

CHARACTERISTICS

- **OUTPUT:**
2 CM³ PER FULL OPERATION;
- **PRESSURE:**
5 BAR (0,5 MPA);
- **RESERVOIR:**
200 CM³ SEMI TRANSPARENT;
- **SUCTION FILTER:**
40 MICRON;
- **OUTPUT PORT:**
1/8" BSP – UNI ISO 7/1;
- **COMPATIBLE FLUIDS:**
VEGETABLE OIL, MINERAL OIL, SILICON OILS, INK;
- **VISCOSITY:**
MIN 100 cST
MAX 250 cST.

APPLICATIONS

- SINGLE LINE ORIFICE TYPE (01) LUBRICATION SYSTEMS.

TWO-OUTLET MANUAL PUMP WITH BUILT-IN FLOW REGULATOR

Mechanically operated pistons pump for single line orifice type (01) lubrication systems. Installing the pump in a central position in the system allows the user to extend the reach of the system with equal tubing length on either side. The pump can also be operated with a single outlet by simply plugging the second outlet.

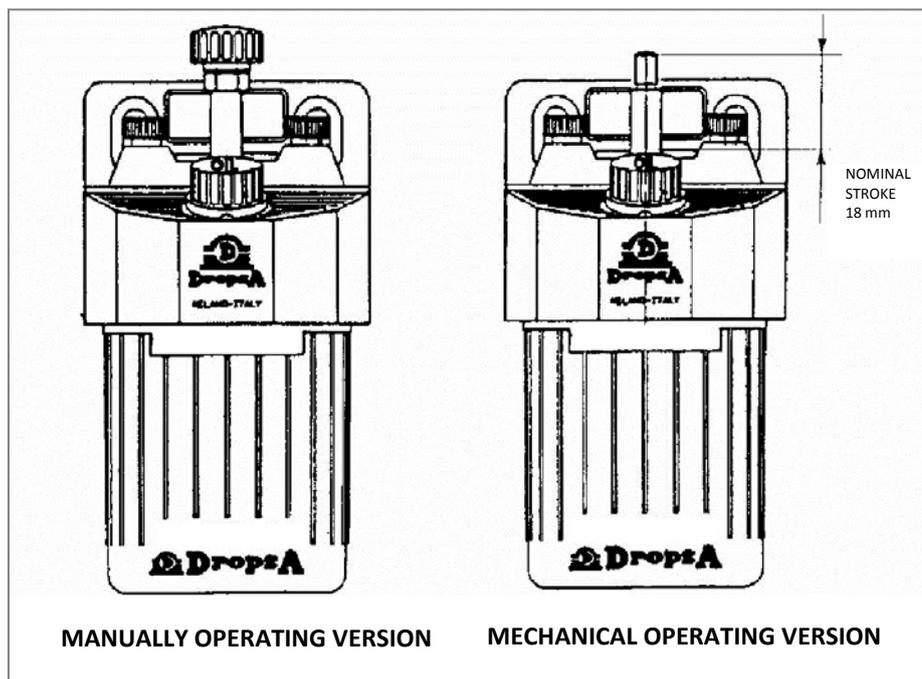
216035 Manually operated version.

The pump is operated by pressing the centrally-located handle. This action fills the delivery chamber with lubricant and a spring return generates the pressure to distribute the oil in the lubrication lines.

216055 Pump for mechanical cam or lever operation.

The pump is operated by activating the central rod identical to the manual version. This is done by located a lever or cam arrangements.

Each 1 mm of stroke corresponds to 0.11 cm³ of output. The pump has a built in safety valve to avoid over pressurization that may be a result of blocked tubes.



TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS	
Pressure	5 bar (0,5 Mpa)
Reservoir	200 cm ³ semi transparent
Flow rate	2 cm ³ per stroke
Output port	Rp 1/8" – UNI ISO 7/1
Suction filter	40 micron
Lubricants	Oil - min 100 cSt max 250 cSt



MANUAL PUMP

OPERATION

By pressing handle (1), the spring (6) is loaded as the piston (5) is displaced. The Fluid contained in the lower chamber (7) is injected into via the conduit (4) and the check valve (3) into the upper output chamber. When the handle is released, the spring (6) pusher the piston (5) back to its starting position delivering lubricant to the outlets (2 and 9). At the same time the lower chamber (7) is re-primed via the check valve (8).
 Note: if the handle returns to its start position quickly it is indicative of no oil in the tank or a broken lubrication line.

