# **JULY 2017**

# **Self Priming Centrifugal Pump**



# Model V6A60-B

Size 8" x 6"



## **VARIOUS PATENTS APPLY PUMP SPECIFICATIONS**

Size: 8" x 6" (203 mm x 154 mm).\*\*
Casing: Gray Iron 30.
Maximum Operating Pressure 129 psi (889 kPa).\*

Semi-Open Type, Two Vane Impeller: Ductile Iron 65-45-12. Handles 3" (76,2 mm) Diameter Spherical Solids.

Impeller Shaft: Alloy Steel 4150.

Self-Cleaning Replaceable Wear Plate: Carbon Steel ASTM A36.

Shimless Adjustable Cover Plate: Gray Iron 30.

Externally Removable Flap Valve: Neoprene W/Nylon and Steel

Reinforcing.

Suction Flange/Flap Valve Seat: Gray Iron 30.

Bearing Housing: Gray Iron 30. Seal Plate: Gray Iron 30. Shaft Sleeve: Alloy Steel 4130.

Radial and Thrust Bearings: Open Double Row Ball.

Bearing and Seal Cavity Lubrication: SAE 30 Non-Detergent Oil.

Gaskets: Buna-N, Compressed Synthetic Fibers, Vegetable Fiber, PTFE, Cork and Rubber.

O-Rings: Buna-N.

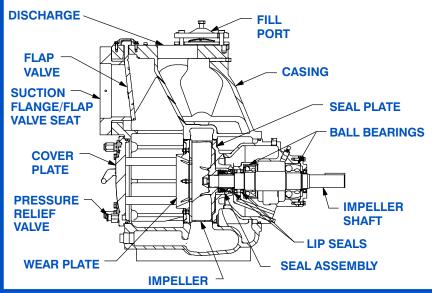
Hardware: Standard Plated Steel. **Brass Pressure Relief Valve.** 

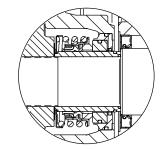
Bearing and Seal Cavity Oil Level Sight Gauges.

Optional Equipment: Automatic Air Release Valve. High Pump Temperature Shutdown Kit. Stainless Steel/G-R Hard Iron Impeller, Seal Plate and Wear Plate. Cartridge Seal WStainless Steel Sleeve. 120/240 Volt Casing Heater.

Optional Gray Iron 30 Flanges Available as Follows (See Price Sheets): 8" and 6" Female NPT Suction/Discharge Flange Kits.
8" and 6" ASA Suction/Discharge Spool Flange Kits.
200 mm and 150 mm DIN 2527 (PN 16) Suction/Discharge Spool Flange Kits.







#### **SEAL DETAIL**

Cartridge Type, Mechanical, Oil-Lubricated, Double Floating, Self-Aligning. Silicon Carbide Rotating and Stationary Faces. Stainless Steel 316 Stationary Seat. Fluorocarbon Elastomers (DuPont Viton® or Equivalent). Stainless Steel 18-8 Cage and Spring. Maximum Temperature of Liquid Pumped, 160°F (71°C).

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



### **GORMAN-RUPP PUMPS**

www.grpumps.com

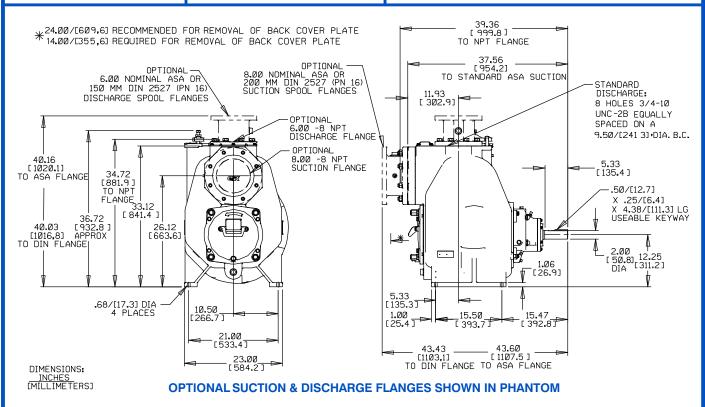
Specifications Subject to Change Without Notice

