

Service unit 3 part assemblies

MULTI-FIX SERIES

item	type	FRL.00	FRL.01
port size		G1/8	G 1/4
description		air line regulator with diaphragm and relieving feature, centrifugal force principle with sintered filter,micro-lubricator	
mounting		vertically, drain plug at bottom	
supply pressure		Pe max. 12 bar; Pe min 1,5 with semi and auto drain	
reduced pressure		Pa 0,5-10 bar standard, 0,1-3 bar, 0,2-6 bar	
filter element		5 µm standard (absolutely)	
media and ambient temperature		max. 60°C (oth. temperature ranges available upon request)	
bowl volume		16 cm ³ max. condensation volume, 35 cm ³ oil bowl	
drain model		semi drain standard (HA4)	
oil dosage rage when qv = 1000 l/min		10-20 drops/min (determining factor)	
kind of oil		CL 32 standardized to DIN 51517 - ISO VG 32	
fixing		panel mounting, bracket	
weight		0,700 kg	



technical modifications keep in reserve!

replacement parts (repair kit: ESA R.00)

no	description	material	order-no.
1	body	zinc - Z 410	---
2	spring cage C.00-72	POM - Ms	8.2100.72.000
3	diaphragm assembly	NBR - Ms	
4	spring 0-10 bar C.11-83	St. - galvanized	5.2111.83.000
5	valve cone	NBR - Ms	
6	bonnet R.00-10	Ms	8.1700.10.000
7	spring DR.00-70	stainless steel	5.1500.70.000
8	O-ring 15 x 2	NBR	
9	filter element 5 µm C.00-26	cellpor	5.2100.26.000
10	bowl C.00 HA4	polycarbonate	8.2100.84.000
11	oil bowl L.00	polycarbonate	8.2500.09.000
12	dome assembly L.33	PA	9.9933.00.006
13	connecting kit KP.00	polycarb.-NBR	9.9900.00.002
14	O-ring 30 x 2 DF.00-2	NBR	1.1100.02.000
15	twist plate F.00-6	POM	3.1300.06.000
16	baffle plate DF.00-4	PA 6	3.1100.04.000

page: FRL.00 (08/08)

