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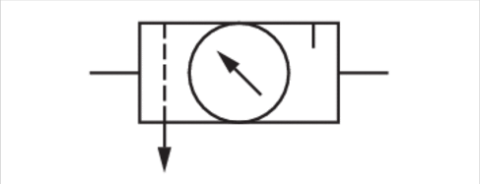
Maintenance unit, 3-part, Series NL6-ACT

- G 3/4
- filter porosity 40 µm
- with pressure gauge
- suitable for ATEX



Version	3-part, Can be assembled into blocks
Parts	Pressure regulator, Filter, Lubricator
Mounting orientation	vertical
Certificates	suitable for ATEX
Working pressure min./max.	1,5 ... 16 bar
Ambient temperature min./max.	-10 ... 60 °C
Medium temperature min./max.	-10 ... 60 °C
Medium	Compressed air Neutral gases
Nominal flow Qn	12000 l/min
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Adjustment range min./max.	0,5 ... 10 bar
Pressure supply	single
Filter reservoir volume	125 cm³
Filter element	exchangeable
Condensate drain	See table
Lubricator reservoir volume	450 cm³
Type of filling	Manual oil filling
Max. Internal air consumption	0,5 l/min
Weight	See table

Technical data

Part No.	Port	Flow Qn	Condensate drain	Reservoir
0821300886	G 3/4	12000 l/min	semi-automatic, open without pressure	Polycarbonate
0821300887	G 3/4	12000 l/min	semi-automatic, open without pressure	Polycarbonate
0821300888	G 3/4	12000 l/min	semi-automatic, open without pressure	Die cast zinc
0821300889	G 3/4	12000 l/min	fully automatic, open without pressure	Polycarbonate
0821300890	G 3/4	12000 l/min	fully automatic, open without pressure	Polycarbonate
0821300891	G 3/4	12000 l/min	fully automatic, open without pressure	Die cast zinc
0821300892	G 1	12000 l/min	semi-automatic, open without pressure	Polycarbonate
0821300893	G 1	12000 l/min	semi-automatic, open without pressure	Polycarbonate
0821300894	G 1	12000 l/min	semi-automatic, open without pressure	Die cast zinc
0821300895	G 1	12000 l/min	fully automatic, open without pressure	Polycarbonate
0821300896	G 1	12000 l/min	fully automatic, open without pressure	Polycarbonate
0821300897	G 1	12000 l/min	fully automatic, open without pressure	Die cast zinc

Part No.	Protective guard	Weight
0821300886	-	5,2 kg
0821300887	Steel	5,3 kg

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Part No.	Protective guard	Weight
0821300888	-	5,5 kg
0821300889	-	5,23 kg
0821300890	Steel	5,33 kg
0821300891	-	5,53 kg
0821300892	-	5,2 kg
0821300893	Steel	3,93 kg
0821300894	-	5,5 kg
0821300895	-	5,23 kg
0821300896	Steel	5,33 kg
0821300897	-	5,53 kg

Technical information

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .
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.
Also suitable for separation of fluid oil or water due to the design.

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
Filter insert	Polyethylene

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Dimensions

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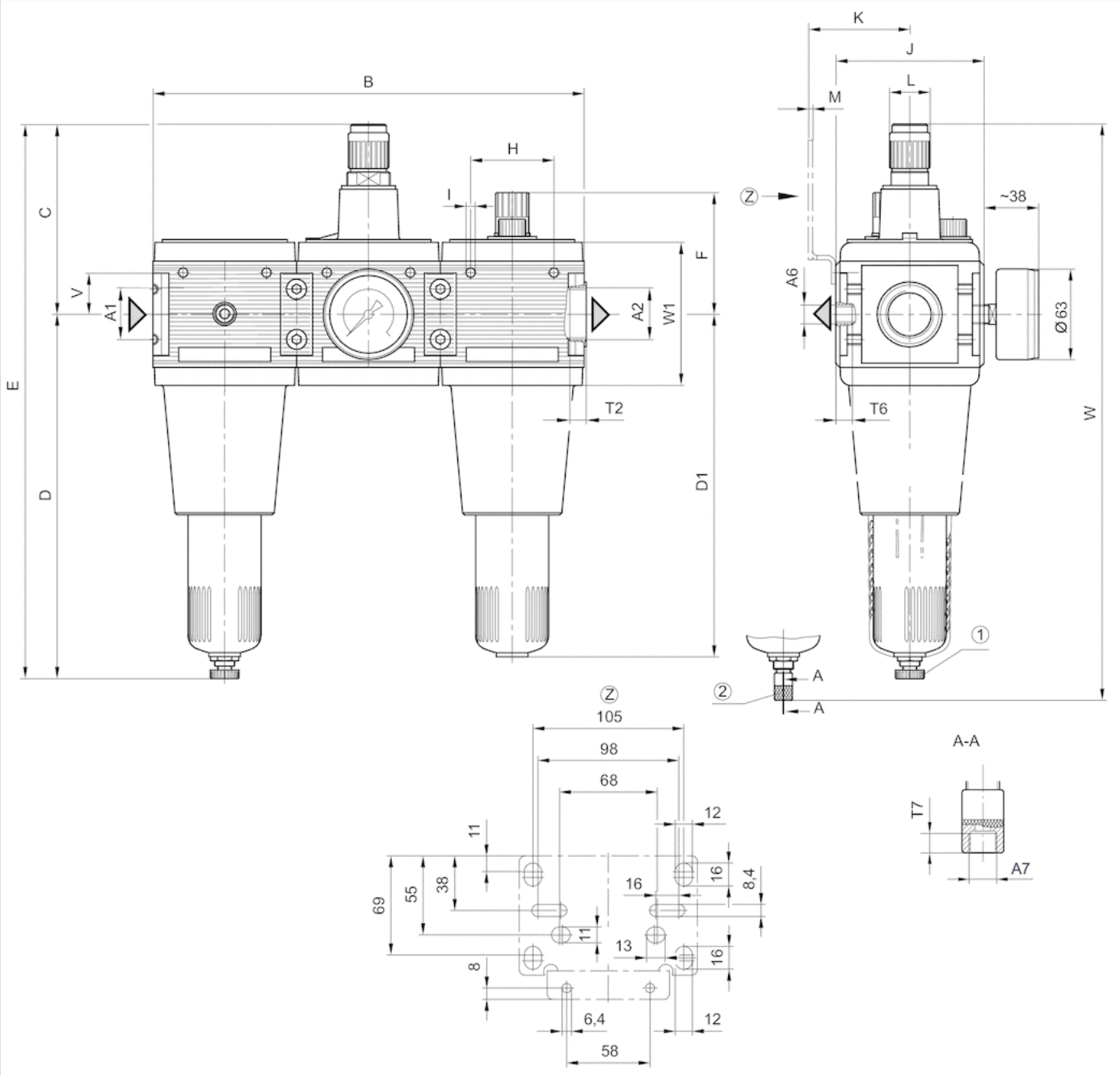

