

# SKA881 Lubricator

## Pneumatic Reciprocating, Grease & Oil

### General

The SKA881 Lubricator is an air-operated pneumatic reciprocating lubricator that discharges a fixed amount of lubricant into systems during a lubrication cycle. It includes a transparent reservoir, spring loaded follower grease models, vent valve assembly and a filler fitting for refilling of grease reservoir. Oil Models have a flip cap.

### Operation

As compressed air is introduced into the lubricator, the piston moves forward, forcing lubricant out of the lubricator. The air valve is then automatically triggered, causing the piston to change direction and move to its original position. The system is now ready for lubricant to be drawn into the cavity. Compressed air is introduced to the system again and the cycle repeats itself.

### Application

The SKA881 Lubricator is designed to work with positive displacement injectors, such as FL series injectors.

### Features

- + High output pressure that can be controlled by regulated air supply pressure.

### Technical Data

Reservoir Capacity	Grease	2.5 & 5 liter (5 & 10 lb)
	Oil	2.25 & 5 liter (2.5 & 5.5 qt)
Lubricant Range	Grease	NLGI grade 000-2
	Oil	ISO-8000 SSU (32-1700 cSt)
Outlet Pressure Range	3000 psi (200 bar) max	
Pressure Ratio	30:1	
Output/Min @ 100 psi air	90cc (5.5 cu. in.)	
Air Consumption @ 100 psi	0.1 m³/min or 3.5 cubic feet per minute (approximately 104 piston strokes per minute)	
Air Inlet	1/8" NPTF(F)	
Lube Outlet	1/4" NPTF(F)	
Air Supply Pressure Range	40-100 psi (3-7 bar)	
Reservoir Material	Translucent acrylic & Steel	
Note: Lubricator requires a 3-way solenoid air valve.		



SKA881 Lubricator- Grease Version

Refer to the following documents:

- + *ExactoServe Catalog #414:*  
*Injectors and accessories*

#### BIJUR DELIMON INTERNATIONAL

(919) 465 4448 LOCAL  
(800) 631 0168 TOLL-FREE  
(919) 465 0516 FAX

[WWW.BIJURDELIMON.COM](http://WWW.BIJURDELIMON.COM)

2100 Gateway Centre Blvd., Suite 109  
Morrisville, NC 27560

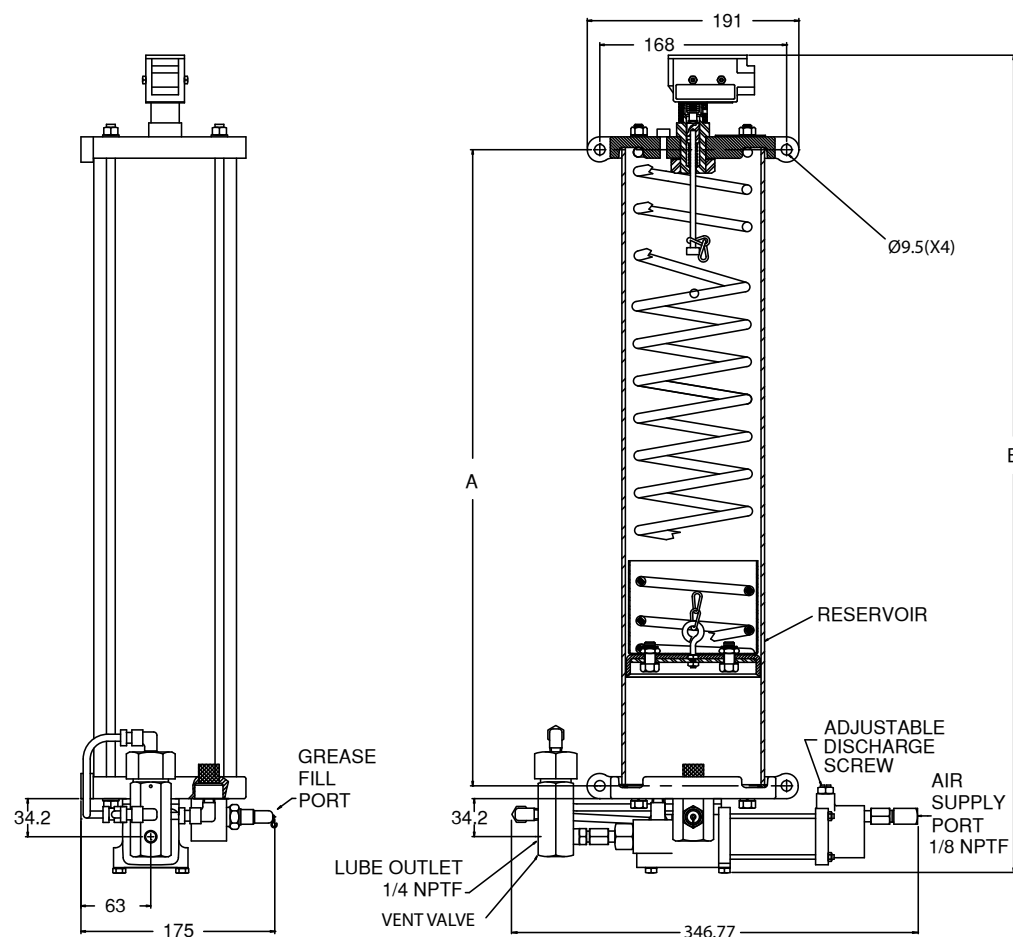
## How To Order Grease Models

Name	Complete Part #	Low Level Switch	Reservoir Size/Type	Reservoir Part #
SKA881 Lubricator Grease	32005-2	Yes	2.5L (5 lb) Steel	T30S5AC
	32005-4	Yes	2.5L (5 lb) Plastic	T30P5AC
	32005-8	Yes	5L (10 lb) Plastic	T32P5AC

