

Standard oil-mist lubricator, Series NL6-LBS

- G 3/4 G 1

- Nominal flow Qn 18000 l/min

- suitable for ATEX



Type

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

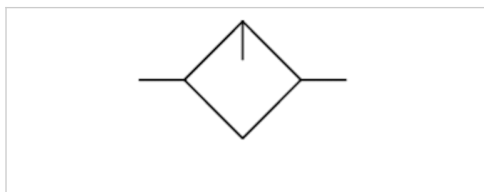
450 cm³

Type of filling

Manual oil filling

Weight

See table below



Technical data

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

Part No.	Reservoir	Weight
0821301801	reservoir, polycarbonate, without protective guard	1,5 kg
0821301802	reservoir, polycarbonate, with metal protective guard	1,6 kg
0821301803	reservoir, metal, with inspection glass	1,8 kg
0821301804	reservoir, polycarbonate, without protective guard	1,5 kg
0821301805	reservoir, polycarbonate, with metal protective guard	1,6 kg
0821301806	reservoir, metal, with inspection glass	1,8 kg

Nominal flow Qn with secondary pressure p2 = 6 bar at Δp = 1 bar

Suitable for use in Ex zones 1, 2, 21, 22., Metal protective guard can be retrofitted for all polycarbonate reservoirs

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.

