

PW0

PW06 Series 3-Screw Pump

Shanley Pump
& Equipment, Inc.



PWO

Features

The SEIM PWO6 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 PWO's series inlet port is available in axial configurations and the PWO 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

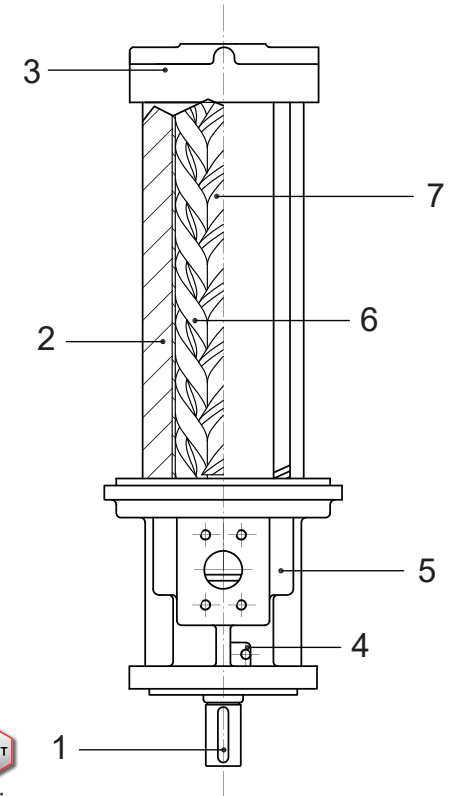
- Clear Liquids Pumping
- Oil Pumping Applications
- High Viscosity Fluid Pumping
- Plant Engineering Pumping
- Recirculation Systems Pumping
- Lubrication Systems Pumping
- High Pressure Pumping

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



Dimensions Drawings

[Click here for complete dimensional drawings](#)



Performance Curve

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



To download our screw pump fax form click here