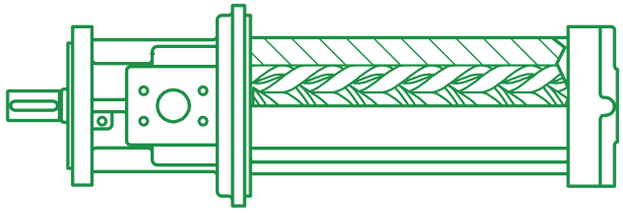
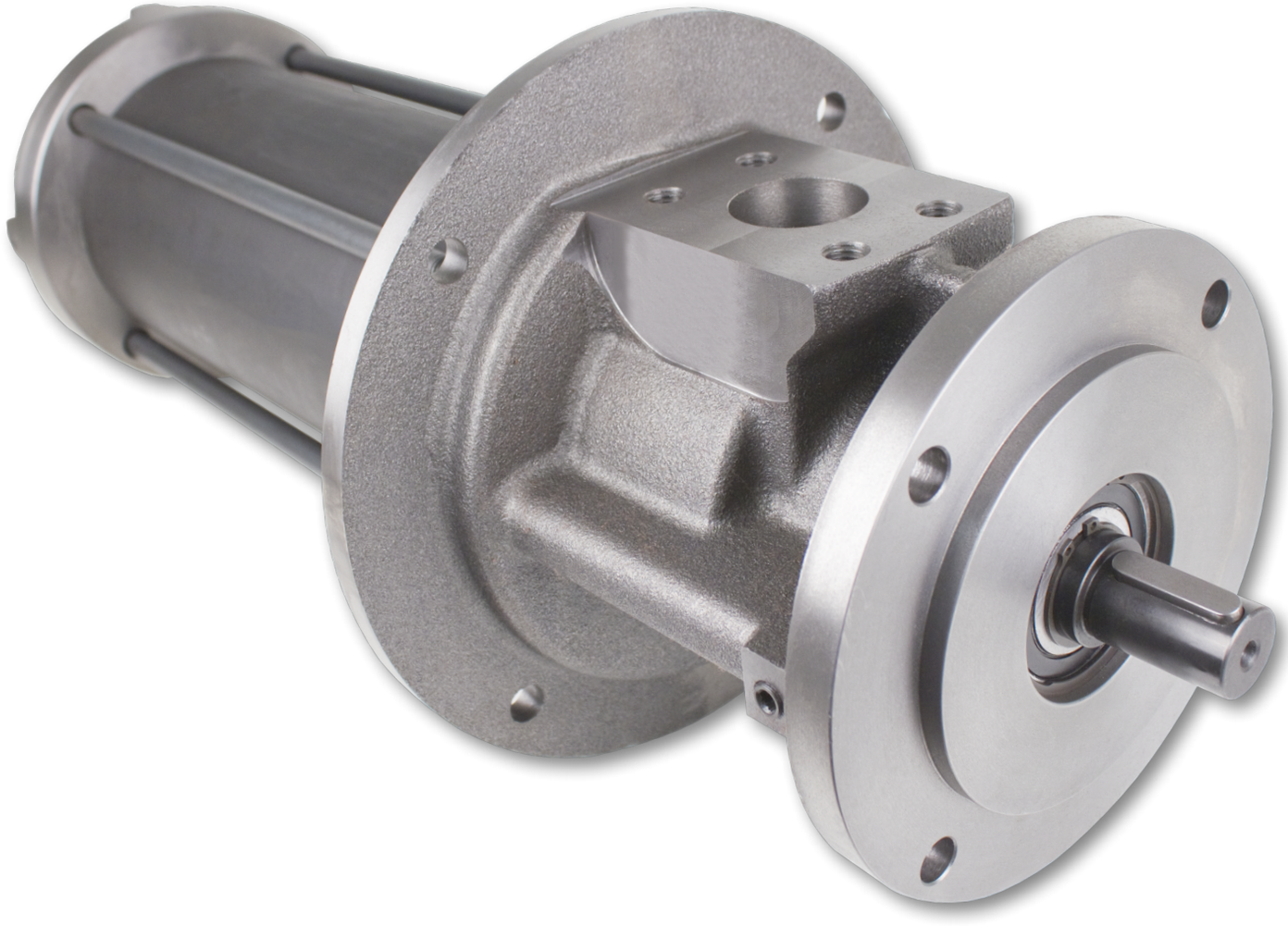