A1 = inputA2 = outputA6 = output
A7 = condensate drain
1) Semi-automatic condensate drain2) fully automatic condensate drain

Dimensions in mm

A1	A2	A6	A7	B	C	D	D1	E	F	H	I	J	K	L	M	T2	T6	T7	V	W	W1
G 3/4	G 3/4	G 1/4	G 1/8	300	132	253	236	385	84	58	M6	103	70.5	28	3	18	7	8.5	29	403	101.5
G 3/4	G 3/4	G 1/4	G 1/8	300	132	253	236	385	84	58	M6	103	70.5	28	3	18	7	8.5	29	403	101.5
G 1	G 1	G 1/4	G 1/8	300	132	253	236	385	84	58	M6	103	70.5	28	3	18	7	8.5	29	403	101.5

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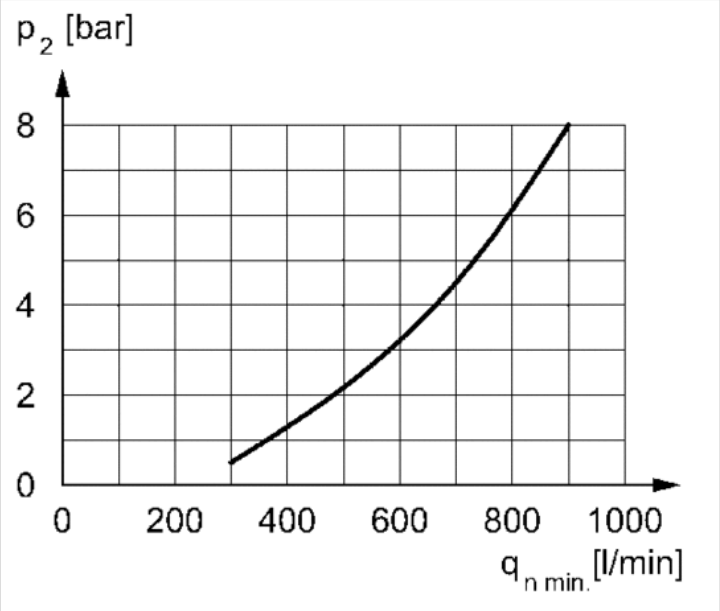
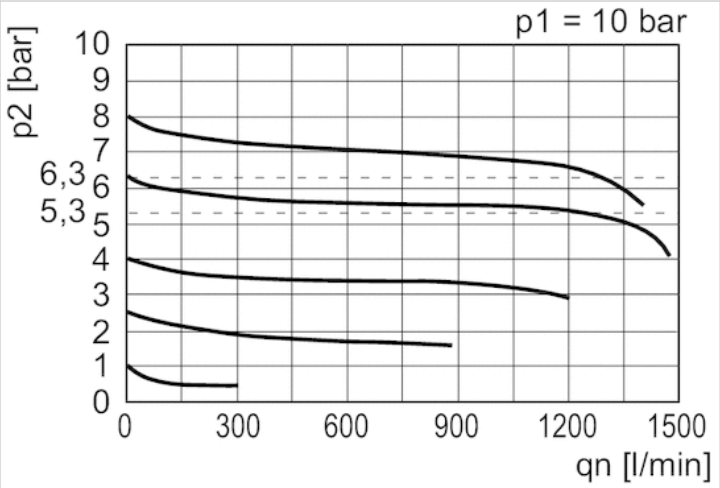
Diagrams

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



p2 = secondary pressureqnmin. = min. nominal flow

Flow rate characteristic



p1 = Working pressurep2 = Secondary pressureqn = Nominal flow