

Gardner Denver

Gardner Denver® Drum® STP 125 Stainless Steel Food & Chemical Pump



Features & Benefits

- Meets 2007 3A specifications
- Trilobe rotor profile provides quiet and smooth operation
- Low shaft deflection enables high pressure capability and longer seal life
- Front loaded seal can be changed without removing the pump case
- New seal design allows you to choose the right seal type for your application (O-ring, double lip or mechanical seals)
- Sealing surface is a stainless steel shaft sleeve for long life and is easily replaceable
- Universal mounting feet for horizontal or vertical product flow
- Positive displacement, 3 lobe rotor design
- Bi-rotational
- Relief valve protection in either rotation
- Lightweight and compact design specifically for tank truck applications
- Quick strip design for ease of maintenance and cleaning
- Suitable for cleaning in place (CIP)
- Tapered rotor lock nuts with sealed splines

STP125 Stainless Steel Food & Chemical Pump

Specifications

- Speed range: 0–750 rpm
- Maximum pressure: 140 psi (relief valve set for 100 psi)
- Flow rates: Up to 232 gpm
- Weight: 145 lbs. (with relief valve)
- Suitable for temperatures up to 300°F

Seals

- Standard: Nitrile O-ring seal assembly
- Optional O-ring Material: EPDM or Viton® and Double Lip seal configurations available
- Mechanical seals

Ports

- Standard: 3" male ACME
- Optional: 3" male camlock or 3" male NPT (special order)

Drives

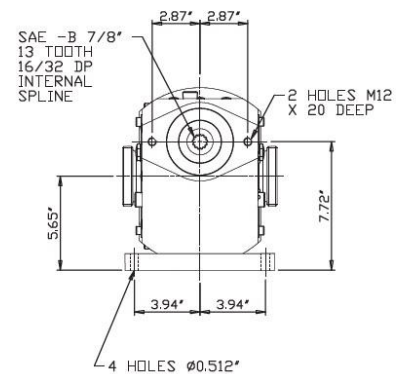
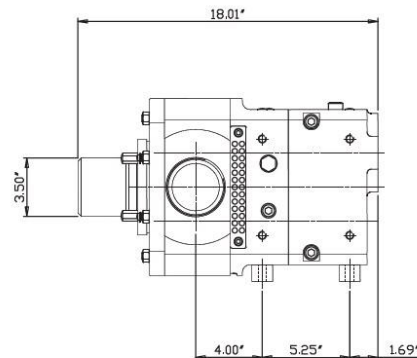
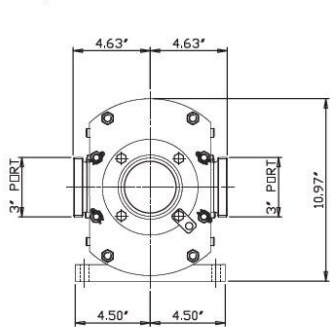
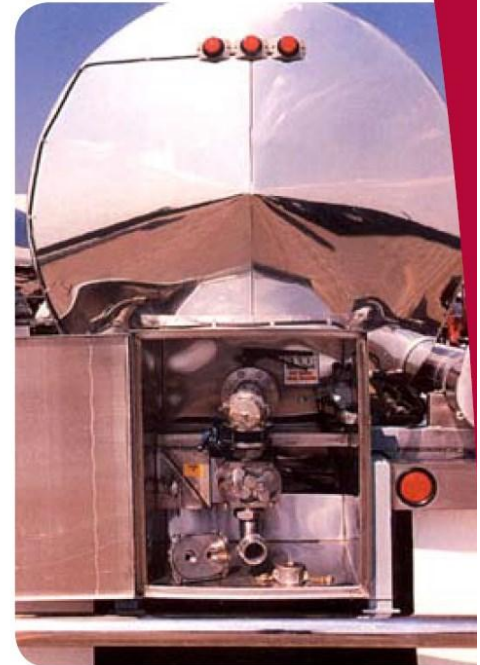
- Hydraulic direct mount
- Top shaft



Handy rotor removal tool is provided with every pump. Ceramic coated seal sleeves provide long life.



Optional Heat Saddles



The STP125 stainless pump is specifically designed for the transfer of food grade products or chemicals from tank trailers. The new seal design offers the option of O-ring, double lip or mechanical seals. The quick strip design and front loading seals provide easy cleaning and maintenance. The non-contacting rotors assure you of a contamination-free product with flows up to 232 gallons per minute. Using Computational Fluid Dynamics techniques, the trilobe rotors and port design ensure quiet, pulse-free, cavitation-resistant flow.

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Stainless Steel Liquid Pumps SSC150 Chemical Grade



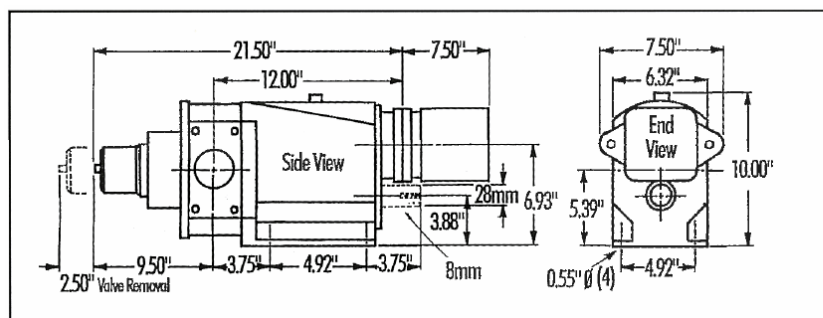
Specifications:

- Speed Range: 0 - 1000 RPM
- Maximum Pressure: 70 psi*
- Flow Rates: Up to 155 GPM
- Weight: 128lbs

*Note: For high pressures, consult the factory

Features:

- 316 Stainless Steel with 3A Finish
- Lightweight and compact, designed specifically for tank truck applications
- Contactless rotor arrangement reduces wear
- Quick strip design for ease of maintenance and cleaning
- Suitable for cleaning in place (CIP)
- Bi-rotational
- Relief valve protection in either rotation



- **Seals:** Standard: Double Lip Seal

Optional: Hyclean Mechanical Seals:

- Sil-Car vs. Sil-Car with Teflon & Chem Raz elastomers

Hyclean Mechanical Seals:

- Carbon vs. Stainless with Teflon & Chem Raz elastomers

- **Elastomers:** Teflon
- **Ports:** Stainless Steel Weld flanges to suit 2", 2 1/2" or 3" pipework
- **Drives:** Direct Mount Hydraulic or shaft