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Standard oil-mist lubricator, Series NL6-LBS

- G 3/4
- suitable for ATEX

Version	Oil-mist lubricator, Can be assembled into blocks
Parts	Standard oil-mist lubricator
Mounting orientation	vertical
Certificates	suitable for ATEX
Working pressure min./max.	0,5 ... 16 bar
Ambient temperature min./max.	-10 ... 60 °C
Medium temperature min./max.	-10 ... 60 °C
Medium	Compressed air Neutral gases
Lubricator reservoir volume	450 cm³
Type of filling	Manual oil filling
Weight	See table

Technical data

Part No.	Port	Nominal flow Qn	Reservoir	Protective guard	Weight
0821301801	G 3/4	18000 l/min	Polycarbonate	-	1,5 kg
0821301802	G 3/4	18000 l/min	Polycarbonate	Steel	1,6 kg
0821301803	G 3/4	18000 l/min	Die cast zinc with window	-	1,8 kg
0821301804	G 1	18000 l/min	Polycarbonate	-	1,5 kg
0821301805	G 1	18000 l/min	Polycarbonate	Steel	1,6 kg
0821301806	G 1	18000 l/min	Die cast zinc with window	-	1,8 kg

Technical information

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
The entire preset drip quantity enters the pressure system
Manual oil filling possible during operation
Suitable for use in Ex zones 1, 2, 21, 22
Note: Polycarbonate reservoirs are susceptible to solvents, supplementary information can be found at "Customer information".
A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Oil dosing at 1000 l/min 1-2 drops

Technical information

Material	
Housing	Die-cast aluminum
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Reservoir	Polycarbonate Die cast zinc

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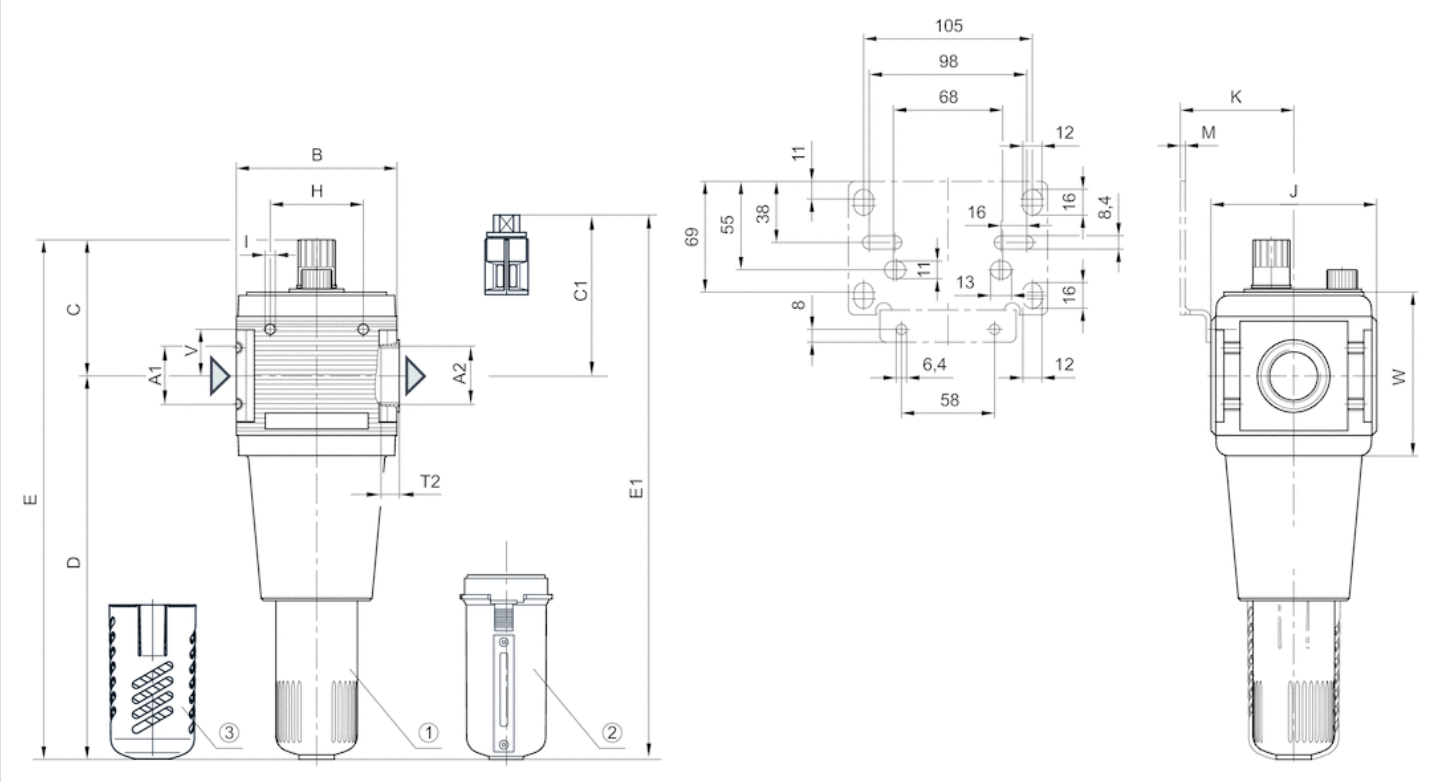
Material	
Protective guard	Steel

