

## PTO Transfer Pumps

WITH GEAR BOX DRIVE

(Truck Mounted)

**Gorman Rupp PTO Driven Transfer Pumps** have a self-priming design. For transfer of water, diesel and some other petroleum products. Straight in suction with no check valve eliminates entrance restrictions. Impeller, shaft and seal face are the only moving parts. Flow Rates to 400 GPM @ 1000 RPM.



**Standard Features:** • Self-Priming • 3" FPT Ports • Aluminum Casing • Replaceable Brass Wear Ring • Maximum Temperature of Pumped Liquid is 160° F. • Mechanical, Self-lubricated Seal of carbon, Viton® and stainless construction • Clockwise or Counterclockwise Rotation. **Note: Specify all Iron Version for Fertilizer Use - Call for Pricing. 2" Models are also available.**

Part No.	Ports	*Rotation	Shaft Dia.	Wt. Lbs.
GR 03H1-GR	3" FPT	Clockwise	1-1/8"	78
GR 03H1-GL	3" FPT	Counter-CW	1-1/8"	78

\* Rotation is facing pump input shaft.



## GORMAN-RUPP Petroleum Pumps

Self-Priming • Centrifugal  
Explosion-Proof Motors

Designed for Bulk Plant use, these *Gorman-Rupp* close coupled centrifugal pumps will handle Gasoline, Diesel, Fuel Oils, and some other petrochemicals.

**Specifications:** 2" FPT Ports • Capacity to 140 GPM • Pressures to 60 PSI • Explosion proof 2 HP motors, single or three phase • High efficiency closed bronze impeller • Gray iron casing • Buna-N "O" rings • Self-Lubricated mechanical seal of carbon, ni-resist, Viton® • Maximum Temperature is 160° F. • Close-coupled • Self-Priming to 8' Max with foot valve.

Part No.	2" PETROLEUM PUMP	Wt. Lbs.
GR 02K3x2-1PH	Single Phase, 115/230-Volt	115
GR 02K3x2-3PH	Three Phase, 230/460-Volt	105



## Self-Priming Centrifugal Pumps with Explosion Proof Motors

Self-Priming • Cast Iron

**Gorman-Rupp Explosion Proof, Self-Priming Centrifugal Pumps** are designed for use in hazardous environments and/or for handling compatible flammable liquids. (Class I, Div. 2 & Class II, groups E, F & G), including gas and diesel. Single and 3-phase motors, 1/2 to 2 HP. Self-priming and equipped with Viton®, Carbon and Ni-Resist seals. Temperatures to 160° F. Rated to 1.0 S.G.



02C3-X1.5  
Single Phase

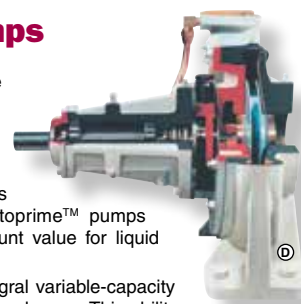
Part No.	Max. Flow (GPM)	HP	PH.	Port Size (NPT)	Volts	WT.
GR 81-1/4-1P	*55	.5	1	1-1/4" x 1-1/4"	115/230	85 lbs.
GR 81-1/4-3P	*55	.5	3	1-1/4" x 1-1/4"	230/460	85 lbs.
GR 81-1/2-1P	75	1	1	1-1/2" x 1-1/2"	115/230	89 lbs.
GR 81-1/2-3P	75	1	3	1-1/2" x 1-1/2"	208/230/460	89 lbs.
GR 81-1/2E-1P	*90	1.5	1	1-1/2" x 1-1/2"	115/230	76 lbs.
GR 81-1/2E-3P	*90	1.5	3	1-1/2" x 1-1/2"	230/460	76 lbs.
GR 02C3-1PH	110	1.5	1	2" x 2"	115/230	99 lbs.
GR 02C3-3PH	*110	1.5	3	2" x 2"	230/460	99 lbs.
GR 02D3-1P	*130	2	1	2" x 2"	115/230	101 lbs.
GR 02D3-3P	130	2	3	2" x 2"	230/460	101 lbs.

\* Stock Pumps at Factory.

Viton® is a registered trademark of DuPont Performance Elastomers

## ROTOPRIME™ Pumps

**Gorman Rupp Rotoprime™ Pumps** are unique and unmatched for unloading railcars, tanker trucks, etc., and for bulk load-out of gas, diesel, petrochemicals and related derivatives. In no way are these pumps adaptations of pumps originally built for handling water: Rotoprime™ pumps incorporate design features of paramount value for liquid hydrocarbon service.



Inside each Rotoprime™ pump an integral variable-capacity vane pump automatically evacuates air and vapor. This ability to effectively move air from the suction piping to the discharge piping is critical when pumping hydrocarbons (*hand priming is not required*). All Rotoprime™ pumps include ductile iron housings (cast steel avail.), heavy-duty SAE 1045 steel shafts, sealed bearings, viton fitted mechanical seals and balanced aluminum impellers with bronze wear rings. Pumps below also include the GRP 3306 Air Release for "stripping" air from dry suction piping and pumping against high heads such as filling storage tanks. Complete pump units are mounted on 52" x 1/2" steel base plates with explosion-proof TEFC motors (1750 RPM), S-Flx coupling system and guard. Self-priming to 10'.



### COMPLETE PUMP UNITS:

Part No.	Max Flow (GPM)	GPM@ 20 PSI	Ports (Flanged)	HP	Wt. Lbs.
DU GR4X3RP-20	700	700	4" x 3"	20	750
DU GR4X3R-20T	*700	700	4" x 3"	20	750
DU GR6X5RP-50	1475	1475	6" x 5"	50	1200

\* Includes Teflon Seal for pumping Ethanol.

### PEDESTAL PUMPS ONLY

Part No.	Description	Imp. Dia.	Wt. Lbs.
GR RS3A31-BAR	4" x 3" Flanged, D.I. Rotoprime Pump with Air Release .....	12.25"	307
GR RS3A31-BAR-T	Same as above with Teflon Seal for Ethanol .....	12.25"	307
GR RS5A31-BAR-12	6" x 5" Flanged, D.I. Rotoprime Pump with Air Release .....	12"	502
GR RS5A31-BAR	6" x 5" Flanged, D.I. Rotoprime Pump with Air Release .....	13.25"	502

Call for Engineering assistance and flow analysis for your application.

## Flammable Liquid Pumps



- Engine Drive -

This self-priming pump includes shielded ignition, spark arresting muffler and heat shield and grounding wire so flammable liquids can be transferred with considerable safety. Lightweight aluminum volute and replaceable steel wear plates.



Carbon, Ni-resist, Viton® mechanical seals. Maximum flow rate is 136 GPM. Maximum Head is 77'. 2" FPT ports. Roll cage with rubber feet. Ship weight is 80 lbs. U.L. Listed (66G3).

TOTAL HEAD		Capacity of Pump in U.S. GPM at Continuous Performance		
PSI	FEET	25'	30'	35'
33.4	77	25	25	25
30.3	70	60	60	60
26.0	60	80	90	90
21.7	50	81	107	113
17.3	40	82	108	130
13.0	30	84	109	135
8.7	20	85	110	136
SUCTION LIFT		25'	20'	15'

### Part No.

GR 82D1-XR550-X 2" Self-Priming Shield-A-Spark Pump ..

We appreciate  
**YOUR BUSINESS!**