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*VG & VGH Series High Efficiency  
Standard Centrifugal Pumps*



# VG & VGH SERIES

## High Efficiency Standard Centrifugal Pumps



*Gorman-Rupp VG & VGH Series centrifugal pumps are engineered for maximum operating efficiency and minimal energy consumption.*

Gorman-Rupp VG & VGH Series pumps are the right pump for the job when you need to reliably move fluids with maximum efficiency.

VG Series are general purpose pumps used for handling clean fluids. Pumps are available with gray iron casing and impeller, and are suitable for a variety of applications.

VGH Series are heavy-duty pumps used on a variety of applications, from clean fluids to dirty liquids and mild abrasives. The pumps feature a standard ductile iron casing, gray iron impeller with replaceable iron wear rings and a tungsten carbide/silicon carbide cartridge mechanical seal with fluorocarbon elastomers. VGH pumps are supplied with a heavy-duty oil lubricated bearing pedestal for V-belt driving or can be mounted to electric motors if needed.

### Value

VG & VGH Series pumps boast some of the lowest lifecycle costs in the industry. Because of the quality manufacturing and testing that goes into every Gorman-Rupp product, you benefit from minimal service interruptions and some of the lowest maintenance requirements in the industry.

### Peace of Mind

At Gorman-Rupp, we don't just say our pumps are reliable. We guarantee every part and working component of a VG or VGH Series pump for 12 months. With Gorman-Rupp, reliable performance is always guaranteed.

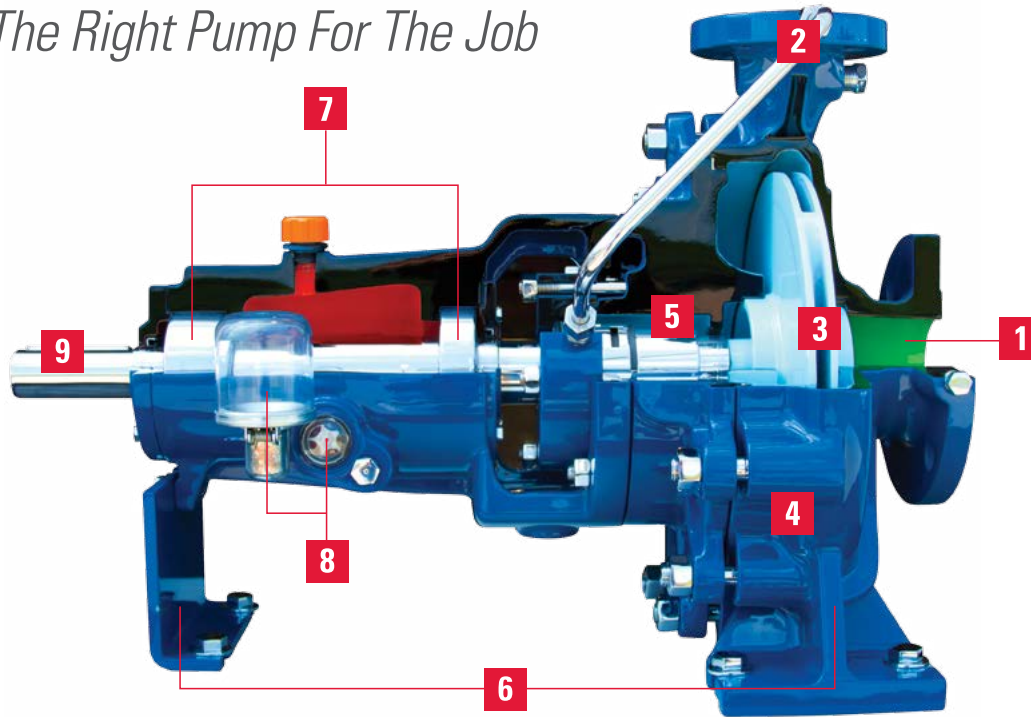


### Parts and Service

When you need a replacement part for your pump, you'll have it fast. With tens of thousands of genuine Gorman-Rupp parts and pumps at our disposal, we fill and ship 97% of parts orders within 24 hours. Should your VG or VGH Series pump ever require service, our worldwide network of factory-trained distributors is ready to quickly respond to your needs. With just one number to call for parts and service, it's easy and convenient to keep your equipment performing as it should.

# GORMAN-RUPP VG & VGH SERIES

*The Right Pump For The Job*



VG & VGH Series pumps are available with a suction strainer, a hand primer, or can be fitted with alternative gaskets and mechanical seals for pumping a variety of fuel and petroleum-based liquids.

## 1–Suction Inlet

## 2–Discharge Outlet

## 3–High-Efficiency Enclosed Impeller

VG & VGH Series pumps are equipped with an enclosed, gray iron impeller that features double curvature vanes for highly efficient, energy saving operation. Stainless steel impellers are available for unique applications. Consult factory for details.

