Preparation of compressed air → Maintenance units and components

Maintenance unit, 3-part, Series AS2-ACT

► G 1/4 - G 3/8 ► filter porosity: 5 µm ► lockable ► with pressure gauge ► ATEX certified



00119436

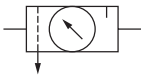
ATEX	II 2G2D T4 X
Maintenance Unit	4-in-1, Can be assembled into blocks
Parts	Filter, Pressure controller, lubricator
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Lock type	with padlock
Pressure supply	single
Installation location	vertical
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Working pressure min./max.	See table below
Adjustment range min./max.	0.5 bar / 8 bar
Medium	Compressed air
Filter element	exchangeable
Filter reservoir volume	28 cm³
Condensate drain	See table below
Type of filling	Manual oil filling Semi-automatic oil filling during operation
Oil type	HLP 68 (DIN 51 524 - ISO VG 68) HLP 32 (DIN 51 524 - ISO VG 32)
Lubricator reservoir volume	40 cm³
Materials:	
Threaded bushing	Die cast zinc
Cover	Acrylonitrile butadiene styrene
Seal	Acrylonitrile Butadiene Rubber
Reservoir	Polycarbonate
Filter insert	Polyethylene

Technical Remarks
■ The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
■ Oil dosing at 1000 l/min [drops/min]: 1-2
■ Max. particle count as per ISO 8573-4 at the outlet: 10 mg/m³

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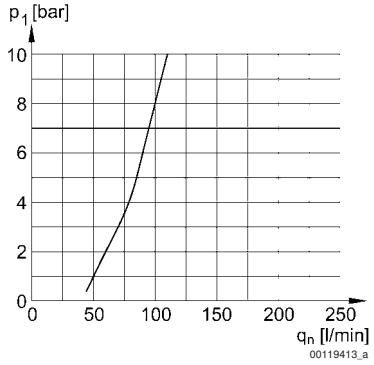
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	Port	Qn	Working pressure min./max.	Condensate drain	Note	Weight	Part No.
		[l/min]	[bar]			[kg]	
	G 1/4	1400	1.5 / 16	semi-automatic, open without pressure	1); 3)	0.78	**R412006318**
	G 1/4	1400	1.5 / 16	semi-automatic, open without pressure	2)	0.78	R412006324
	G 1/4	1400	1.5 / 16	fully automatic, open without pressure	1); 3)	0.825	**R412006319**
	G 1/4	1400	1.5 / 16	fully automatic, open without pressure	2)	0.825	R412006325
	G 1/4	1400	0 / 16	fully automatic, closed without pressure	1); 3)	0.825	**R412006320**
	G 1/4	1400	0 / 16	fully automatic, closed without pressure	2)	0.825	R412006326
	G 3/8	1600	1.5 / 16	semi-automatic, open without pressure	1); 3)	0.78	**R412006327**
	G 3/8	1600	1.5 / 16	semi-automatic, open without pressure	2)	0.78	R412006333
	G 3/8	1600	1.5 / 16	fully automatic, open without pressure	1); 3)	0.825	**R412006328**
	G 3/8	1600	1.5 / 16	fully automatic, open without pressure	2)	0.825	R412006334
	G 3/8	1600	0 / 16	fully automatic, closed without pressure	1); 3)	0.825	**R412006329**
	G 3/8	1600	0 / 16	fully automatic, closed without pressure	2)	0.825	R412006335

1) Reservoir: Polycarbonate
2) Reservoir: Die cast zinc
3) Protective guard: Polyamide
Nominal flow Qn at 6.3 bar and Δp = 1 bar.

Lubricator activation margin



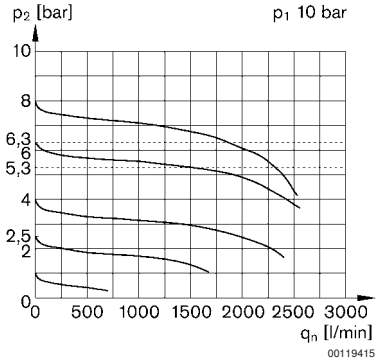
p1 = operating pressure; qn = nominal flow