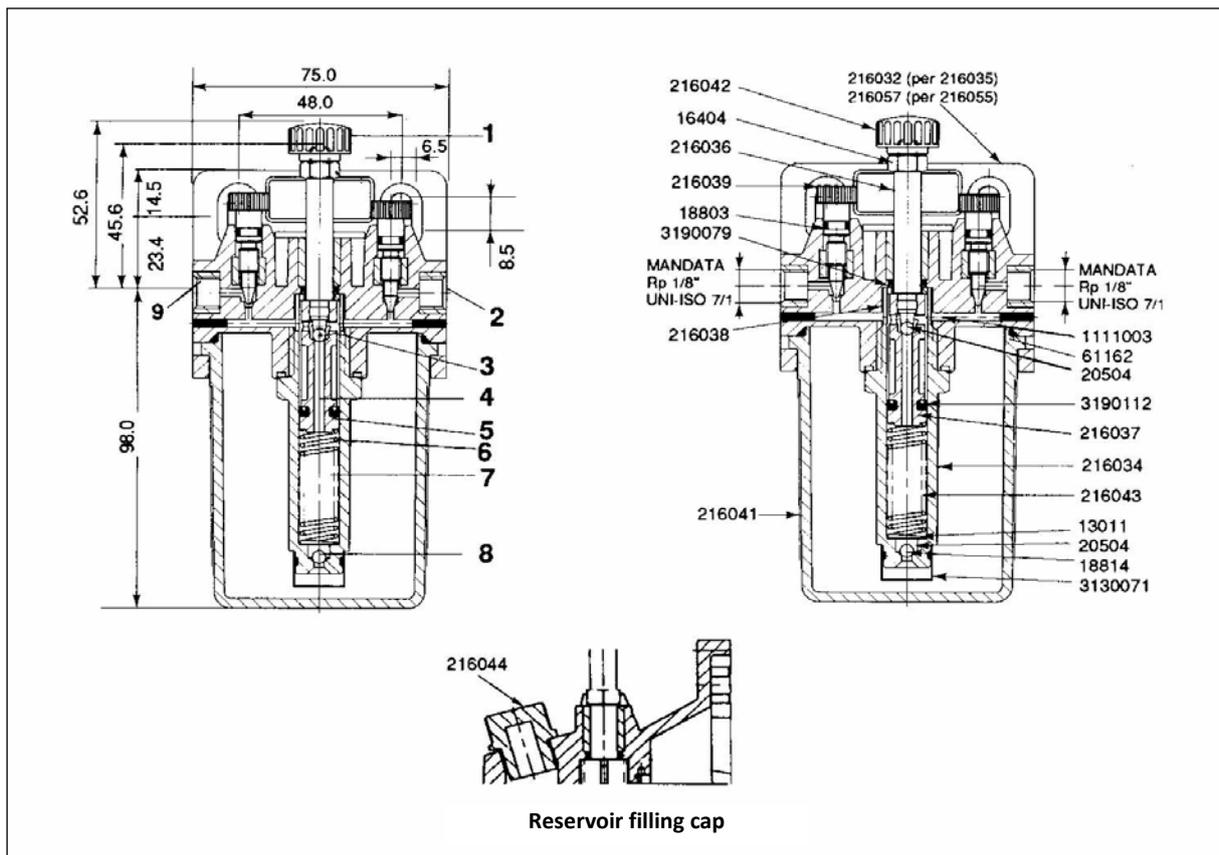
INSTALLATION / START UP / PRIMING

Fill the tank. Activate the handle numerous times until lubricant can be seen coming from the outlets.
 Note: During installation, priming the pump can be assisted by closing the outlets.

MAINTENANCE

Periodically check the Filter for blockage. Clean as necessary
 To access and remove the filter twist the reservoir anti-clockwise (bayonet type fitting).

DIMENSIONS



ORDERING INFORMATION

DESCRIPTION	PART No.
Manual pump 22 cc By-pass	0216035
Manual pump 22 cc Cam	0216055

7179280 WK 35/17

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