## 4–Heavy-Duty Casing

VG & VGH Series pumps casings include dynamic positioning vanes on the volute entrance to guide fluids directly in the eye of the impeller. This increases efficiency and overall cost savings. VG Series pumps are constructed of gray iron and VGH Series models feature ductile iron.

## 5–Long-Life Mechanical Seal

Heavy-duty, long-life mechanical seals are standard on VG & VGH Series pumps.

## 6–Heavy-Duty Pedestal

## 7–Dependable Ball Bearings

Dual, oil lubricated ball bearings ensure shaft rotation with minimal friction.

## 8–Sight Gauges

## 9–Durable Shaft

Wear resistant stainless steel shaft is sized for full drive output.

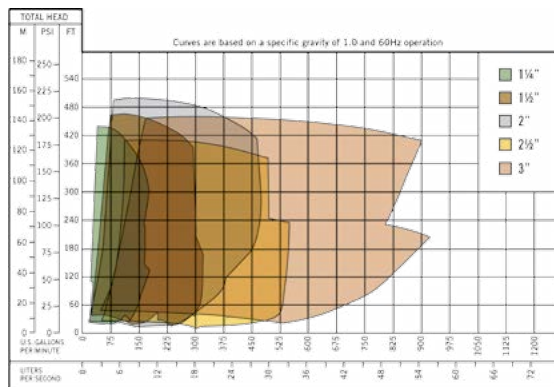
## Specifications

Pump Discharge Size: 1¼" (30 mm) to 8" (200 mm)  
 Max. Capacity: 4900 GPM (309.1 lps)  
 Max. Head: 500' (152.4 m)  
 Max. Solids: 1" (25.4 mm)  
 Max Temperature: 160°F (71°C)  
 Materials of Construction:  
 VG Models: Gray Iron Casing & Impeller\*  
 VGH Models: Ductile Iron Casing & Gray Iron Impeller\*

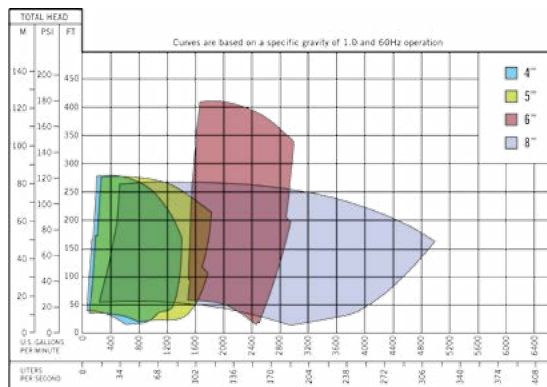
\*Stainless steel impeller available. Consult factory for details.

## Pump Performance Data

1½" to 3" VG & VGH Models



4" to 8" VG & VGH Models



# FLUID HANDLING EQUIPMENT DESIGNED WITH YOUR NEEDS IN MIND.



★ **Manufacturing Facilities**

● **Distribution Centers**

**The Gorman-Rupp Company**  
Mansfield, Ohio, USA

**Mansfield Division**  
Mansfield, Ohio, USA

**Gorman-Rupp International**  
Mansfield, Ohio, USA

**Gorman-Rupp Industries**  
Bellville, Ohio, USA

**Patterson Pump Company**  
Toccoa, Georgia, USA

**American Machine and  
Tool Co., Inc. of Pennsylvania**  
Royersford, Pennsylvania, USA

**National Pump Company**  
Fresno, California, USA  
Glendale, Arizona, USA (Headquarters)  
Lubbock, Texas, USA  
Olive Branch, Mississippi, USA  
Vienna, Georgia, USA  
Zolfo Springs, Florida, USA

**Gorman-Rupp Africa**  
Cape Town, South Africa  
Durban, South Africa  
Johannesburg, South Africa (Headquarters)

**Gorman-Rupp Europe**  
Leeuwarden, Netherlands

**Patterson Pump Ireland Limited**  
County Westmeath, Ireland

**Gorman-Rupp of Canada Limited**  
St. Thomas, Ontario, Canada

**Distribution Centers**  
Bangkok, Thailand  
Dubai, United Arab Emirates  
Grand Prairie, Texas, USA  
Leeuwarden, Netherlands  
Sparks, Nevada, USA

Engineering and manufacturing superiority has been a hallmark of Gorman-Rupp since our inception in 1933. Today we bring our products to life in some of the most efficient, modern and state-of-the-art manufacturing facilities in the world. Gorman-Rupp has a selection of nearly 3,000 pump models, and our world-class team of distributors has worked closely with thousands of end users around the world. We have the proven expertise and the resources to specify, manufacture, test and service your pump, and to ensure reliable performance for the long haul.



[GRPUMPS.COM](http://GRPUMPS.COM)



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