SEIM
SCREW PUMPS

PO

PO6 Series 3-Screw Pump

Shanley Pump
& Equipment, Inc.™

PO

Features

The SEIM PO6 Series 3-Screw Pump is designed to work with oils with viscosities as low as 1 cst (31 ssu) - 400 cst (1,800 ssu) in high pressure pumping applications. It's self-priming capability and low noise level allows continuous duty at 100 bar (1450 PSI).

Description

The PO's series inlet port is available in axial configurations and the PO Series operates at 5 to 172 GPM at pressures up to 1450 PSI at a temperature range of 32° to 140 ° F.

SEIM screws pumps are volumetric self-priming pumps suited to handle various oils and also other fluids with minimum lubricating properties. Also used for pumping waterbased coolants for machine tool lubrication systems. The pumps design makes them intrinsically reliable and efficient in their applications.

Shanley Pump & Equipment, Inc.
2525 S. Clearbrook Drive
Arlington Heights, IL 60005
P: 847.439.9200
F: 847.439.9388
www.shanleypump.com
sales@shanleypump.com

Usage

Functional characteristics of a SEIM Screw pump are:

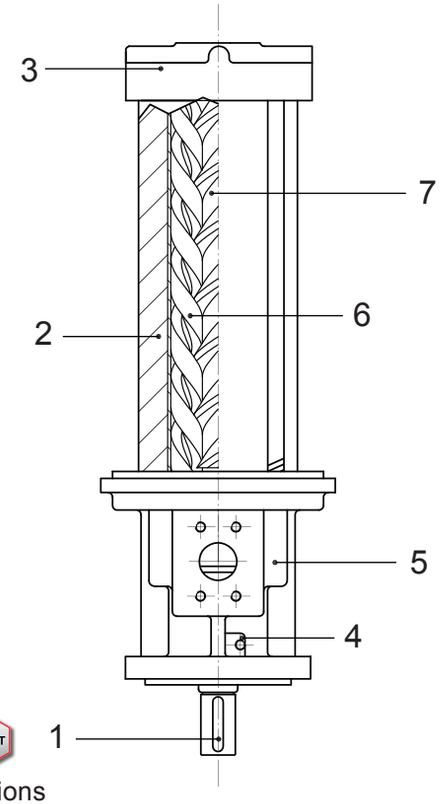
Very low noise levels
Wide range viscosity compatibility
High rotation rates = minimizing the size and cost of the pump
No vibrations
Minimum sensitivity to particle pollution
High self-priming capacity
Special design for systems with entrained air in the lubricant
During operation, the PO entraps air bubbles inside is body to suppress system noise

Main Applications

- Clear Liquids Pumping
- Oil Pumping Applications
- High Viscosity Fluid Pumping
- Plant Engineering Pumping
- Recirculation Systems Pumping
- Lubrication Systems Pumping
- High Pressure Pumping

GPM	5 - 172 GPM
PSI	up to 1450 PSI
TEMP	32˚F - +140˚F

1.) Key
2.) Cast Iron Pump Casing with Special Coating
3.) Cast Iron Axial Inlet Flange
4.) Drain Hole
5.) Cast Iron Connection Flange
6.) Nitrided Steel Idler Spindle
7.) Nitrided Steel Drive Spindle



STEEL SS 304 CAST

Dimensions Drawings
Click here for complete dimensional drawings

Performance Curve

For specific applications data on viscocity and pressure please contact us and we send you deatils about flow rates.

To download our screw pump fax form click here