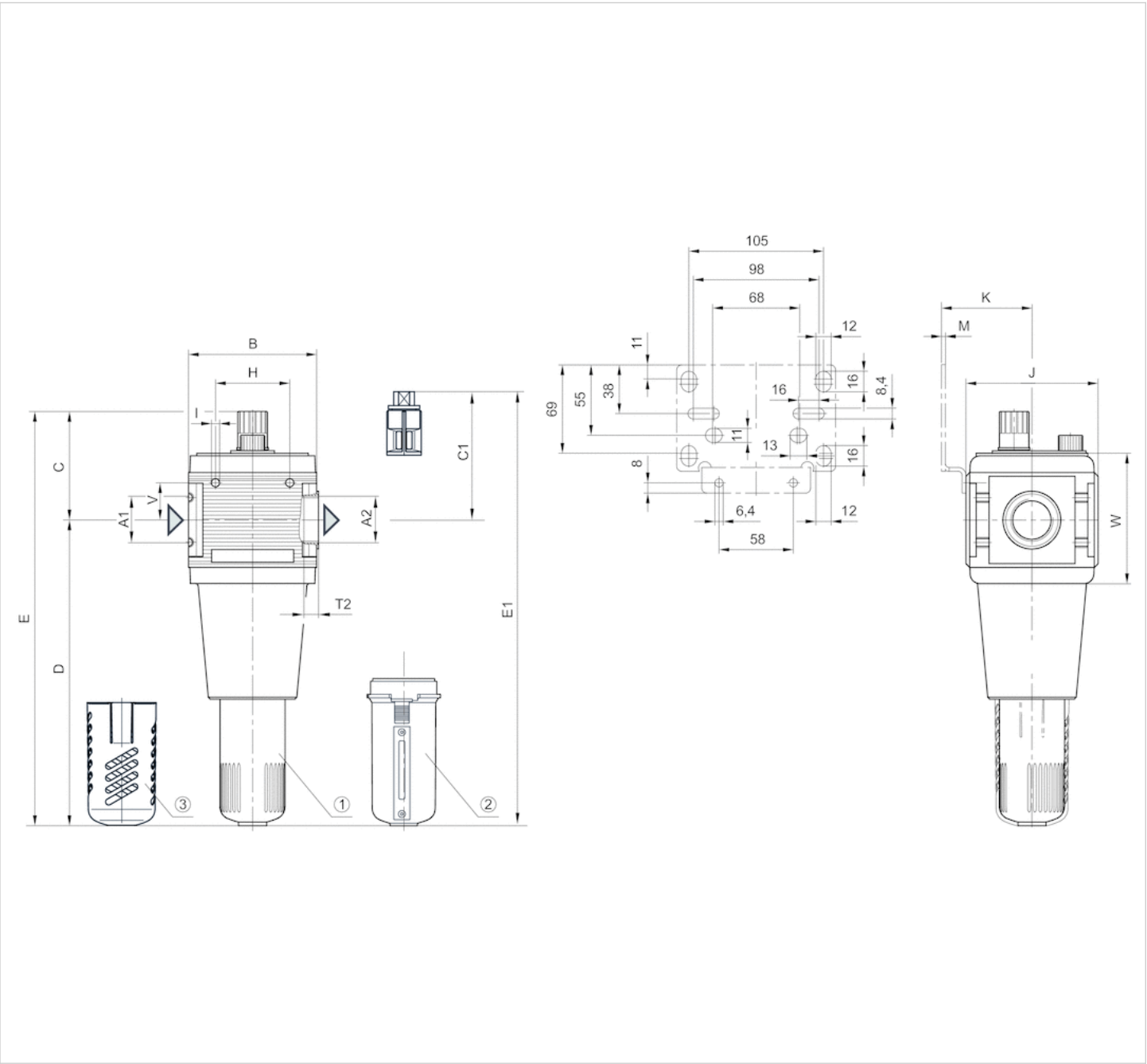
Oil dosing at 1000 l/min 1-2 drops

Technical information

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

Dimensions

Dimensions



- A1 = input
- A2 = output
- 1) PC reservoir
- 2) Metal reservoir with inspection glass
- 3) metal protective guard

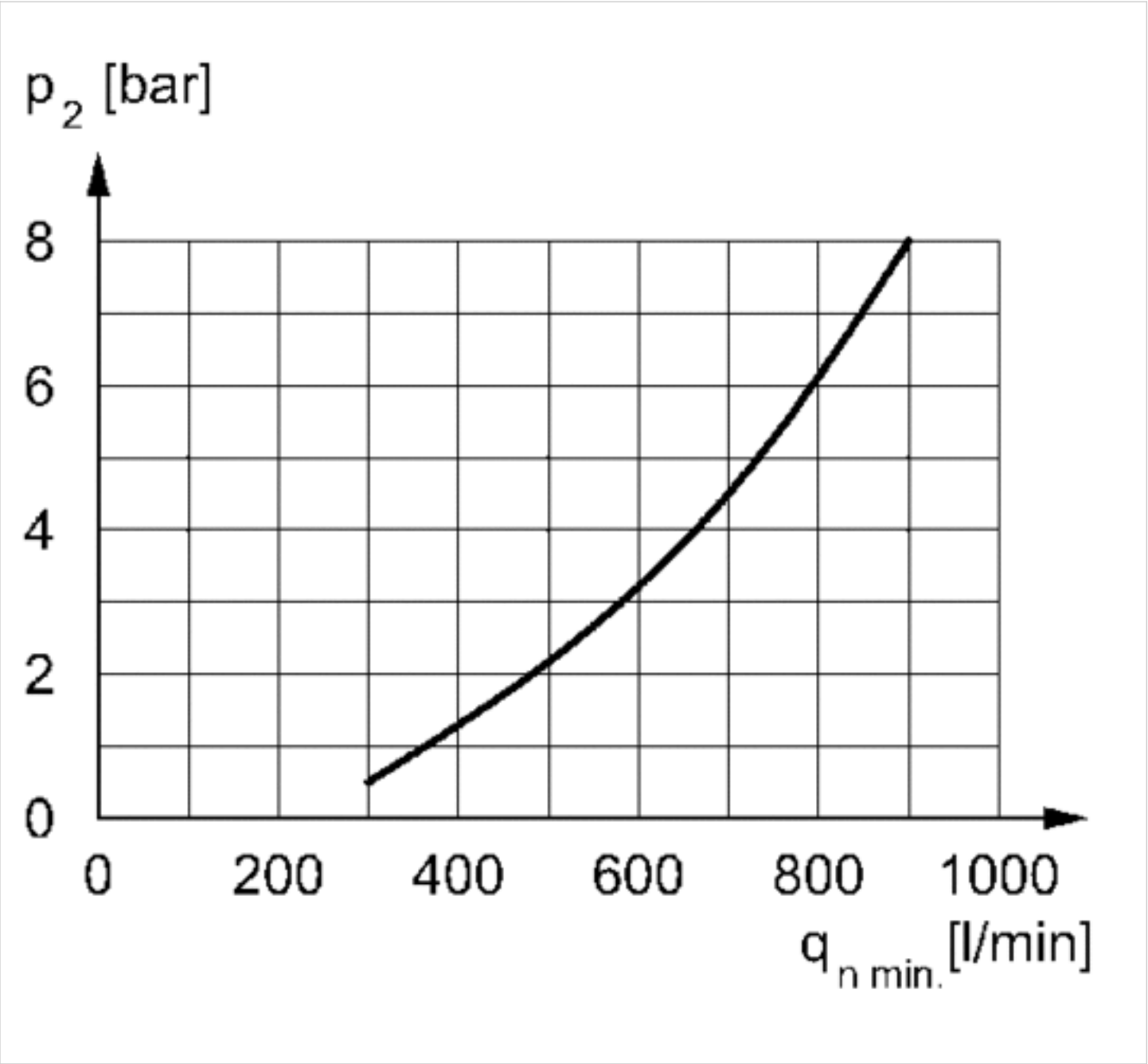
Dimensions in mm

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	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

