



VGH SERIES

High Efficiency Standard
Centrifugal Pumps



The Pump People®

Gorman-Rupp VGH Series:

High Efficiency Standard Centrifugal Pumps



VGH1 1/2C



VGH2C



VGH3B

A History Of Innovation

Gorman-Rupp has been revolutionizing the pumping industry since 1933. Many of the innovations introduced by Gorman-Rupp over the years have become industry standards.

Gorman-Rupp's legacy of innovation in self-priming centrifugal pumps began with a simple goal: to engineer solutions that perform reliably in the toughest environments. That commitment continues with the VGH Series—our line of high-head, heavy-duty pumps designed specifically for clean liquid applications.

Whether you're moving water in municipal systems, or dealing with industrial processes, VGH pumps are engineered for performance and built to last. These pumps combine rugged ductile iron construction with high-head capabilities to meet a variety of demands.

With more than one million Gorman-Rupp pumps and systems installed worldwide, we've seen nearly every application—and built solutions to match. Backed by a global distribution network of experienced professionals, we bring deep, application-specific expertise to help solve your toughest challenges.

When you choose the VGH Series, you're choosing more than a pump. You're choosing decades of reliable performance, minimal downtime, and low total cost of ownership.





VGH5B



VGH6D



VGH8D

Superior Performance

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

VGH Series are heavy-duty pumps used on a variety of applications from clean fluids to dirty liquids and mild abrasives.

These pumps feature a standard ductile iron casing, cast iron impeller with replaceable iron wear rings and a silicon carbide mechanical seal with fluorocarbon elastomers. VGH pumps are supplied with a heavy-duty oil-lubricated bearing pedestal that can be mounted to electric motors.

Value

VGH Series pumps boast some of the lowest life cycle cost in the industry. Because of the quality manufacturing and testing that go into every Gorman-Rupp product, you benefit from minimal service interruptions and some of the lowest maintenance requirements in the industry.

Peace of Mind

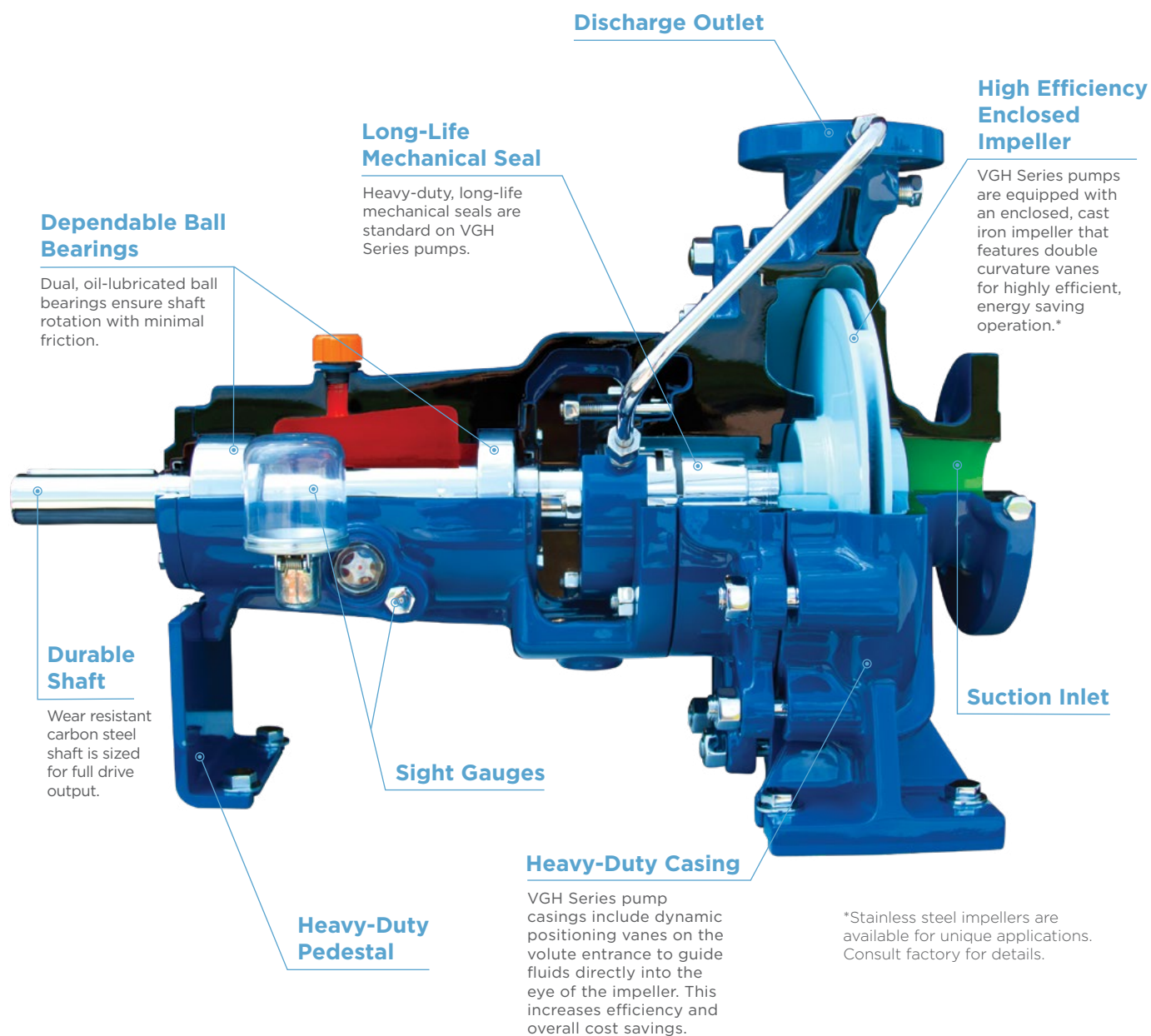
At Gorman-Rupp, we don't just say our pumps are reliable. We guarantee every part and working component of a VGH Series pump for 12 months. With Gorman-Rupp, reliable performance is always guaranteed.

