is 160°F (71°C).\*



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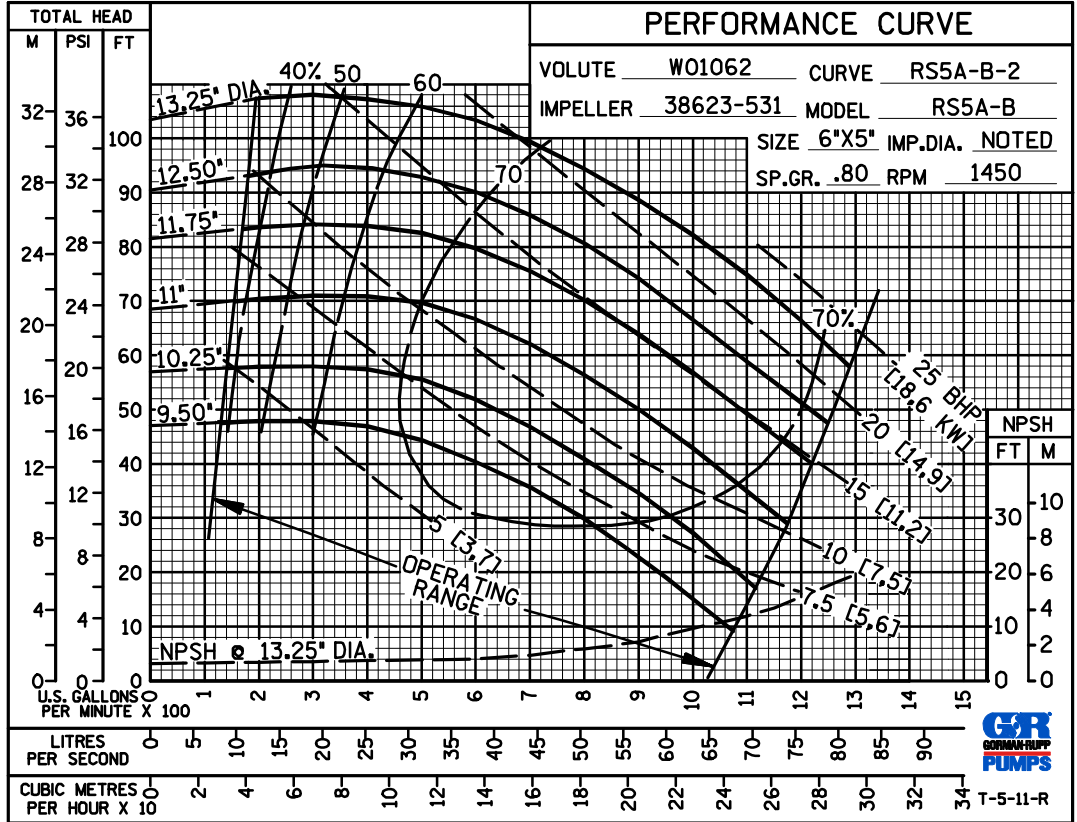
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