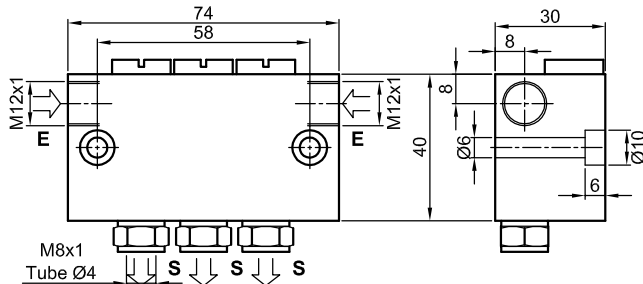


Dimensions



		Number of outlets					
		1	2	3	4	5	6
L		24	41	58	75	92	109
L1		40	57	74	91	108	125

INDIRECT ACTING VOLUMETRIC DOSING METERS FOR OIL

VE14/B

194.000.000

Application

For lubricant dosage from an intermittent drive system pump in single line central lubrication systems.

The pump creates pressure within the main line and feeds the distributors that at each cycle dose a definite quantity of fluid up to the lubrication points.

Lubricant flow rates for the different points are determined with the screw doser. The total demand for lubricant (cm³/hour) can also be adjusted through the frequency of lubrication.

They are supplied as distributor blocks of 1 and up to 6 outlets.

Technical characteristics

Lubricant mineral and synthetic oils
 Viscosity 32 ÷ 1000 mm²/sec
 Flow rate..... 0,1 ÷ 1 cm³/pulse
 Working pressure 10 ÷ 30 bar
 Decompression <1,5 bar
 Working temperature 0°c ÷ +70°c

Operation

Initial position (Fig. 1)

The piston is in resting position. The flow that comes from the main line presses the non-return valve blocking the outlet to the lubrication point.

Load of the flow to be dosed (Fig. 2)

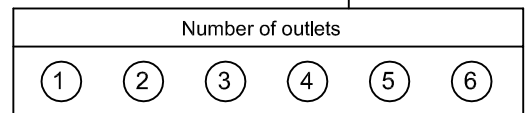
The pump creates pressure and compresses the non-return valve letting the lubricant pass through to the piston chamber. It moves against the spring until the stop against the screw doser (the quantity of lubricant flow dosed depends on the length of the screw).

Dosage and end of cycle (Fig. 3)

The pump stops turning and together with the decompression within the main line the non-return valve blocks the inlet hole connecting the stored lubricant to the outlet. The spring moves the piston expelling the oil to the lubrication point.

References

VE14 / B - 0 / (X)



Reference	Index	Flow rate
194055000	0	0 cm ³
194060000	1	0.1 cm ³
194065000	2	0.2 cm ³
194070000	4	0.4 cm ³
194075000	7	0.7 cm ³
194080000	9	1.0 cm ³