Engineered For Efficiency

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



The Right Pump For The Job



*Stainless steel impellers are available for unique applications. Consult factory for details.

Specifications

Pump Size: 1.25" (32 mm), 1.5" (38 mm), 2" (50 mm), 2.5" (64 mm), 3" (75 mm), 4" (100 mm), 5" (127 mm), 6" (150 mm), 8" (200 mm)

Max Capacity: 4880 GPM (308 lps)

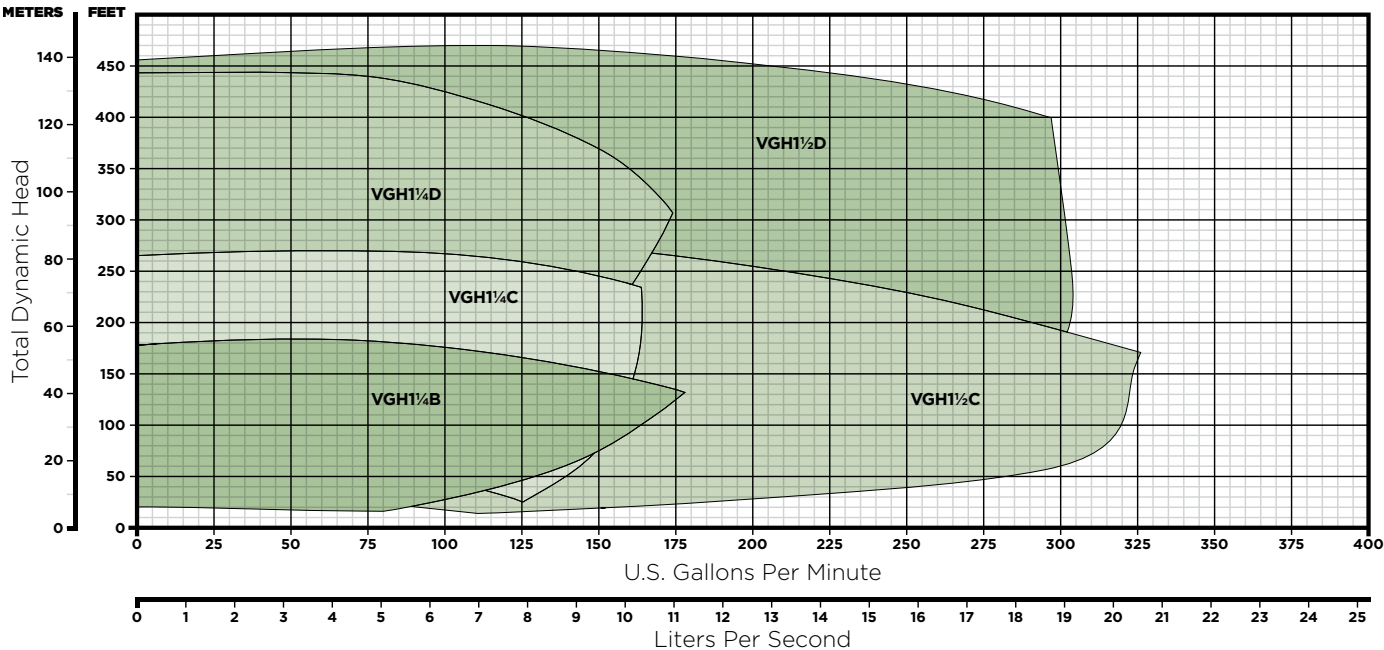
Max Head: 505' (154 m)

