

L18P Lubricator

Manual, One Shot

Operation

The L18P Lubricator is a spring return piston pump. Pushing the operating handle down raises a piston and compresses a spring. Releasing the handle discharges oil into the system. Oil viscosity does not affect discharge volume, but may affect system pressure.

Technical Data

Reservoir Capacity	1 liter
Lubricator Inlet Filter	40 micron particle separation
Discharge Pressure	65 psi maximum
Factory Discharge Setting	18cc
Discharge Volume Per Stroke	6 to 18cc infinitely adjustable
Viscosity range	150 to 8,000 SSU at operating temperature



Notes Regarding Use

1. Lubricator inlet filter should be inspected periodically and cleaned/replaced as required.
2. Discharge pressure will decrease as discharge volume decreases and the number of meter units in the system increases.

System & Limitations

Use Type F meter units. Do not exceed 70 meter units. To calculate system flow (\emptyset), refer to *Bijur Engineering Manual*. Do not exceed figures shown below.

Maximum Permissible Total System Flow (\emptyset)

CC Per Shot <input type="checkbox"/>	6	9	12	15	18	
Stroke Setting <input type="checkbox"/>	15/64"	23/64"	31/64"	19/32"	23/32"	
Meter Units (#)	15	1750	2400	2900	3500	
	20	1500	1800	2200	2600	3400
	25	1230	1450	1700	2000	2500
	30	950	1150	1400	1700	2100
	40	780	930	1100	1300	1600
	50	640	770	920	1100	1400
	60	570	680	810	960	1200
	70	500	600	720	860	1080

Startup Instructions

Fill reservoir; operate lubricator until oil flows freely at all bearings.

BIJUR DELIMON INTERNATIONAL

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 Morrisville, NC 27560

Maintenance

Filter Replacement

A filter at pump inlet protects the lubricating system and should be inspected every six months. If not clean, replace. To remove filter, pry out snap ring with screwdriver and remove filter disc and screens. To re-install, insert in the following order: filter disc support (coarse screen), filter disc screen (fine screen), filter disc, filter clamp ring and filter snap ring.

ATTENTION

Use clean oil only of the type and viscosity recommended by machine manufacturer.

ATTENTION

Replace filter group annually.

How to Order

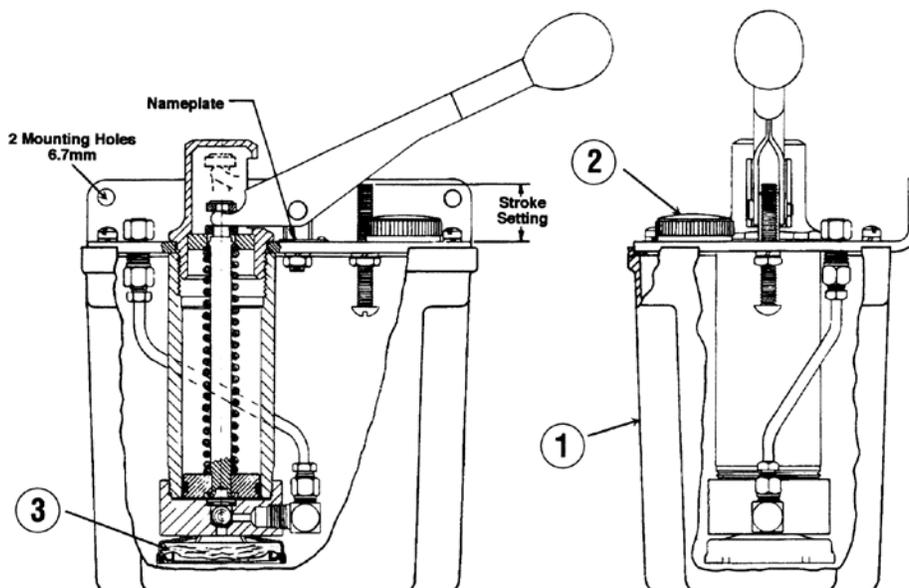
Name	Handle Orientation	Part #
Lubricator L18P-R	right	D3033C
Lubricator L18P-L	left	D3217C

When ordering, specify name, description and part number, e.g. Lubricator L18P-R, Right Hand, Part #D3033C.

Service Parts

Order by part number and name shown in table. Include complete part number and serial letters as shown on the nameplate. Example: S109 Filter Group for Lubricator D3033C Serial ID. For major repairs requiring parts not identified on the drawing, return lubricator for factory rebuilding and adjustment. All identified parts are identical for both L18P-R (right hand) and L18P-L (left hand) operation. If a new lubricator is required for replacement, order by part number and serial letters shown on nameplate.