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

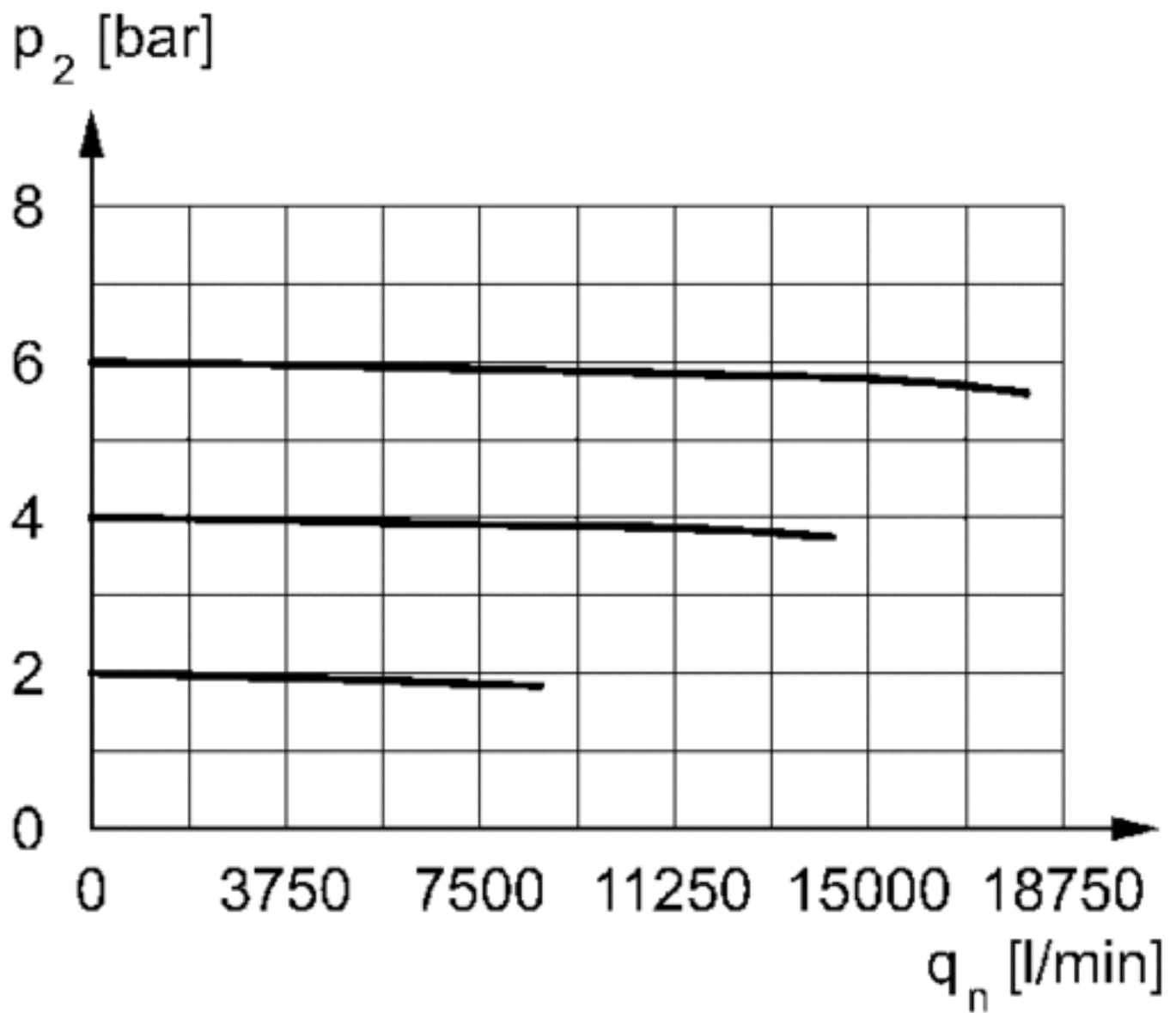
Diagrams

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



p_2 = secondary pressure
 $q_{n \text{ min.}}$ = min. nominal flow

Flow rate characteristic



p_2 = secondary pressure

q_n = nominal flow

Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



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