Max Solids: 1.2" (35 mm)

Materials of Construction: Cast Iron, Ductile Iron

Setting A Whole New Standard In Energy Consumption

VGH Series: 1¼" to 1½" Models



Operating Ranges

Model	Size (Suc. x Dis.)	Max. Capacity	Max. Head	Max. Solids	Construction
VGH1¼B	2" x 1.25" (50 mm x 32 mm)	178 GPM (11 lps)	184' (56 m)	.23" (6 mm)	Ductile Iron
VGH1¼C	2" x 1.25" (50 mm x 32 mm)	164 GPM (10 lps)	270' (82 m)	.17" (5 mm)	Ductile Iron
VGH1¼D	2" x 1.25" (50 mm x 32 mm)	174 GPM (11 lps)	444' (135 m)	.25" (7 mm)	Ductile Iron
VGH1½C	2.5" x 1.5" (64 mm x 38 mm)	326 GPM (21 lps)	280' (85 m)	.27" (7 mm)	Ductile Iron
VGH1½D	2.5" x 1.5" (64 mm x 38 mm)	304 GPM (19 lps)	470' (143 m)	.25" (7 mm)	Ductile Iron

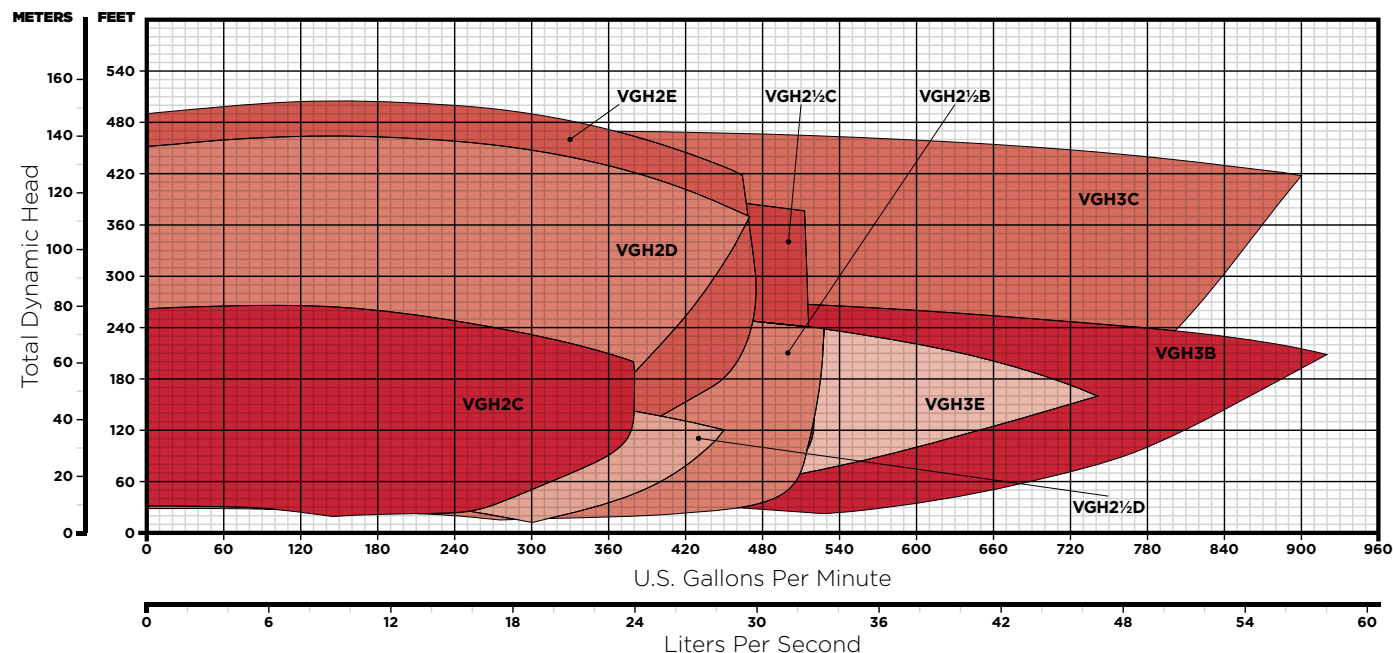


VGH Series pumps are available with a suction strainer, a hand primer or fitted with alternative gaskets and mechanical seals for pumping a variety of fuel and petroleum-based liquids.

Gorman-Rupp VGH Series:

