

# SK-505 Lubricator

## Motor-driven, Semi-fluid Greases

### General

The SK-505 lubricator is a piston discharge pump activated by a small direct current 24 Volt(DC) electric motor. SK-505 Model B has a discharge pressure of 2100 psi.

### Application

This model is normally used with progressive divider blocks for small and medium sized systems (refer to *Brochure #166 - Progressive Lubricating Systems*). The outlet port has a 1/4" BSPP thread for use with inverse flare fittings. Use adapter #20331 and seal #35010 to adapt to 1/8" NPT female threads.



### Technical Data

Lubricant	NLGI 000, 00 and 0
Reservoir	Clear plastic with follower plate
Reservoir Capacity	0.4 liter (400cc), 1.0 liter (1000cc)
"ON" Time (max.)	5 minutes
"OFF" Time (min.)	5 minutes
Pump Output	Approx. 13cc/min at 0 psi; Approx. 6cc/min at 2100 psi (150 kg/cm <sup>2</sup> )
Motor Current	No Load = 0.8 amps, Stalled ≤ 3.0 A
Temperature Range	30° - 100°F (-1° - 38°C)

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## Operation

### Filling Grease Reservoir

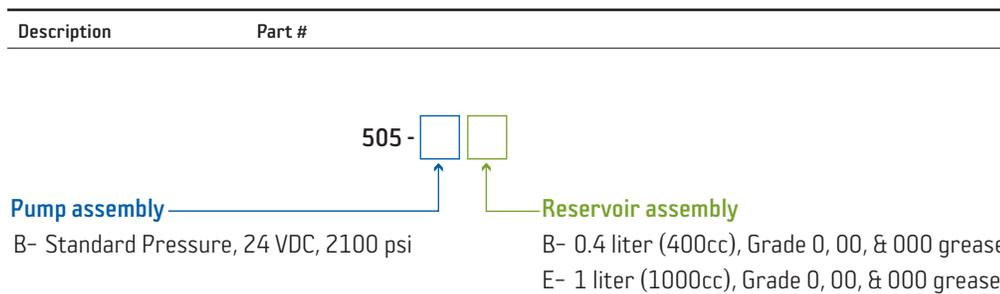
Do not fill from top – always fill reservoir with clean grease through the standard zerk grease fitting located in lower housing. This action minimizes introduction of air pockets into lubricator and centralized distribution system.

## How To Order

Various pump assemblies, specifications and reservoirs are shown below. Construct the ordering designation for the SK-505 lubricator you require by inserting the individual codes for the required parts. Refer to example of ordering sequence shown below:

**Example:** Part number 505-BE would represent a 24 VDC, 2100 psi lubricator assembly complete with a 1 liter reservoir for use with grease not exceeding NLGI No. 0.

### Service Parts



Reservoir B	44283500
Reservoir E	44278900
Pump/Motor Assembly	44990700
Zerk fitting	19448

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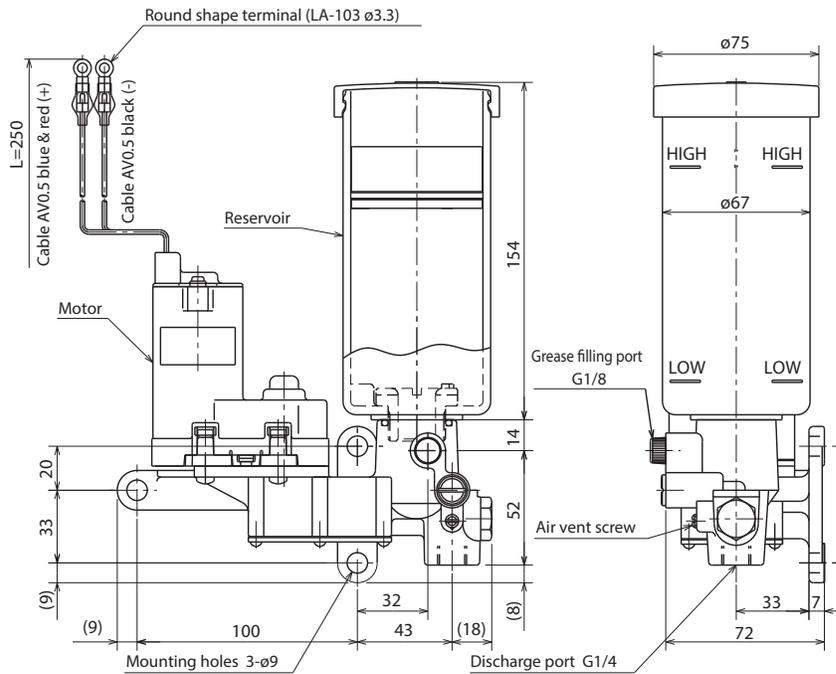
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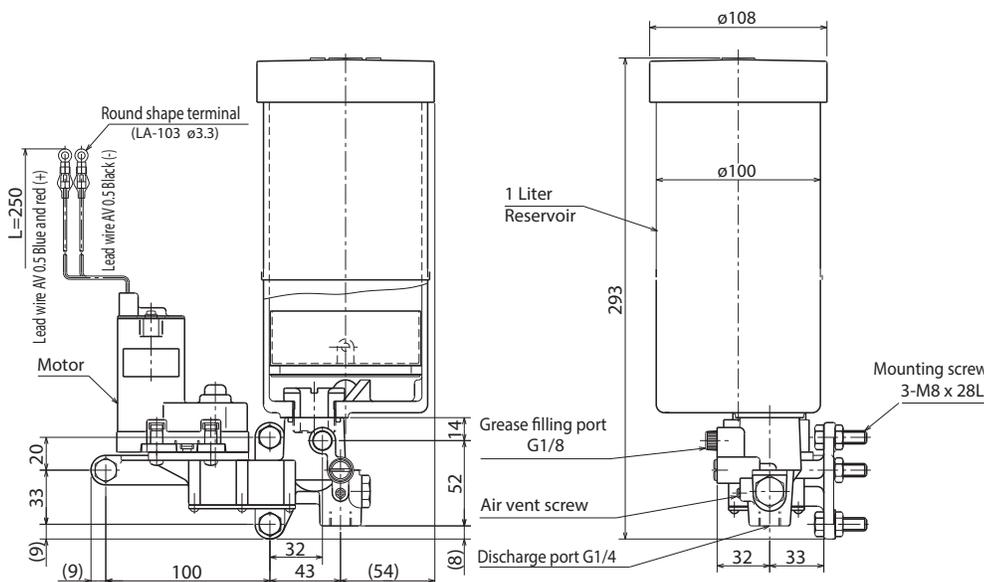
## Dimensional Schematics

Measurements shown in millimeters.

### 0.4 Liter (400cc) Reservoir



### 1.0 Liter (1000cc) Reservoir



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