series 0

ordering information

FRL. ** * *

type reduced pressure

1 port size 2 option

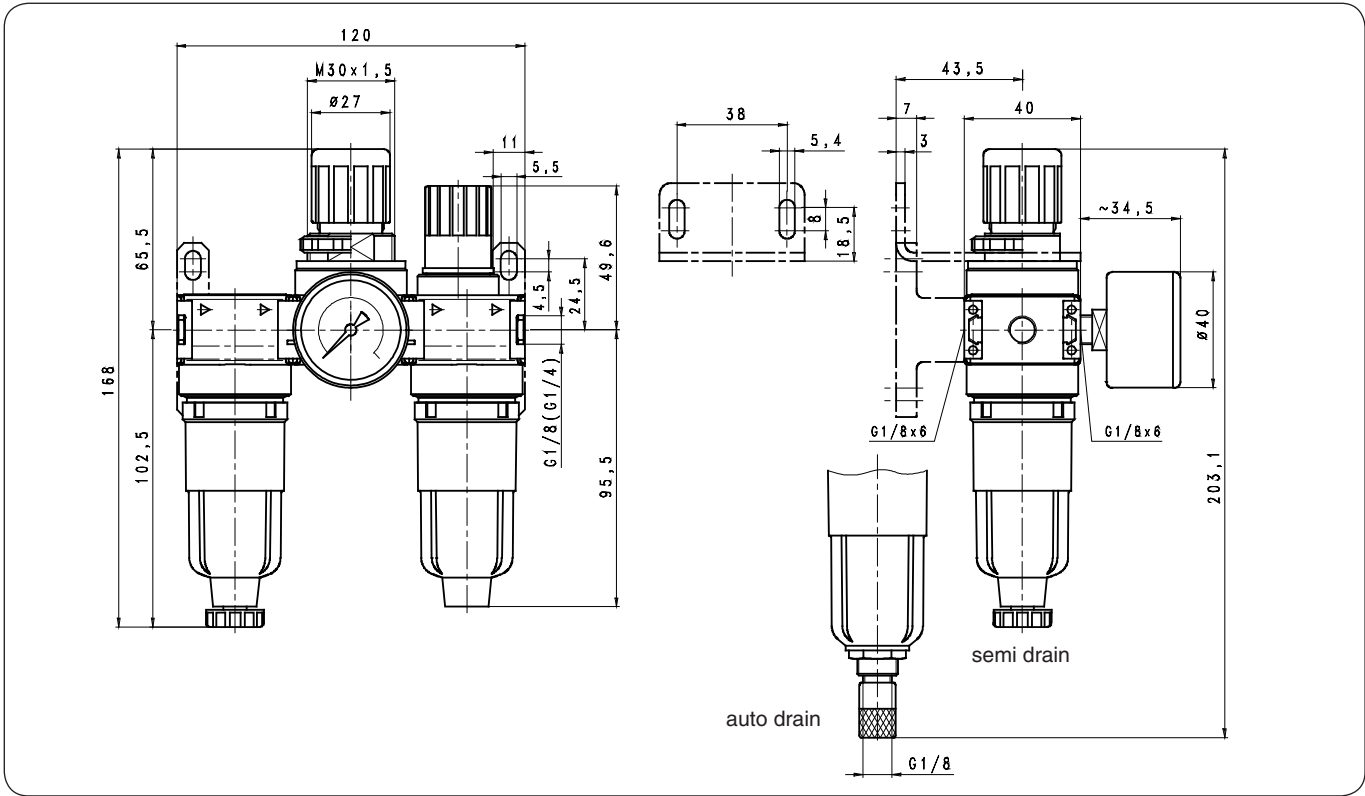
ordering example: FRL.00 S K 0,1-3

port size	
1	00 G 1/8
	01 G 1/4
options	
2	G gauge ø40
	S panel mounting
	K keylock
	B bowl guard
	M metal bowl
	only with semi drain (HA3) or manual drain (man)
	AM auto drain
	only with longer bowl and without bowl guard

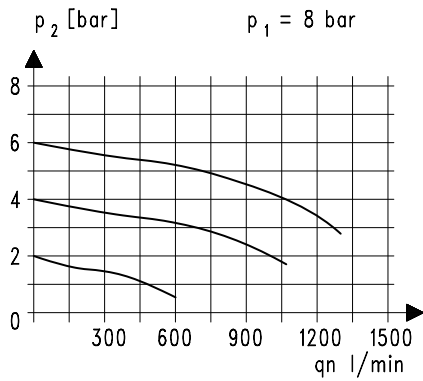
application information

- adjusting knob can be locked by depressing
- filter transmittance according to ISO 4003, bubble point test
- field installation of bowl guard without tools

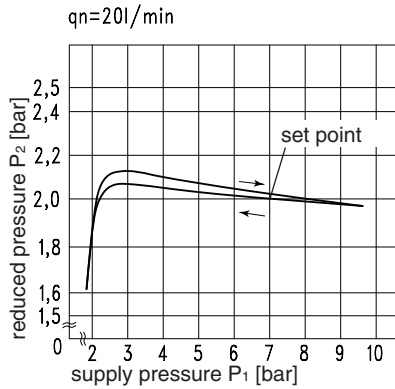
dimensions (mm)



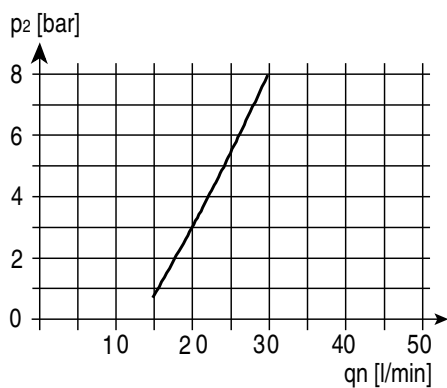
flow characteristics



pressure characteristic



lubricator operating limit



accessories

