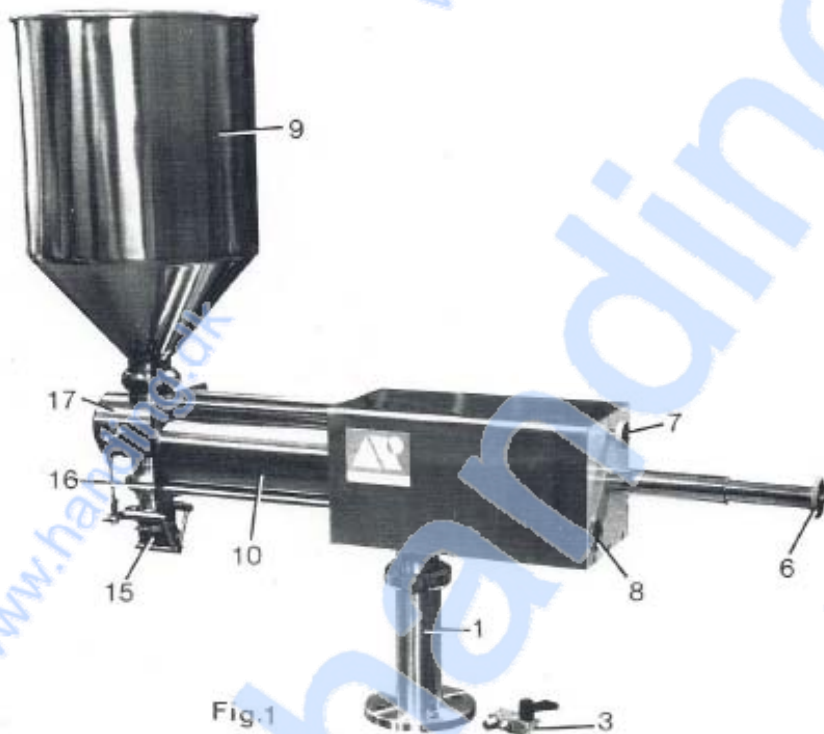




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PNEUMATIC PISTON-TYPE FILLER

LKF, type 70, 101, 102 and 250



INSTALLATION

Install the base 1 (fig 1) on or beside the packing machine or the conveyor belt. The filler is to be placed so that it is correctly placed in relation to the package to be filled.

Install the pressure regulator and the oil mist lubrication device (fig 2) at a suitable place as close to the filler as possible. Connect a 1/4" air hose to the connection of the pressure regulator 2 (fig 2). From this there is a 8 mm air hose to the hand valve 3 (fig 1), from which there are two air hoses: one 8 mm which supplies compressed air for the working of the filler and one 6 mm which is for the control of the filler.

Install the hand valve 3 (fig 1) in such a way that each package is filled at the right moment. The release valve can be mechanical or electric, according to wish and need.

TO OBSERVE BEFORE START

Open and adjust the hand valve 4 (fig 2) so that the pressure gauge 5 (fig 2) shows 6 kg/cm².

Accommodate the right volume and filling speed.

The volume is adjusted with the wheel 6 (fig 1). If the wheel is screwed inwards the volume is reduced, if unscrewed the volume is increased.



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LKF type 101

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The speed is adjusted with the wheel 7 (fig 1). The working pressure is read on the pressure gauge 8 (fig 1).

Fill product in the funnel 9 (fig 1) and fill the product barrel 10 (fig 1) by means of a few disengagings with the hand valve 3 (fig 1).

Do some test fillings and measure or weigh these and change the adjustments as above until the right volume and speed have been achieved.

Adjustment of speed and volume can be done during operation.

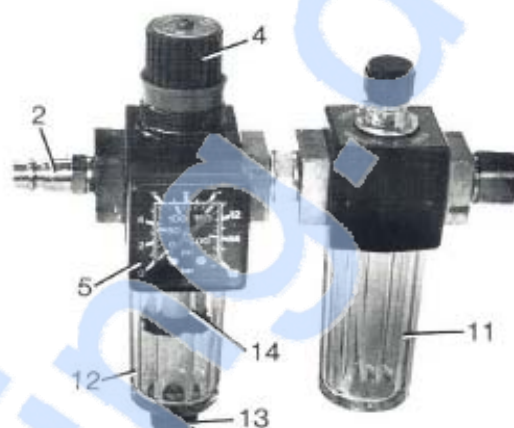


Fig.2

MAINTENANCE

1 Oil mist lubrication

Control daily:

- 1.1 That there is oil in the oil mist lubricator 11 (fig 2).
When necessary oil with viscosity 28⁰ - 29⁰ E at 50⁰ C is refilled.
- 1.2 That the air filter 12 (fig 2) is drained by the valve 13 (fig 2).
Clean the filter 14 (fig 2) once a month, preferably by means of blowing.

The ball valves are always to be adjusted with air pressure and when being adjusted they are not to be put hard against the outlet cup. When filling a viscous product and a re-suction is wanted in order to prevent dripping, the ball is so adjusted that an opening is left to the outlet cup of the filler.

CLEANING

When cleaning, remove the valve 9 (fig 1) and the nozzle 15 (fig 1). The four nuts 16 (fig 1) are screwed out. The valve system 17 (fig 1) can then easily be removed. The cylinder tube 10 (fig 1) is taken away and the piston cups are dismantled by loosening the top nut on the piston rod. Put all in cleaning fluid.

Note that the cylinder tube has a chamfered end, which is to be faced against the filling station. The meaning of the chamfer is to prevent damage of the cups when installing the cylinder tube.



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