Maximum Operating Efficiency

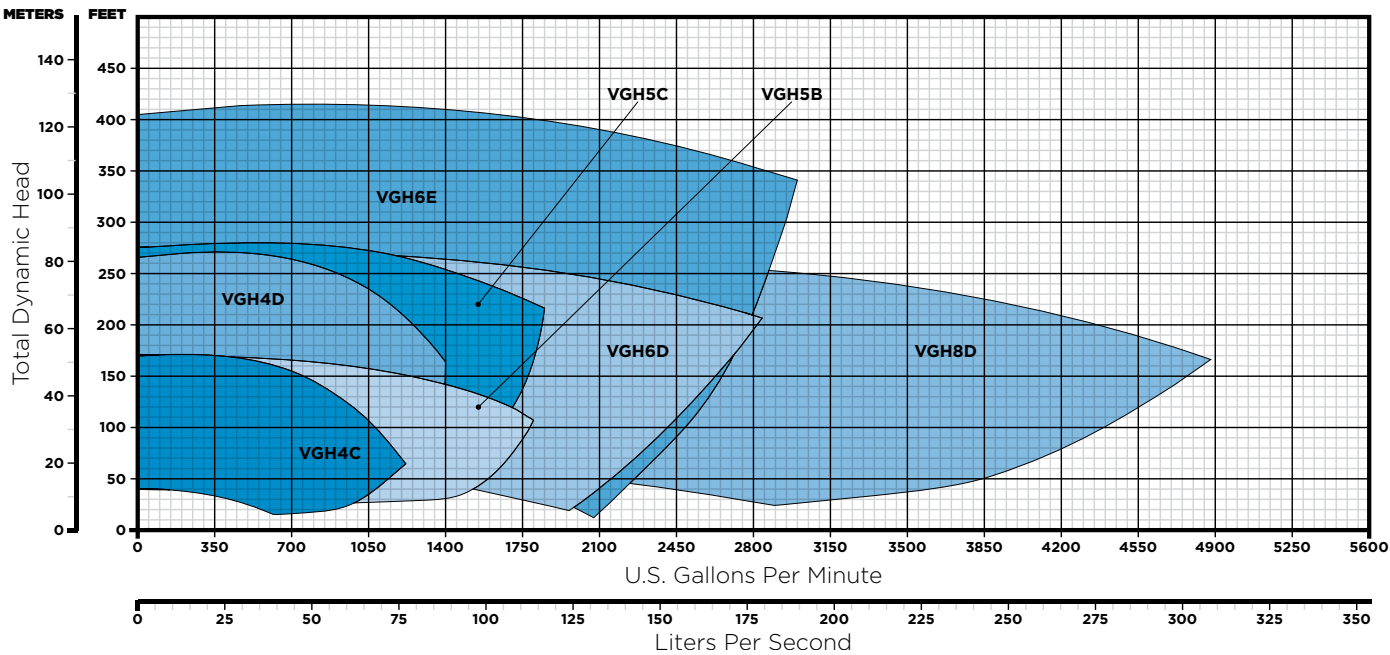
VGH Series: 2" to 3" Models



Operating Ranges

Model	Size (Suc. x Dis.)	Max. Capacity	Max. Head	Max. Solids	Construction
VGH2C	3" x 2" (75 mm x 50 mm)	380 GPM (24 lps)	266' (81 m)	.39" (10 mm)	Ductile Iron
VGH2D	3" x 2" (75 mm x 50 mm)	470 GPM (30 lps)	464' (141 m)	.34" (9 mm)	Ductile Iron
VGH2E	3" x 2" (75 mm x 50 mm)	475 GPM (30 lps)	505' (154 m)	.27" (7 mm)	Ductile Iron
VGH2½B	4" x 2.5" (100 mm x 64 mm)	528 GPM (33 lps)	275' (84 m)	.55" (14 mm)	Ductile Iron
VGH2½C	4" x 2.5" (100 mm x 64 mm)	520 GPM (33 lps)	414' (126 m)	.47" (12 mm)	Ductile Iron
VGH2½D	4" x 2.5" (100 mm x 64 mm)	450 GPM (28 lps)	176' (54 m)	.34" (9 mm)	Ductile Iron
VGH3B	5" x 3" (127 mm x 75 mm)	920 GPM (58 lps)	275' (84 m)	.55" (14 mm)	Ductile Iron
VGH3C	5" x 3" (127 mm x 75 mm)	900 GPM (57 lps)	470' (143 m)	.55" (14 mm)	Ductile Iron
VGH3E	5" x 3" (127 mm x 75 mm)	730 GPM (46 lps)	262' (80 m)	.42" (11 mm)	Ductile Iron

VGH Series: 4" to 8" Models



Operating Ranges

Model	Size (Suc. x Dis.)	Max. Capacity	Max. Head	Max. Solids	Construction
VGH4C	5" x 4" (127 mm x 100 mm)	1220 GPM (77 lps)	171' (52 m)	.66" (17 mm)	Ductile Iron
VGH4D	5" x 4" (127 mm x 100 mm)	1400 GPM (88 lps)	284' (87 m)	.63" (18 mm)	Ductile Iron
VGH5B	6" x 5" (150 mm x 127 mm)	1800 GPM (114 lps)	171' (52 m)	.88" (23 mm)	Ductile Iron
VGH5C	6" x 5" (150 mm x 127 mm)	1850 GPM (117 lps)	280' (85 m)	.78" (20 mm)	Ductile Iron
VGH6D	8" x 6" (200 mm x 150 mm)	2840 GPM (179 lps)	268' (82 m)	1" (27 mm)	Ductile Iron
VGH6E	8" x 6" (200 mm x 150 mm)	3000 GPM (189 lps)	415' (126 m)	1" (25 mm)	Ductile Iron
VGH8D	10" x 8" (250 mm x 200 mm)	4880 GPM (308 lps)	266' (81 m)	1.2" (35 mm)	Ductile Iron



After Sale Support

Gorman-Rupp products stand the test of time due to our quality manufacturing processes, rigorous product testing and extensive after sale support.