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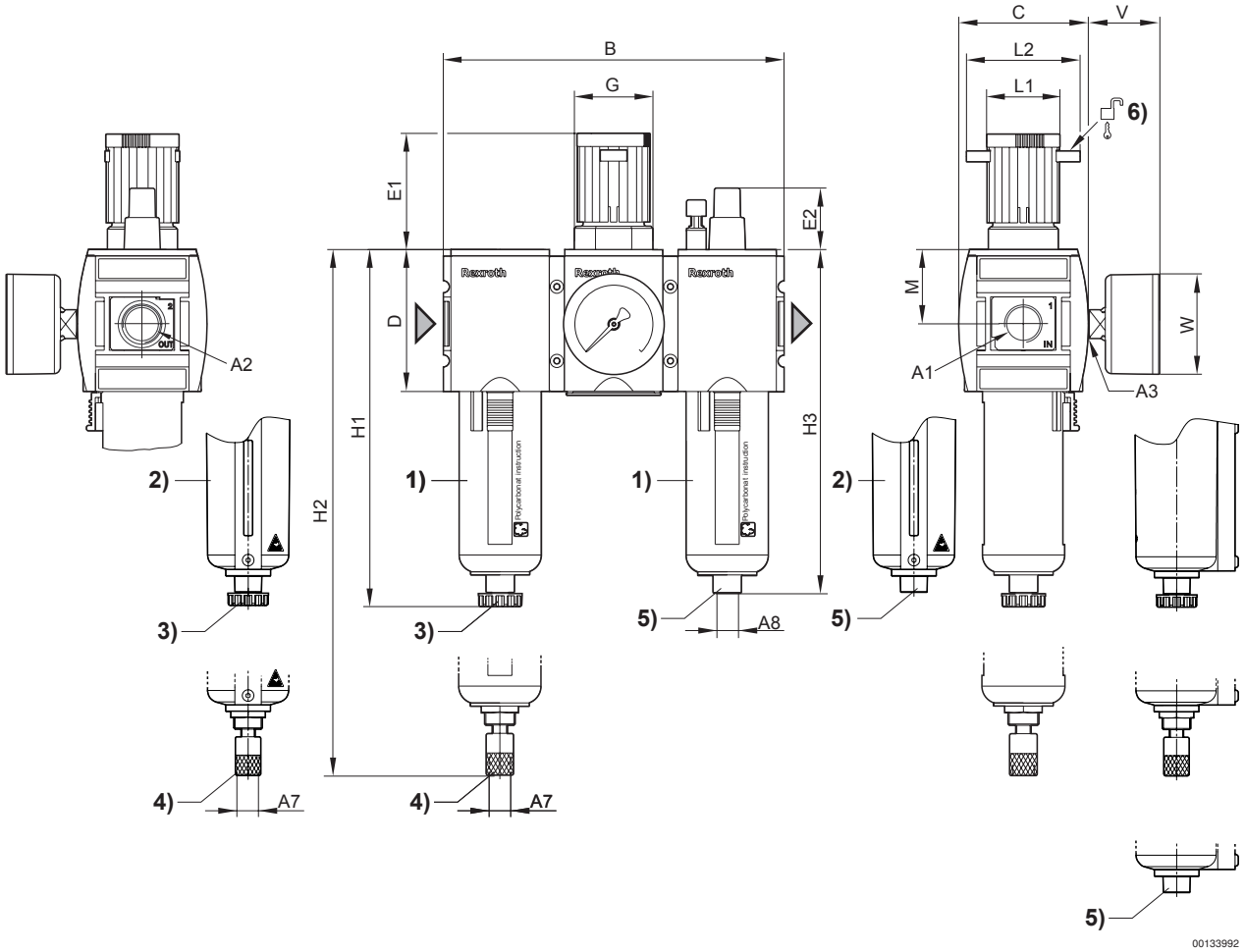
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Flow rate characteristic (p2: 0,5 - 8 bar)



p1 = working pressure; p2 = secondary pressure; qn = nominal flow

Dimensions



1) Plastic reservoir and protective guard with window
2) Metal reservoir with level indicator
3) Semi-automatic condensate drain
4) Fully automatic condensate drain
5) Port for semi-automatic oil filling
6) Mounting option for padlocks; max. shackle Ø 8

Part numbers marked in bold are available from the central warehouse in Germany, see the shopping basket for detailed information

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A1	A2	A3	A7	A8	B	C	D	E1	E2	G	H1	H2
G 1/4	G 1/4	G 1/4	G 1/8	G 1/8	156	59	65	57.9	29.5	M36x1,5	163.5	180.5
G 3/8	G 3/8	G 1/4	G 1/8	G 1/8	156	59	65	57.9	29.5	M36x1,5	163.5	180.5

A1	H3	M	L1	L2	V	W							
G 1/4	157	34	34	54	37	50							
G 3/8	157	34	34	54	37	50							