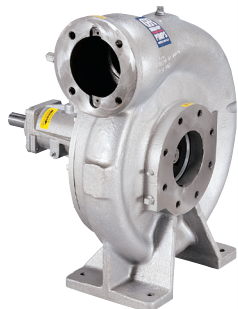




PUMPS FOR PETROLEUM

Gorman-Rupp manufactures a full line of self-priming centrifugal pumps specially designed for pumping clean, non-abrasive petroleum products. Bulk plants, tank farms, barges, tank cars or trucks, aircraft fuels, gasoline, fuel oil, petrochemicals, biodiesel, ethanol, and hundreds of other petroleum-based applications can be handled safely and efficiently with a Gorman-Rupp pump.

Roto-Prime® Self-Priming Centrifugal*



Sizes:	3" x 2" to 6" x 5" (75mm x 50mm to 150mm x 125mm)
Max Capacity:	1460 gpm (92 lps)
Max Head:	390' (119 m)
Seal Elastomer:	Viton®**, Teflon®†
Material of Construction:	Ductile Iron, Cast Steel



Roto-Prime® self-priming centrifugal pumps are specifically designed for pumping petroleum products, petrochemicals, solvents, and today's fuel formulations. The Roto-Prime design incorporates a variable capacity vane pump which quickly and automatically evacuates air and vapor, making them ideal for off loading transports and stripping hoses.

Optional air release evacuates air in the suction line to ensure positive self-priming even when pumping against moderate to high static heads.

O Series® Pumps*



Sizes:	2" to 6" (50mm to 150mm)
Max Capacity:	1350 gpm (85 lps)
Max Head:	400' (122 m)
Seal Elastomer:	Viton®**
Material of Construction:	Gray Iron and Aluminum



Gorman-Rupp O Series® self-priming centrifugal pumps have a straight-in suction design which eliminates entrance restrictions and provides better performance when handling petroleum products, solvents and similar liquids.

O Series® pumps are available pedestal mounted for flexible coupling to a power source or close-coupled to electric motors.

80 Series® Pumps*



Sizes:	1 1/4" to 8" (30mm to 200mm)
Max Capacity:	2100 gpm (133 lps)
Max Head:	210' (64 m)
Seal Elastomer:	Viton®**
Material of Construction:	Gray Iron (consult factory for other available metals)



80 Series® pumps are designed for non-stop workloads. The straight-in suction design of these high-efficiency pumps guarantees quick, positive self-priming and allows them to operate at higher suction levels than most other self-priming centrifugal pumps.

Liquid enters directly into the impeller eye. A suction check valve prevents in-line return flow when the pump is shut off. Because 80 Series pumps have few moving parts, maintenance is minimal. 80 Series pumps are available with self-lubricated mechanical shaft seals.

O & 80 Series® Close-Coupled*



Sizes:	1 1/4" to 2" (30mm to 50mm)
Max Capacity:	135 gpm (9 lps)
Max Head:	92' (28m)
Seal Elastomer:	Viton®**, Teflon®†
Material of Construction:	Gray Iron



Close-coupled, electric motor-driven pumps are available for installation where space is limited. Motors are explosion proof. Pumps feature a straight-in suction design which allows them to operate at higher suction lifts than most other self-priming centrifugal pumps. Ideal for flammable liquids.

Shield-A-Spark Engine-Driven Pumps



Sizes: 2" and 3"
(50mm and 75mm)

Max Capacity: 370 gpm (23 lps)

Max Head: 125' (38 m)

Seal Elastomer: Viton[®]**

Material of Construction: Aluminum

Engines: Gasoline or Diesel



Gorman-Rupp Shield-A-Spark self-priming centrifugal pumps are the safest approach to handling flammable liquids with an engine-driven pump.

Unit features Shielded ignition wire which provides enclosed path for high tension spark. Ignition switch is safe and spark-free. Muffler is designed to retard sparks.

Power-Take-Off Pumps



Sizes: 2" and 3"
(50mm and 75mm)

Max Capacity: 400 gpm (25 lps)

Max Head: 450' (137 m)

Seal Elastomer: Viton[®]**

Material of Construction: Aluminum and Ductile Iron

Self-priming centrifugal PTO pumps are ideal for handling aircraft fuels, fuel oil and gasoline. These pumps have no check valve and provide better suction performance when handling solvents, petroleum products and similar liquids. Pump features lightweight aluminum volute and impeller, replaceable bronze wear ring and quiet operation (O3H available in ductile iron).

Available with right or left hand rotation.

Designed for truck mounting.

60 & VGH End-Suction Centrifugal Pumps*



Sizes: 1 1/4" to 8"
(32mm to 203mm)

Max Capacity: 4800 gpm (302.8 lps)

Max Head: 490' (149 m)

Material of Construction: Ductile Iron Casing, Bronze Impeller, Aluminum Impeller, Viton[®]** seal, Ductile Iron or Steel housing



VGH standard centrifugal pumps are designed for pumping clean petroleum products, when using a bronze impeller with the Ductile Iron casing.

These centrifugal pumps are engineered for maximum operating efficiency and minimal energy consumption.

VGH and 60 Series pumps can be mounted to explosion-proof electric motors. The 60 Series is the straight centrifugal version of the Roto-Prime pump.

Tankleenor® Pumps



Size: 2" x 2"
(50mm x 50mm)

Seal Elastomer: Viton[®]**

Material of Construction: Gray Iron



Provides quick, efficient, economical cleaning of below-ground petroleum storage tanks. Removes contaminants like gel precipitates, microbial growth, rust and water – without disturbing the product or taking the tank out of service.

Features O Series pump with explosion proof motor, reel and hose assembly, connector hose, suction and discharge hose, guide tube and ground wire.

* Alternative gaskets and mechanical seals are available for today's fuel formulations.

** Viton is a registered trademark of Dupont Performance Elastomers L.L.C.

† Teflon is a registered trademark of Dupont Performance Elastomers L.L.C.



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Printed in the U.S.A.