

# Service unit 2 part assemblies

# FUTURA-SERIES

item	type	KS2U-114/* G	KS2U-138/* G
port size		G 1/4	G 3/8
description		sinter filter centrifugal principle diaphragm-type pressure regulator with secondary air exhaust lubricator with automatic oil filling	
medium		compressed air, neutral gases	
mounting		vertical	
medium- and ambient temperature		max. 50 °C	
supply pressure		Pe max. 16 bar Pe min. 1,5 bar semi-automatic and fully automatic drain	
filter element		5 µm standard	
bowl volume		filter-regulator: 28 cm <sup>3</sup> , lubricator: 40 cm <sup>3</sup>	
drain model		semi-automatic	
reduced pressure [3]		0,5 - 8 bar, 0,1-1 bar, 0,1-2 bar, 0,2-4 bar, 0,5-10 bar, 0,5-16 bar	
oil metering qv=1000l/min		1 - 2 drops / min	
oil type		CL 32 nach DIN 51517 - ISO VG 32	
fixing		control panel installation, mounting bracket, wall mounting	
weight		0,633 kg	



**parts** (Service-Kit: ESA.1-1311)

no.	designation		material	order-no.
1	spring cage	BG1	POM	---
2	setting knob	FH.1-625	POM	---
3	spring	FED.1-703	galvanised steel	---
4	membrane	MEM.1	brass-NBR-PA6	
5	valve cone	C.11-79	brass-NBR	
6	o-ring 32 x 2,5	OR.0-1	NBR	
7	spring	FED.1-720	stainless steel	---
8	condensate bowl	BE.1 HA4	plycarbonate	90001.0200
9	filter element 5µm	C.00-26	cellpor	5.2100.26.000
10	bowl	BE.1 LUB	plycarbonate	90001.0202
11	dome assembly	ESA-1-1312	plycarbonate	99901.1312
12	o-ring 32 x 2,5	OR.0-1	NBR	

## application information

- Filter transmittance according to ISO 4003, glass bead test
- Setting knob can be locked by pressing downwards
- Regulator head lockable
- Can be filled with oil during operation