Item	Part #	Description
1	20324-KIT	Reservoir Assembly Group
2	B9230C	Filler Cap
3	S109	Filter Group



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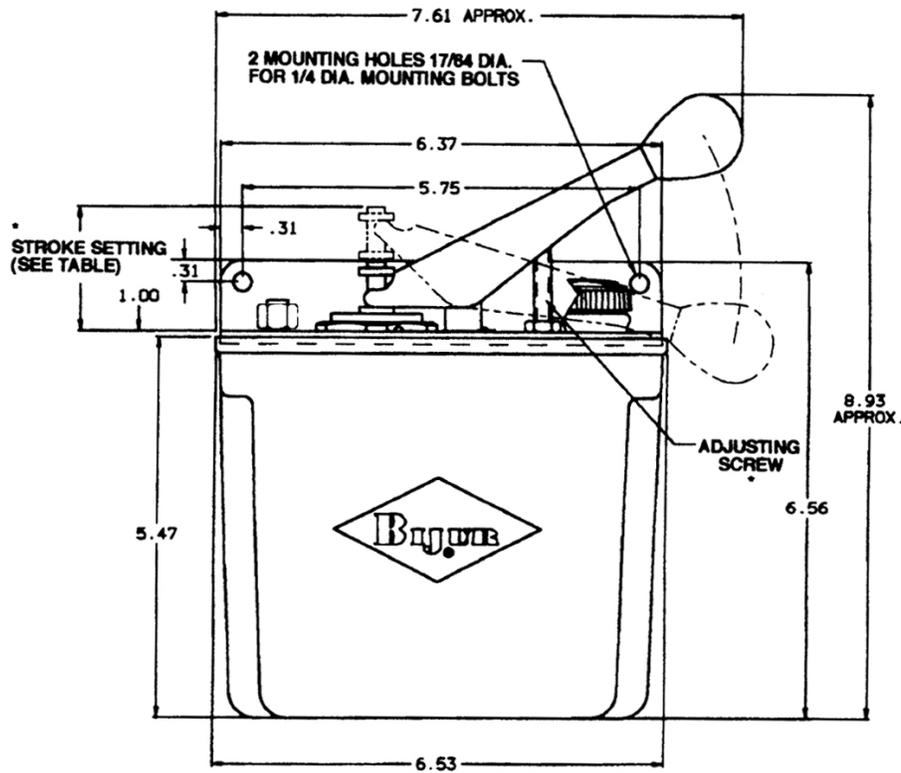
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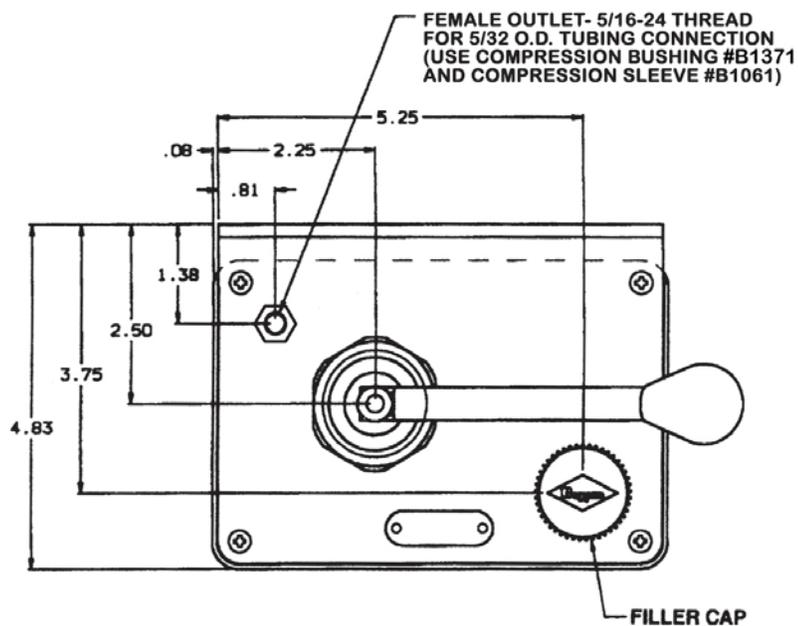
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Dimensional Schematic

Front View



Top View



Measurements shown in inches.

Illustrations are not binding in detail.
Designs are subject to modification and improvement without notice.

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