Product Support

Every pump manufactured by Gorman-Rupp is supported with reference information. Pump operation and maintenance manuals (including parts lists), specification data sheets, performance curves and outline drawings in PDF and CAD formats are available on our website or through your distributor for every pump.

Warranty

The warranties on Gorman-Rupp products are some of the best in the industry. Gorman-Rupp has you covered with warranties up to 60 months.

Education & Safety

Gorman-Rupp is committed to remaining at the forefront of the industry with technology and safety. Training videos, demos and

in-person training sessions created for our distributors and end-users help to keep everyone up to date on the latest safety tips and pump maintenance.

Parts

When you need a replacement part, you'll have it fast. Gorman-Rupp is fully committed to keeping your equipment running long after installation and ensuring your pump or lift station continues to meet your requirements year after year. We sell parts through our network of distributors. Find a distributor in your area for assistance.

Service

Should your pump or lift station require service, our worldwide network of factory-trained distributors are ready to quickly respond. Our distributors have the expertise to support you and your pump or lift station long after installation.

Manufacturing Facilities

Gorman-Rupp USA
Mansfield, Ohio, USA

Gorman-Rupp Canada
St. Thomas, Ontario, Canada

Gorman-Rupp Europe
Waardenburg, Netherlands
Namur, Belgium

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

Distribution Center

Grand Prairie, Texas, USA

Engineering and manufacturing superiority has been the 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

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