#### Specification Data

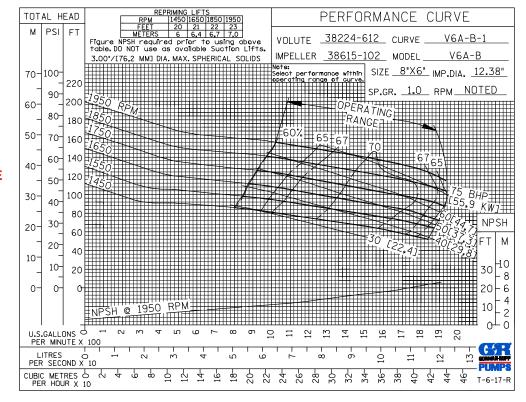
SECTION 55, PAGE 2700

# APPROXIMATE DIMENSIONS and WEIGHTS

NET WEIGHT: 1130 LBS. (512 KG.)\*
SHIPPING WEIGHT: 1240 LBS. (562 KG.)\*
EXPORT CRATE: 25 CU. FT. (0,71 CU. M.)
\*WEIGHTS DO NOT INCLUDE OPTIONAL FLANGE KITS.



60 HERTZ PERFORMANCE BASED ON WATER





### **GORMAN-RUPP PUMPS**

www.grpumps.com

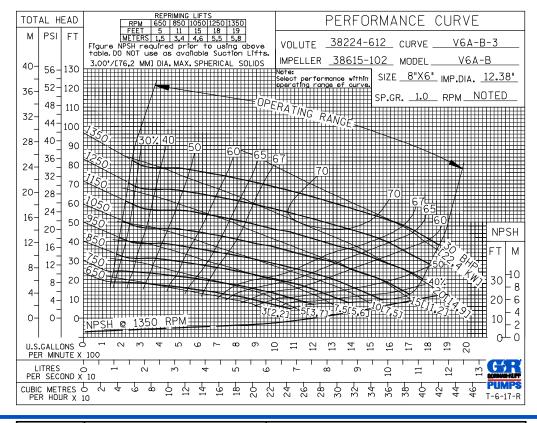
Specifications Subject to Change Without Notice

