

Model PLP Pump Data Sheet

DESCRIPTION

The Model PLP Lubricating Pump is designed for Engine/Compressor and other Industrial applications.

The PLP Pump Head is a High Volume Positive Displacement Pump.

PLP Pump Heads are designed to be mounted on Premier PLP Gear Boxes as well as Gear Boxes from other manufacturers. PLP Gear Boxes are available in a wide variety of ratios.

The PLP Pump Head is actuated by a Roller Tappet Assembly in the Gear Box.

FEATURES

- ◆ *High Volume Positive Displacement*
- ◆ *Adjustable Flow Rate*
- ◆ *Actuated by Roller Tappet Assembly*
- ◆ *Suitable for use with Petroleum and Synthetic Based Lubricants*
- ◆ *Weatherproof Construction*
- ◆ *Anchor Cross Installed on Pump Outlet*
- ◆ *Purge Port Check Valve Installed on Anchor Cross*
- ◆ *Atmospheric Rupture Indicator Installed on Anchor Cross*
- ◆ *1/4" NPTF Port for Pressure Gauge (Pressure Gauge is Optional)*
- ◆ *Available in Two Plunger Sizes (See Chart)*

PREMIER Part Number	PLP Pump Plunger Size	Maximum Working Pressure
30321	7 MM	8,000 PSI
30322	10 MM	3,500 PSI

Note:
Each PLP Pump Head is shipped with an Aluminum Name Tag which Identifies Plunger Size.

SPECIFICATIONS

Flow Rate:
Output is determined by Multiplying:
Gear Box RPM x Factor = Pints/Day

Factors:

Plunger Size	Minimum	Maximum
7 MM	0.10	0.85
10 MM	0.21	1.49

Example of a Gear Box Running @ 20 RPM with a 7 MM Pump Head: $20 \times .85 = 17$ Ppd Maximum Flow Rate.

Inlet Thread: 3/8" NPT
Outlet Thread: 1/4" NPT

FILTRATION

It is recommended that a filter with a minimum rating of 25 micron be used with all PLP Pump Heads to eliminate contaminants from entering the Pump Head.



For Additional Information Contact:
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