Preparation of compressed air → Maintenance units and components

Maintenance unit, 2-part, Series AS3-ACD

► G 3/8 - G 1/2 ► filter porosity: 5 µm ► lockable ► For padlocks ► with pressure gauge ► suitable for ATEX

00119382

ATEX	II 2G2D T4 X
Version	2-in-1, Can be assembled into blocks
Parts	Filter pressure regulator, lubricator
Nominal flow Qn	3500 l/min
Mounting orientation	vertical
Working pressure min./max.	See table below
Medium	Compressed air
Medium temperature min./max.	-10 °C / +50 °C
Ambient temperature min./max.	-10 °C / +50 °C
Regulator type	Diaphragm-type pressure regulator
Regulator function	with relieving air exhaust
Adjustment range min./max.	0.5 bar / 8 bar
Pressure supply	single
Filter reservoir volume	49 cm³
Filter element	exchangeable
Condensate drain	See table below
Lubricator reservoir volume	80 cm³
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)
Materials:	
Housing	Polyamide
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile Butadiene Rubber
Threaded bushing	Die cast zinc
Protective guard	Polyamide
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. residual oil content acc. to ISO 8573-4 at the outlet: 10 mg/m³

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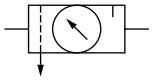
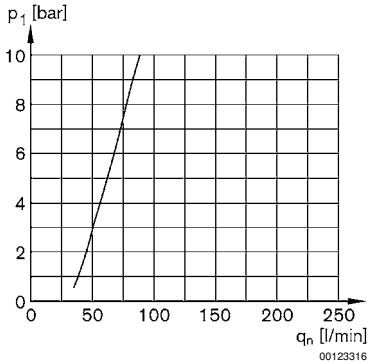
	Port	Working pressure min./max.	Condensate drain	Weight	Note	Part No.
		[bar]		[kg]		
	G 3/8	1.5 / 16	semi-automatic, open without pressure	1.018	1)	**R412007298**
	G 3/8	1.5 / 16	fully automatic, open without pressure	1.067	1)	**R412007299**
	G 3/8	0 / 16	fully automatic, closed without pressure	1.067	1)	R412007300
	G 3/8	1.5 / 16	semi-automatic, open without pressure	1.874	2)	R412007304
	G 3/8	1.5 / 16	fully automatic, open without pressure	1.917	2)	R412007305
	G 3/8	0 / 16	fully automatic, closed without pressure	1.908	2)	R412007306
	G 1/2	1.5 / 16	semi-automatic, open without pressure	1.018	1)	**R412007307**
	G 1/2	1.5 / 16	fully automatic, open without pressure	1.067	1)	**R412007308**
	G 1/2	0 / 16	fully automatic, closed without pressure	1.067	1)	**R412007309**
	G 1/2	1.5 / 16	semi-automatic, open without pressure	1.829	2)	R412007313
	G 1/2	1.6 / 16	fully automatic, open without pressure	1.874	2)	R412007314
	G 1/2	0 / 16	fully automatic, closed without pressure	1.749	2)	**R412007315**

1) Reservoir: Polycarbonate
2) Reservoir: Die cast zinc
Nominal flow Qn at p1 = 6.3 bar and Δp = 1 bar

Lubricator activation margin



p1 = working pressure
qn = nominal flow

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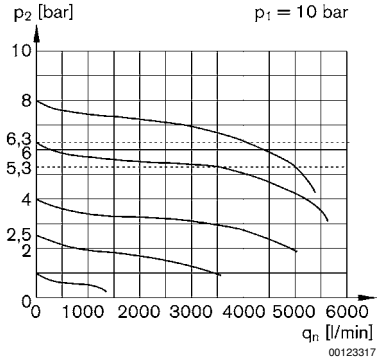
Flow rate characteristic (p2: 0,5 - 8 bar)