Sec. 55

PAGE 2700.1

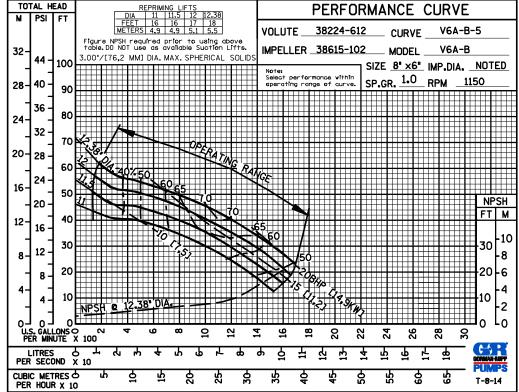
**JULY 2017** 





60 HERTZ PERFORMANCE BASED ON WATER

TRIMMED IMPELLER





### **GORMAN-RUPP PUMPS**

www.grpumps.com

Specifications Subject to Change Without Notice

Sec. 55

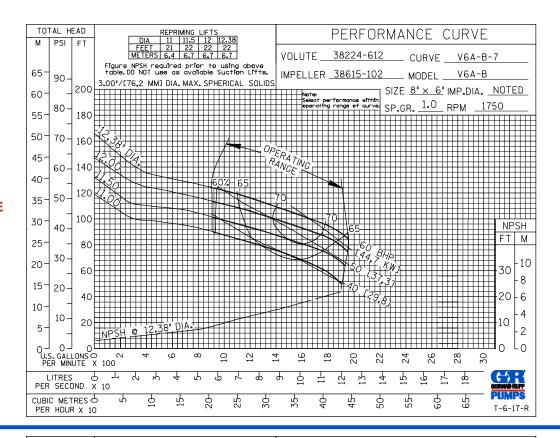
**PAGE 2700.2** 

**JULY 2017** 

60 HERTZ PERFORMANCE BASED ON

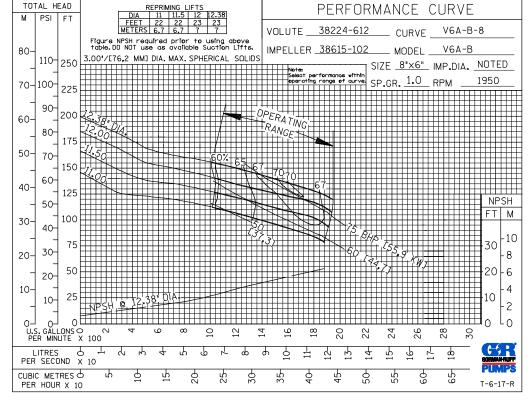
TRIMMED IMPELLER

**WATER** 



60 HERTZ PERFORMANCE BASED ON WATER

TRIMMED IMPELLER





### **GORMAN-RUPP PUMPS**

www.grpumps.com

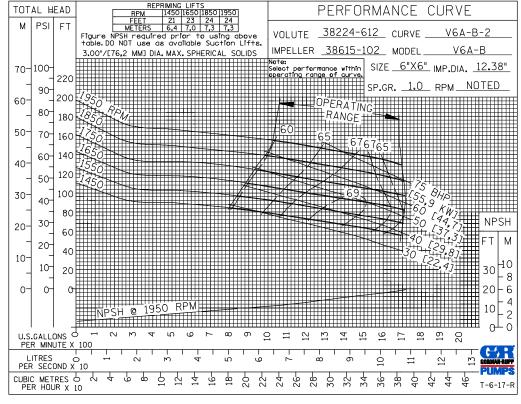
Specifications Subject to Change Without Notice

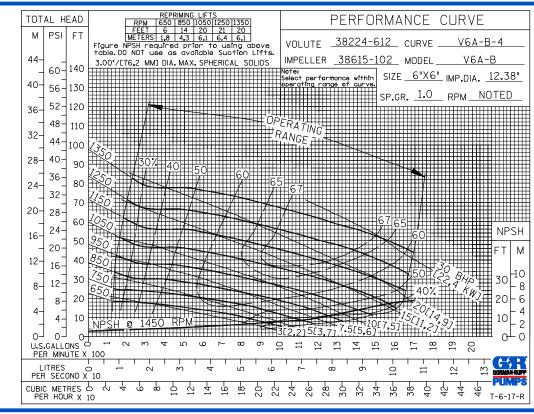
Sec. 55

**PAGE 2700.3** 

JULY 2017







PERFORMANCE FOR REDUCED SUCTION BASED ON WATER



### **GORMAN-RUPP PUMPS**

www.grpumps.com

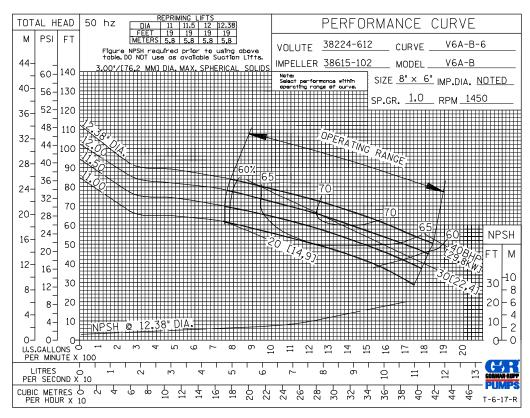
Specifications Subject to Change Without Notice

Sec. 55

**PAGE 2700.4** 

**JULY 2017** 







### **GORMAN-RUPP PUMPS**

www.grpumps.com

Specifications Subject to Change Without Notice