

## Characteristics

- **Delivery:**  
3.4 cm<sup>3</sup> for each forward and return movement of the control lever;
- **Pressure:**  
30 ÷ 150 bar  
(0.5 Mpa);
- **Line inversion:**  
120 bar;
- **Lubricant:**  
Oil min. 15 cSt  
Grease (refer to table);
- **Reservoir:**  
1.2 and 5 litre;
- **Pressure gauge:**  
0÷250 bar;
- **Hydraulic inverter:**  
equipe with two valves for the control of pressure inversion.  
Adjustable from 30 to 150 bar;
- **Outlet:**  
3/8" UNI-ISO 228/1  
(3/8 Gas.);
- **Reservoir inlet:**  
½" A UNI-ISO 228/1 (1/2 Gas.).

## Manual pumps Series 156000 for oil or grease

A range of manually operated pumps for use with dual line lubrication systems. The pumps are equipped with a built in reversing device.

They are suitable for either oil or grease with a lubricant discharge of 3,4 cc. For each forward and return movement of the control lever. The pressure range is adjustable from 30 to 150 bar. Outlets are 2 3/8" BSP flat sealing outlet holes.

The lower body of the pump is made of galvanised steel. The piston and the small piston valves are of hardened and lapped steel. The valves which control the inversion pressure are adjustable over a range of 30 to 150 bar.

The pump body support is made of cast aluminium alloy.

The hardened and lapped steel piston is activated by a shrunk-on lever on the handle with stub coupling.

The double-acting piston is controlled by small piston valves.

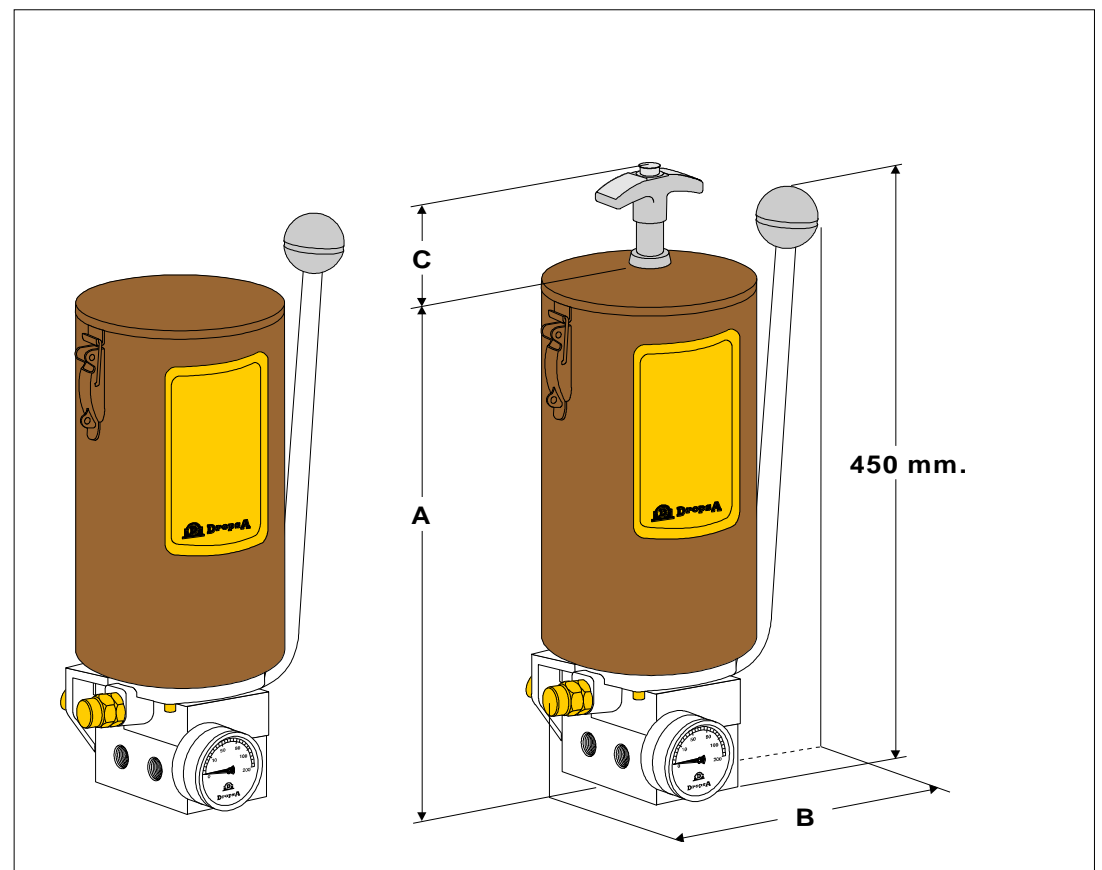
Line inversion occurs automatically and is indicated by the following:

- increased resistance of the operating lever.
- zero-set on the pressure gauge.

The small pistons alternately come out from the pressure controlling valves.



## Dimensions (refer to the table below)



## Applications

- For use with dual line lubrication systems.

## Contacts

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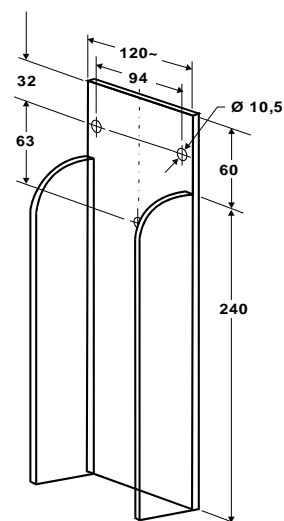
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## Manual pumps Series 156000 for oil or grease

### Order Informations

COME ORDINARE							
PUMPS FOR OIL							
Pump with reservoir	Oil Litre	Weight Kg.	Note	Dimensions mm.			
				A	B	C	
156080	5	7.8	Reservoir with visual level indicator	420	275	---	
156085	1	5.8	Reservoir without visual level indicator	310	199	---	
156090	2	6	Reservoir with visual level indicator	459	199	---	
PUMPS FOR GREASE							
Pump with reservoir	Grease Kg.	Weight Kg.	Note	Type of Grease	Dimensions mm.		
					A	B	C
156060	5	12	Reservoir with follower plate	NLGI 1	530	282	80 ÷ 230
156065	1	6,2	Reservoir with follower plate	NLGI 1	313	205	20 ÷ 182
156070	2	8.6	Reservoir with follower plate and stem	NLGI 2	515	220.5	54 ÷ 355
156075	2	9.6	Reservoir with rapid filling fitting	NLGI 1	535	220.5	8.5 ÷ 23
156095	1	7.2	Reservoir with follower plate and stem	NLGI 2	305	220.5	53 ÷ 158

### ACCESSORIES

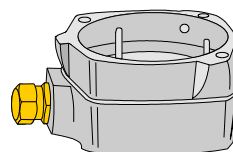
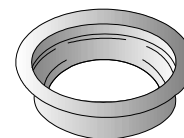


#### Mounting Plate

For fixing 156000 series pumps.

U-welded plate **Part No. 111580**  
Weight: 3.70 Kg.

Only for  
Part. No.156075 pump



Filling Socket.

To fill reservoir **Part No. 1815000.**

**Part. No. 1142000**  
Weight: 2.6 Kg.