## series 1

## ordering information

**KS2U - \*\*\* / \* \***

type

[1] port size

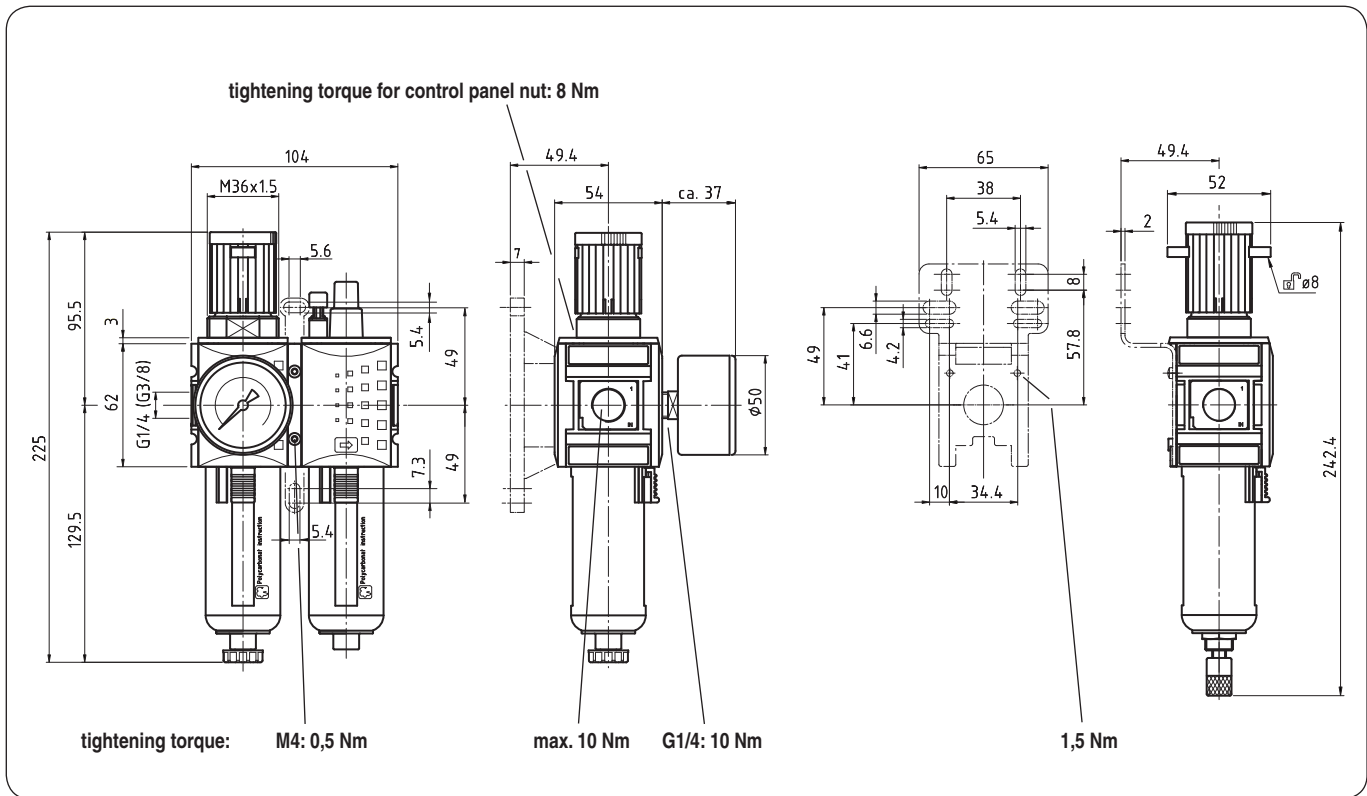
[2] accessories

[3] reduced pressure

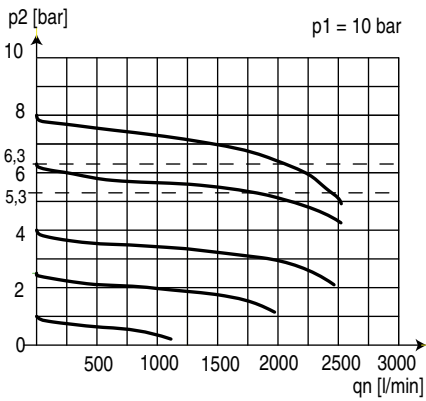
ordering example: KS2U-114/8 AM G

[1] port size		
114	G 1/4	
138	G 3/8	
114 NPT	1/4-18 NPT	
138 NPT	3/8-18 NPT	
[2] accessories (see reverse side)		
S	control panel nut	
H	metal bowl with level indicator	
AM	fully automatic drain pressureless open	
AM NC	fully automatic drain pressureless closed	
[3] reduced pressure (see item table)		
e.g. 8	0,5 - 8 bar	

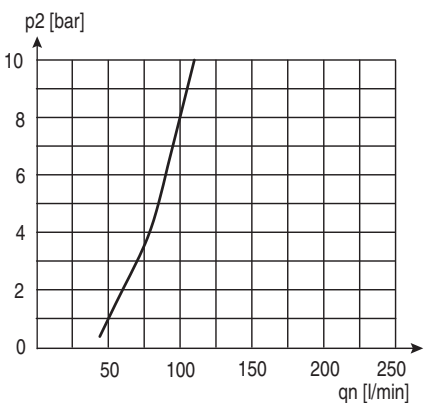
## dimensions (mm)



## flow characteristic



## lubricator operating limit



## accessories

2

<p>gauge</p> <p>type: G 50.2,5 R G 50.4 R G 50.5 R G 50.10 R G 50.16 R G 50.25 R</p>	<p>spring</p> <p>Typ: 0,1- 1: FED.1-700 0,1- 2: FED.1-701 0,2- 4: FED.1-702 0,5- 8: FED.1-703 0,5-10: FED.1-704 0,5-16: FED.1-705</p>	<p>automatic drain</p> <p>type: AM 10 AM 10 NC</p>	<p>metal bowl with level indicator</p> <p>type: BE.1 H HA BE.1 H AM BE.1 H AM NC</p>
<p>lock</p> <p>type: VH.32 with key VH.31 without key E11</p>	<p>mounting bracket with screws</p> <p>type: KBW.1-1225</p>	<p>mounting bracket for panel mounting</p> <p>type: KBW.1-1227</p>	<p>control panel nut M 36 x 1,5</p> <p>type: SM.1</p>
		<p>coupling kit wall mounting</p> <p>type: KKOP.1W</p>	<p>coupling kit</p> <p>type: KKOP.1</p>