



DESCRIPTION

Manual control pumps with 300 cm³ tank, designed to supply a centralized lubrication system, **operating with oil and fluid grease**, employing **direct action** volume metering valves. It is the minimum unit of the system. A steel body holding the pumping piston; on top of it a 0.3 lt tank, with a follower plate, suitable to facilitate the suction of the lubricant, a rectangular flange with 4 holes for wall fastening, and a control lever with a thermoplastic handle. It is also equipped with a **pressure indicator S** and a **release button R** for manual decompression of the system.

OPERATION

This type of pump works by **operating** the lever **several times** (lever **shots**), until an increase in resistance is noticed, and the **indicator S** pops out. The **decompression** phase will now take place in the system. In this kind of pump, that phase has to be induced manually by the user, by operating the **release button R**.

Once decompression has taken place, the **button R** is to be put back in place, in order to prevent lubricant from flowing back. The system is now pausing, ready for another lubrication cycle.

FLOW RATE

Flow rate for this kind of pumps is **1 cm³/shot**.

LUBRICANTS

Oils with viscosity between 20 and 1500 cSt. and fluid greases, class **00-000**, with penetration index between **400** and **475** **ASTM**, also pumpable at low temperatures.

OPERATING PRESSURE

Typically ranges between **25** and **35 bar**.

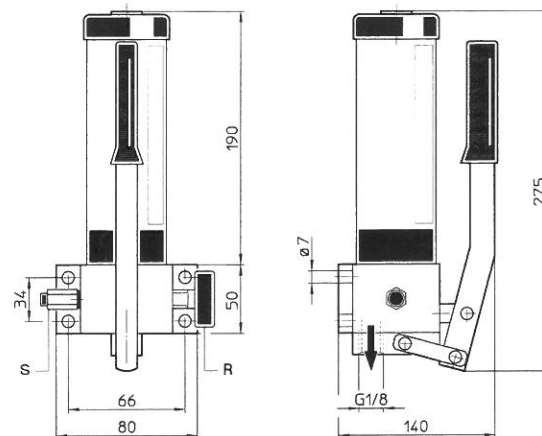


Fig. 1 - Oil version

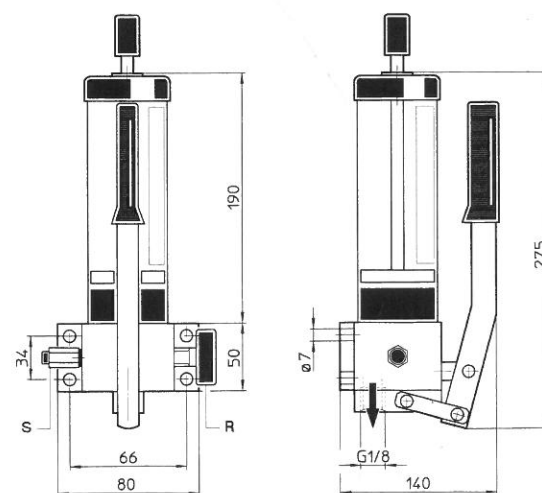


Fig. 2 - Fluid grease version

TYPES AND FEATURES

Code	Symbol	Tank	Fig.
62978	PM 0310	300 cc	1
62880	PMG 03	300 cc	2

FITTINGS, GASKETS AND BUSHES

D6

Code	Symbol	Description
95156	RD 628	Bush G 1/8 x 6mm
90422	RB 63	Fitting G 1/8 x 6mm
90560	B 60	Double-pipe 6 mm dia.
90796	RA 45	Gasket 10.2x12.6x1.5

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Code	Symbol	Description
91230	RD 1882	Bush G 1/8 x 8mm
90482	RB 82	Fitting G 1/8 x 8mm
90682	B 82A	Double-pipe 8 mm dia.
90796	RA 45	Gasket 10.2x12.6x1.5