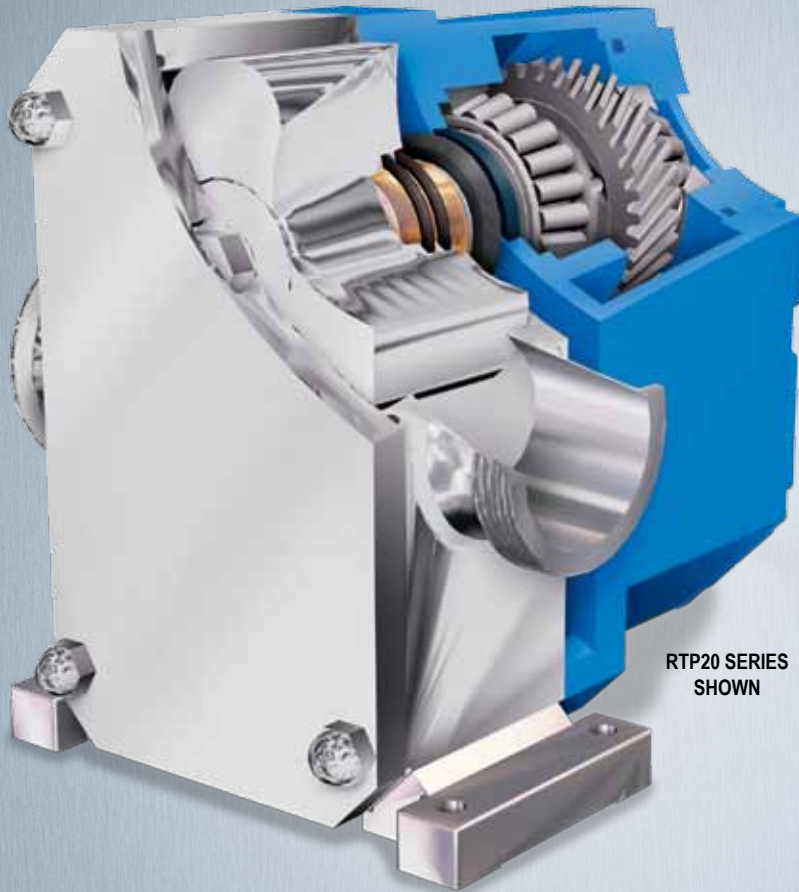


VIKING PUMP

A Unit of IDEX Corporation

**High-Speed Rotary Transport Pump
with Configuration Flexibility and
Ease of Maintenance.**



RTP20 SERIES
SHOWN

RTP20

CAPACITY to 1,000 L/M / 60 M³/Hr. (264 GPM)

PRESSURE to 10 BAR (145 PSI)

VISCOSITY to 55,000 cSt (250,000 SSU)

TEMPERATURE to +110°C (to +230°F)

RTP30

CAPACITY to 1,283 L/M / 77 M³/Hr. (340 GPM)

PRESSURE to 12 BAR (175 PSI)

VISCOSITY to 55,000 cSt (250,000 SSU)

TEMPERATURE to +150°C (to +300°F)

Built with all of the features of its larger sibling, the RTP20 gives you a second size that also provides exceptional performance, advanced durability, application flexibility, ease of installation, and ease of maintenance to help you realize enhanced productivity for a lower total cost of ownership.

Configuration Flexibility

The Viking RTP series tri-lobe design can be custom built for your application. The compact, light-weight design of this high-speed pump series has removable feet and multiple mountings for easy vertical or horizontal adaptation. Available with ACME threaded or tri-clamp ports as well as many other port connection types, the RTP series provides the flexibility your operation needs.

High Volume with Less Noise

Viking's RTP20 and RTP30 series' unmatched efficiency at filling the rotor voids allows faster and quieter operation on viscous liquids. Its longer sealing land at rotor tips provide enhanced efficiency on lower viscosity products.



Maintenance-Friendly Design

The RTP series utilizes front loading seals, so you do not have to disconnect the pump from piping which provides quicker, easier servicing that maximizes uptime. No special tools are required to disassemble pumps for servicing. Optional wing nuts for cover plate provide quick, easy disassembly for service or strip cleaning.

IDEX
IDEX CORPORATION

RTP20 / RTP30 Rotary Transport Pumps

FEATURES AND BENEFITS

Lower Cost of Ownership

The proven 316L stainless steel design of the RTP series provides higher capacity, higher pressure, and unmatched efficiency on a variety of viscosities enabling faster unloading and loading. This performance along with the RTP series' advanced durability, application flexibility, ease of installation, and ease of maintenance provides a lower cost of ownership.

Advanced Durability

- Corrosion-resistant, 316L stainless steel wetted design.
- Precision helical gears synchronize rotors for long life.
- Short shaft with improved bearing position virtually eliminates shaft deflection, allowing higher operating speeds and better discharge pressures while extending seal life.
- Sealed, lubed-for-life gear box eliminates moisture entry points and water build-up, extending the life of the bearings and pump.

Application Flexibility

- Enhanced flexibility for various applications and viscosities:
 - 3" port standard, with 2" port options available (RTP20)
 - 3" port standard, with 4" port options available (RTP30)
- O-Ring seal design meets a wide variety of application needs with easy clean-up and replacement.
- Shallow rotor dwell provides unmatched efficiency allowing faster and quieter unloading and loading. Tri-lobe rotor design gently handles shear-sensitive fluids.
- Optional diaphragm-style relief valve protects pump from over pressure.
- Optional shaft drive is available.



Ease of Installation

- Rotatable casing with removable feet allows quick, easy vertical or horizontal mounting.
- Compact design conserves valuable space and weight.
- Standard hydraulic drive mount eliminates misalignment problems.
- *Drum® drop-in replacement, with a retrofit kit available.*

Ease of Maintenance

- A wide range of seal types with a unique front-loading design that provides easy replacement and clean-up.
- No special tools required to disassemble for servicing.
- No end-clearance adjustment minimizes scheduled downtime.
- In-line servicing reduces the need to remove casing during scheduled maintenance providing a lower cost of ownership.
- Quick release cover plate with wing nut option provides easy access for validation of clean-in-place (CIP) process.

For more information, contact your local authorized Viking Pump Distributor or contact Viking at:

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Meets 3-A Requirements

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