When ordering, specify by name, lubricant, low level switch and part number, e.g. SKA881 Lubricator, 2.5 liter Grease, Low Level Switch, Part #32005-4.

## Dimensional Schematics

### Grease



Measurements shown in millimeters.

### Replacement Parts:

- + Grease Low Level Switch:  
p.n. 30544
- + Pump: p.n. 33457
- + Vent Valve: p.n. 27708

Dimensions	2.5 L Steel LLS	2.5 L Plastic LLS	5.0 L LLS
A	395	395	573
B	623	623	801

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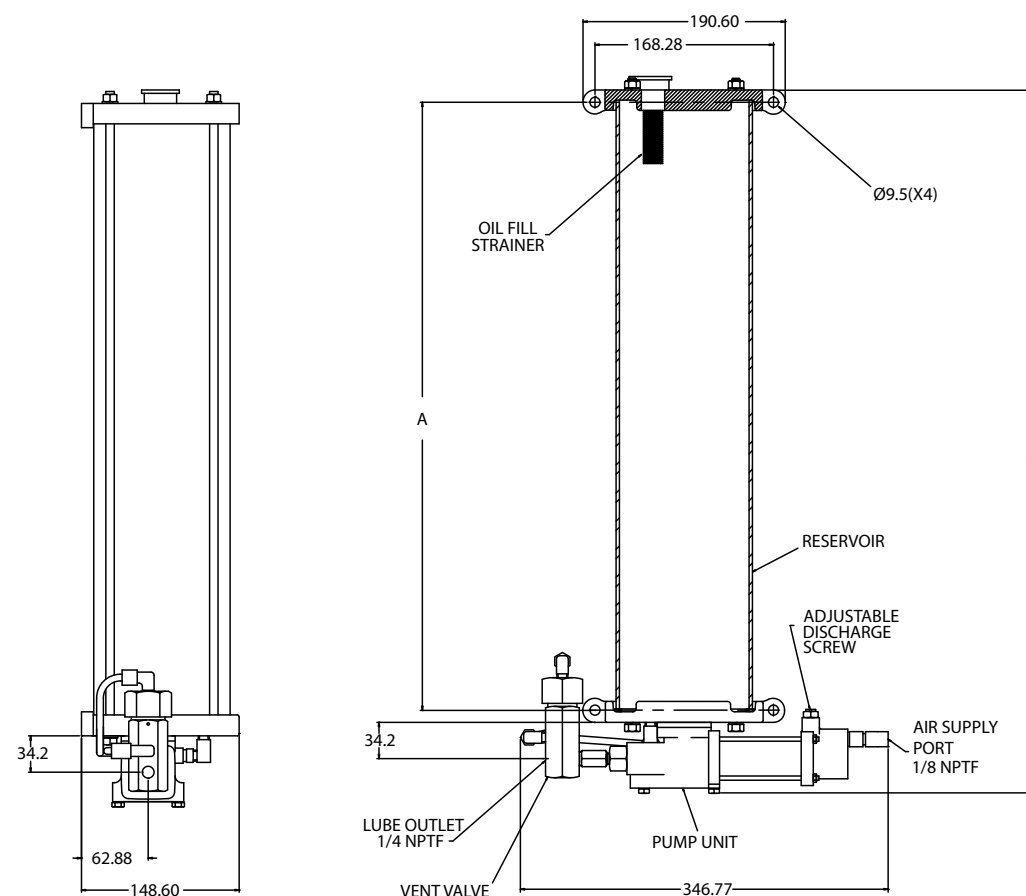
## How To Order Oil Models

Name	Complete Part #	Low Level Switch	Reservoir Size/Type	Reservoir Part #
SKA881 Lubricator	32069-15	No	2.25L (2.5 qt) Plastic	T30P4BC
Oil	32069-7	No	5.5L (6 qt) Plastic	T32P4BC

When ordering, specify by name, lubricant, low level switch and part number, e.g. SKA881 Lubricator, 5.5 liter Oil, Part #32069-7.

## Dimensional Schematics

### Oil



Measurements shown in millimeters.

### Replacement Parts:

- + Pump: p.n. 33457
- + Vent valve: p.n. 27708
- + Oil Fill Strainer: p.n. T30S10154B
- + Oil Low Level Switch:  
p.n. FT15721C8

Dimensions	2.25 L	5.5 L
A	232	573
B	396	737

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