

BL Lubricator

Motor-driven, Fluid Grease

General

The BL Lubricator is a motor driven gear pump available with either a 12 or 24 VDC motor. These lubricators are fitted to 3 liter reservoirs and are designed primarily for use with mobile equipment. BL Lubricators are normally used in conjunction with VXLO Indirect Injectors mounted throughout the distribution network. A remote controller (SMDC, sold separately) is used to program and monitor lubrication intervals. Multiple points of lubrication can be achieved with this gear pump using NLGI grade 00 and NLGI grade 000 greases.

Operation

Power to the motor drives the gear pump which delivers fluid grease to the distribution system. Pressure is limited to 580 psi (40 bar) by way of an internal relief valve. Once proper system pressure is obtained (by pressure switch activation or programmed run time) the motor and gear pump is stopped, allowing system pressure to vent through the pumps control valve.

Technical Data

Reservoir Capacity	3 liter
Fluid Grease Range	NLGI grade 000-00
Maximum Pressure	580 psi (40 bar)
Discharge	120 cc/min. (7.3 in ³ /min)
Motor Voltage	12 VDC, 24 VDC
Power	40 W
Outlet	M16 x 1.5
Temperature Range	-20°C(-4°F) to +75°C(167°F)
Duty Cycle	10%

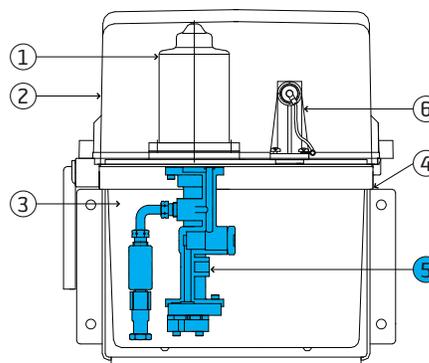
How To Order

Name	Reservoir Capacity	Voltage	Part #
BL3 Lubricator	3 liter	12 VDC	53570-1E
		24 VDC	53570-2E

When ordering, specify by name, description and part number, e.g. BL3 Lubricator, 3 liter, 12 VDC, Part #53570-1E.

Service Parts

Item #	Description	Part #
1	Motor: 12 VDC	67587-2
	Motor: 24 VDC	67587-1
2	Cover assembly	67415
3	Reservoir	43380-4E
4	Reservoir gasket	43383
5	Pump assembly	56927
6	Fill strainer	47575



Refer to the following datasheets:

- + Datasheet #35584: VXLO Injector
- + Datasheet #35744: Fill Pumps
- + Datasheet #46911: SMDC Controller

ATTENTION

Pump is supplied with a 7 meter long WP wiring cable assembly. For other accessories, see Brochure #35544: Mobile Accessories Catalog

BIJUR DELIMON INTERNATIONAL

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

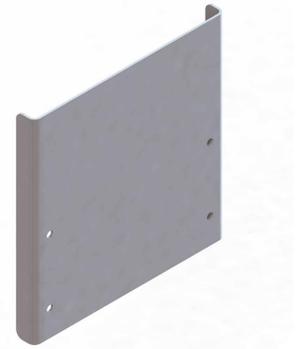
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Accessories

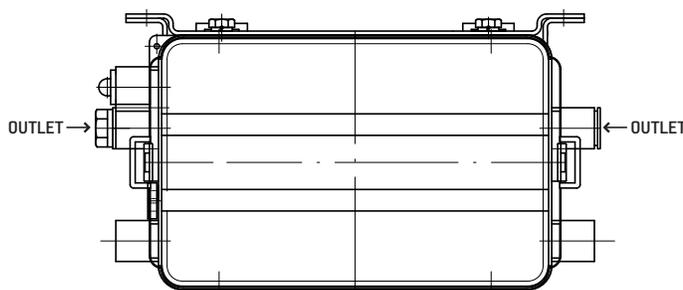
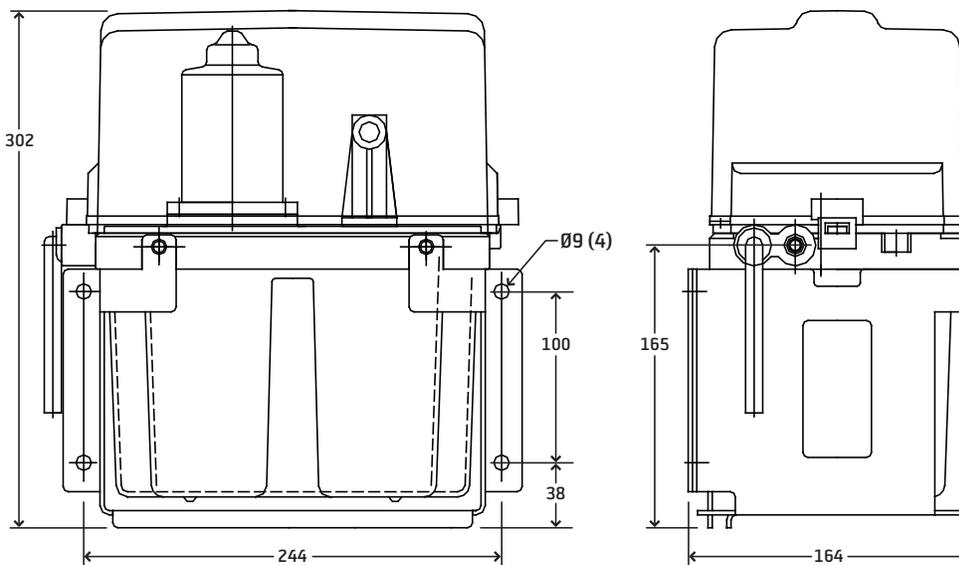
Measurements shown in millimeters.

Name	Part #
BL3 Lubricator pump mounting bracket 11-34" X 12" X 1-1/8"	55389
Pressure gauge kit	36416



Pump Mounting Bracket 55389

Dimensional Schematics



Wiring

Lubricator Motor Wires

Brown "+"

Blue "-"

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