

Delta

Tank Truck Centrifugal Pump

The F. A. Sening Delta centrifugal pump is especially suitable for delivering low-viscosity petroleum products from tank trucks. Its small, compact design permits installation in the vehicle chassis. In addition, it utilizes the cost-effective PTO of the vehicle. The adaptability of the pump meets the requirements for universal use.

Features

- Compact design
- Centrifugal design for low wear and long life
- Mechanical seals
- PTO driven
- Helical gears for low noise

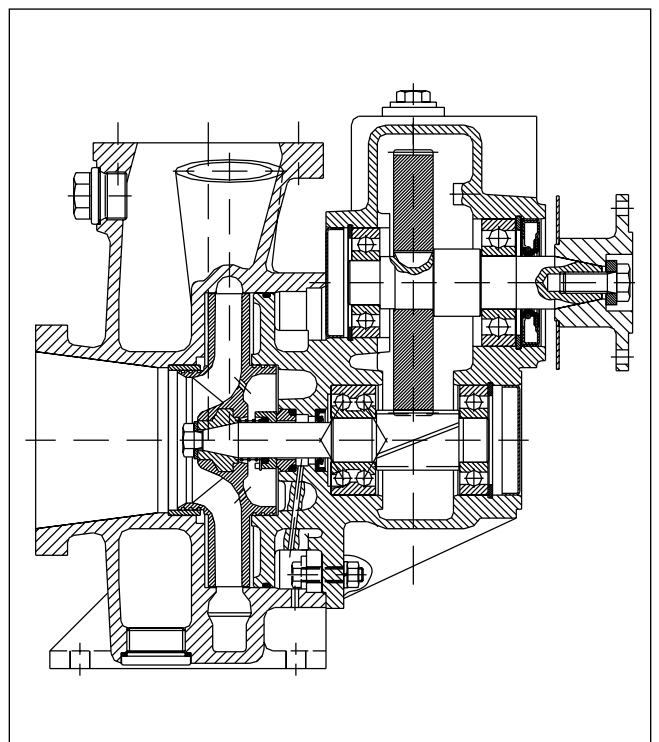
Principal of Operation:

The Delta pump consists of two key components:

- a) The aluminum pump housing
- b) The gear drive and PTO connection

The Delta pump is a compact, light weight and high performance pump specifically designed for tank truck operation. The centrifugal pump element and leak-free mechanical seals throughout provide for low maintenance and long life.

The gear drive may be rotated in 90° increments to minimize alignment to the PTO driveshaft. A wide selection of input gear ratios match almost any PTO drive system.



Materials of construction

Aluminum, stainless steel, PBN, Viton

Flow rate

max. 1200 l/min

Pump pressure

max. 8.5 bar (120 psi)

Available gear ratios

1 : 6.57	1 : 5.69
1 : 4.94	1 : 3.87
1 : 3.1	1 : 2.45

Options

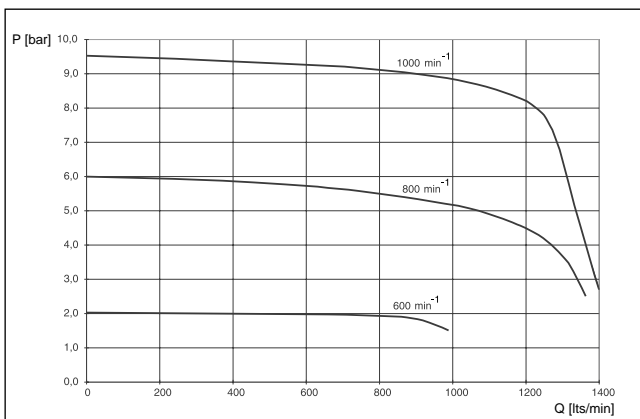
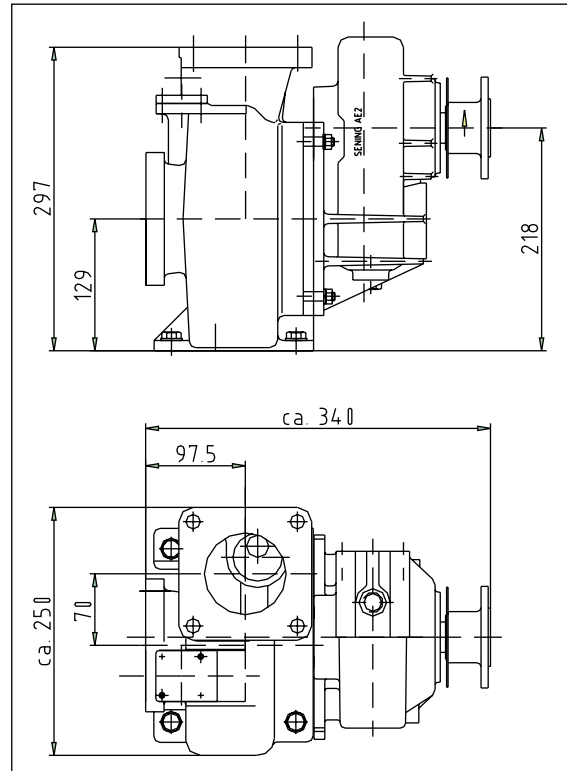
Hydraulic drive, pneumatic controls

Accessories

Pneumatic and electrical speed control of truck engine.

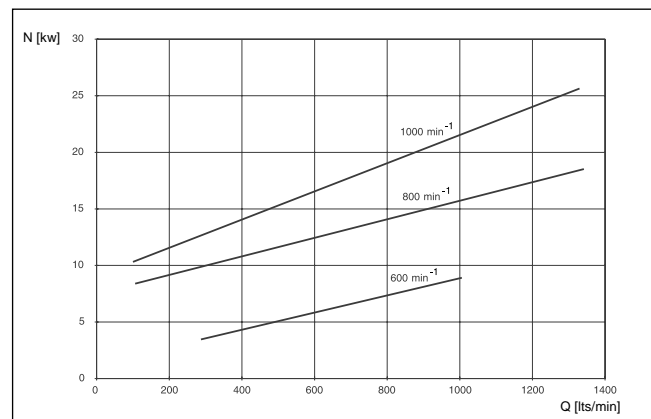
Further information

Available from our pump documentation.
Please request for a copy.



Q-Δp-n graph

Gear Drive Transmission 3.1



N-Q-n graph

Headoffice and Factory
F.A. Sening GmbH

Regentstrasse 1
25474 Ellerbek

Germany

Phone: +49-4101-304-0

Fax: +49-4101-304-255

E-Mail fa_sening@fmc.com

Sales Office:

Smith Meter Inc.

Ambassador House

181, Farnham Road

Slough SL1 4XP, Berkshire, England

Phone +44-1753-571515

Fax +44-1753-529966



Quality-Management-System approved to ISO 9001.