Dimensions

Dimensions



A1 = inputA2 = output
1) PC reservoir
2) Metal reservoir with inspection glass
3) metal protective guard

Dimensions in mm

A1	A2	B	C	C1	D	E	E1	H	I	J	K	M	T2	V	W
G 3/4	G 3/4	100	85	-	238	321	-	58	M6	103	70.5	3	18	29	101.5
G 3/4	G 3/4	100	85	-	238	321	-	58	M6	103	70.5	3	18	29	101.5
G 3/4	G 3/4	100	85	100	238	321	336,5	58	M6	103	70.5	3	18	29	101.5
G 1	G 1	100	85	-	238	321	-	58	M6	103	70.5	3	18	29	101.5
G 1	G 1	100	85	100	238	321	336,5	58	M6	103	70.5	3	18	29	101.5

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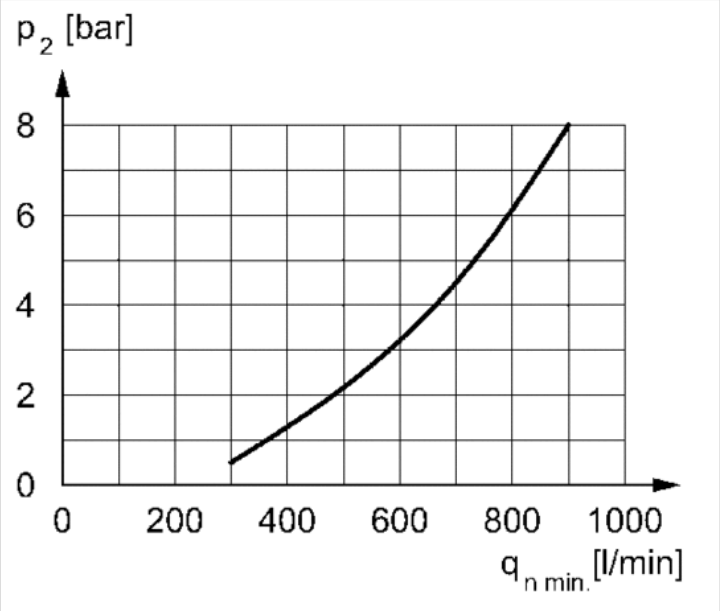
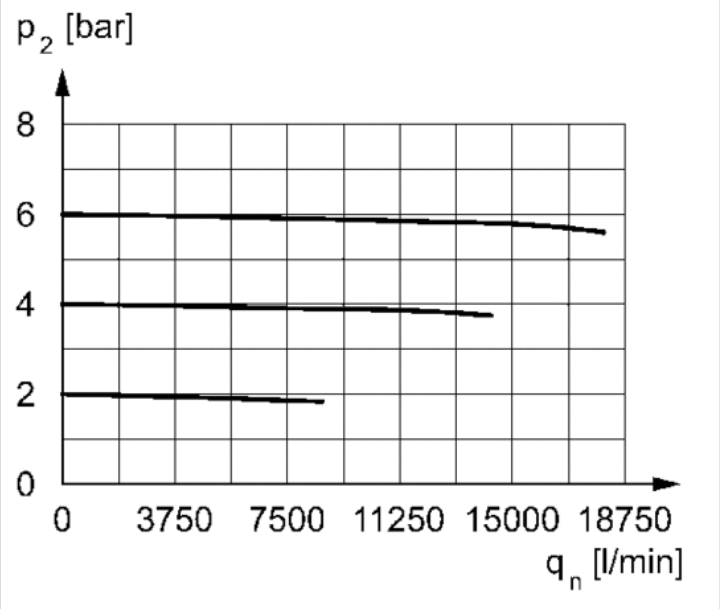
Diagrams

minimum flow rate curve (flow rate necessary for the correct functioning of the lubricator)



p2 = secondary pressureqnmin. = min. nominal flow

Flow rate characteristic



p2 = secondary pressureqn = nominal flow