



RTPg SERIES™

INTERNAL GEAR | CAST IRON TANKER PUMP



TIRED OF THROWING AWAY PUMPS?

The RTPg Series™ is Viking's newest addition to our Tank Truck Portfolio. The RTPg is a cost-effective cast iron alternative for applications where stainless steel is not required. This is an internal gear design, the technology which made Viking Pump® the global leader of positive displacement pumping solutions. The internal gear pump will provide unmatched quiet and smooth operation. The RTPg is easily and fully rebuildable. This means no more investing in "throw away" alternatives and reduction in downtime, providing protection to your bottom line. Proudly manufactured and assembled in the USA.

FEATURES & BENEFITS

- 2" models with flows up to 135 GPM (30 m³/h)
3" models with flows up to 170 GPM (38 m³/h)
- Efficiently handles both low and high viscosity liquids with excellent displacement/weight ratios (up to 0.28 USG/rev)
- Easily displace competitor pumps with a drop in 4-bolt mount
- SAE A 2 bolt hydraulic drive with a speed rating up to 600 RPM
 - » Lower speed provides less wear and a longer life
- Modular Porting
 - » Accepts ANSI 4 Bolt Flange and NPT
- Time saving seal & rebuild kits available
 - » Easily rebuildable with no special tooling
- New PTFE double lip seal design provides a wide range of compatibility
 - » The seal is also designed with excellent wear and low friction characteristics to provide a longer life and withstand some inevitable dry run
 - » Seal is located behind the rotor and isolates the shaft support bearings from the process fluid
- With the internal gear design, the pumps* are bidirectional from the factory

* Internal relief valve will only provide protection in one direction



CAPACITY
to 170 GPM
(38 m³/h)



PRESSURE
to 125 PSI
(8.6 BAR)



VISCOSITY
to 2,500 SSU
(540 cSt)



TEMPERATURE
to +250°F
(+120°C)

PORTING

- Modular Ports compatible with ANSI 4 Bolt Flange & NPT in one

SEALING

- Double Lip Seal
- PTFE/Carbon Filler
- Dry Run Capable

ROTOR & CASING OPTIONS

- Cast Iron Pump Construction

MOUNTING

- SAE A 2 bolt hydraulic drive
- Drop-in foot to common cast iron alternatives

TYPICAL APPLICATIONS

- Crude Oils
- Fuels
- Lubricants
- Asphalt
- Joint Crack Sealant
- Paint/Ink
- Chemicals/Caustic
- Vegetable Oils
- Waste Cooking Oil
- Corn Syrup
- Sugars
- Fertilizer

MAINTENANCE KITS

- Everything you need in one place
- Reduce frequency of repairs
- Increase service life
- Increase uptime
- Save time and money
- Kits include exploded diagram and parts list
- Seal & rebuild kits available

WHY CHOOSE THE RTPg?

Your Needs	RTPg	Competitor Cast Iron
Low Cost	✓	✓
Dry Run Capable Seal	✓	✗
Easily Rebuildable	✓	✗
Modular Ports (Flange & NPT)	✓	✗
Solids Handling	✓	✗
Bi Directional as Standard*	✓	✗
Designed Specifically for Tank Truck Trailers	✓	✗
Leaded Bushings as Standard	✗	✓



Yes



No/Not Ideal or Limitations

* RTPg relief valves will only operate in one direction



VIKING PUMP®

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