

PCX

Three-Rotor Screw Pump

Shanley Pump
& Equipment, Inc.



PCX

Features

The SEIM PCX Series screw pump is a three-rotor screw pump for a low/medium pressure pump for lubrication systems. The PCX pump body is made from carbon steel. Other materials are available depending on your needs and is available standard with ANSI connections; DIN connections are also available upon request.

Description

The PCX's inlet port is available in either axial or radial configurations. During operation, the PCX entraps air bubbles inside its body to suppress system noise and operates at 2.6 to 740 GPM at pressures up to 450 PSI at a temperature range of 32° to 248 ° F and is for use with high viscosity fluids.

Usage

SEIM screws pumps are volumetric self-priming pumps suited to handle oils and fluids with a minimum lubricating property. The pumps design makes them intrinsically reliable and efficient in their applications.

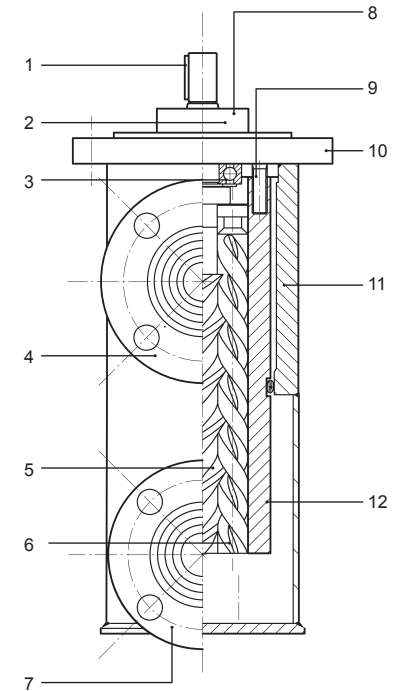
Their functional characteristics of a Screw pump are:

- 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

Main Applications

-  Shipyard Construction
-  Steel Industry
-  Steel Manufacturing Applications
-  Lubrications Applications
-  Turbine Applications

- 1.) Key
- 2.) Mechanical Seal
- 3.) Ball Bearing
- 4.) Outlet Flange ANSI/DIN
- 5.) Carbon Steel Driving Spindle
- 6.) Cast Iron Iddler Spindle
- 7.) Inlet Flange ANSI/DIN
- 8.) Inspection Flange
- 9.) Socket Head Cap Screws
- 10.) Carbon Steel Connection Flange
- 11.) External Carbon Steel Casing
- 12.) Pump Casing Cast Iron



 [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



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GPM 2.6 - 740 GPM

PSI 0 - 450 PSI

TEMP 32° F - +248° F