p1 = Working pressure
p2 = Secondary pressure
qn = Nominal flow

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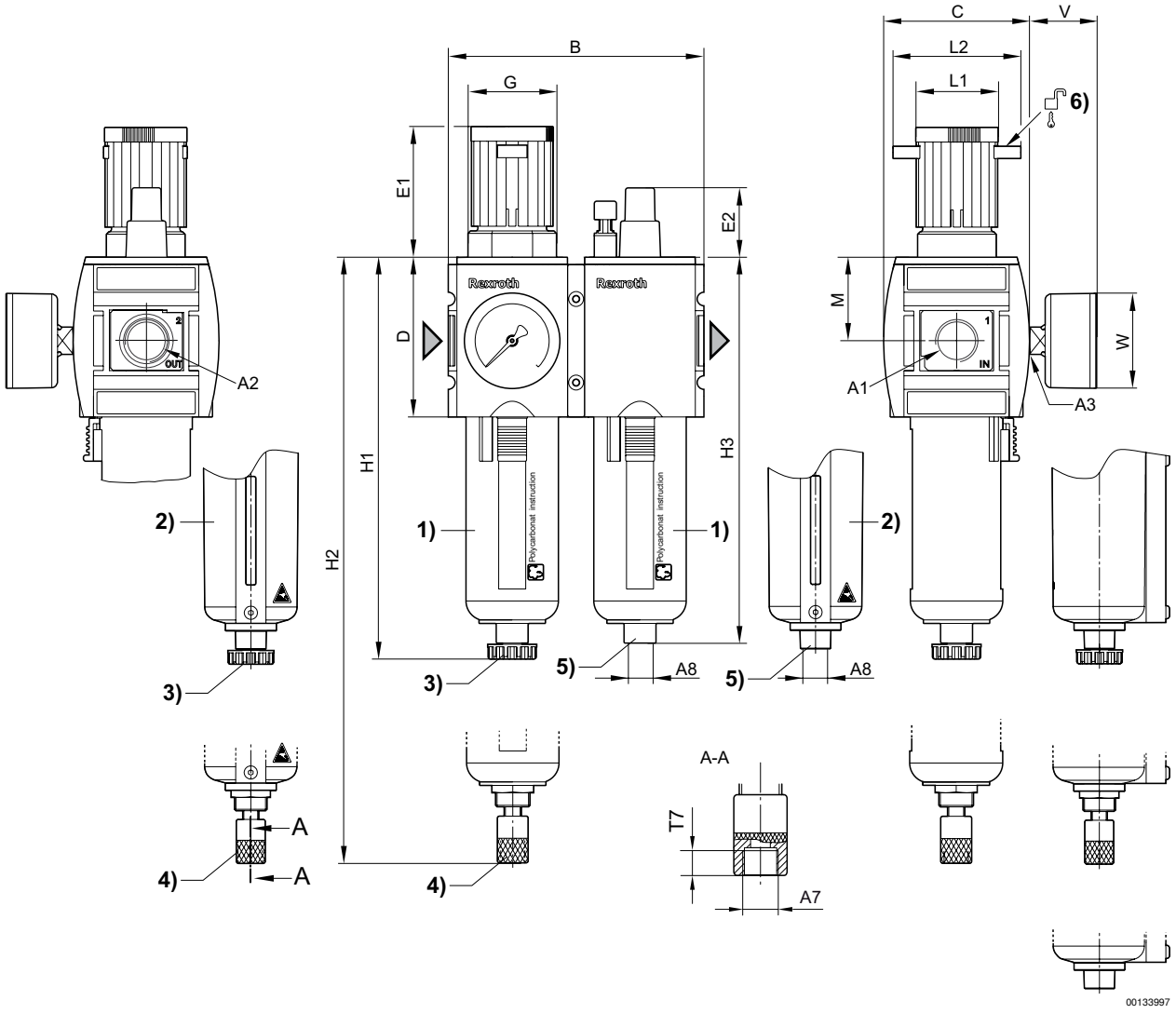
Dimensions



A1 = input
A2 = output
A3 = pressure gauge connection
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

A1	A2	A3	A7	A8	B	C	D	E1	E2	G	H1	H2
G 3/8	G 3/8	G 1/4	G 1/8	G 1/8	126	74	80	63.5	27.5	M42x1,5	189.5	206
G 1/2	G 1/2	G 1/4	G 1/8	G 1/8	126	74	80	63.5	27.5	M42x1,5	189.5	206

A1	H3	M	L1	L2	T7	V	W						
G 3/8	183	42.5	41	60	8.5	33	50						
G 1/2	183	42.5	41	60	8.5	33	50						