

Service unit 3 part assemblies

MULTI-FIX SERIES

type	FRL.54	FRL.55	
item			
port size	G 3/4	G 1	
description	air line regulator with diaphragm and relieving feature, pilot controlled centrifugal force principle with sintered filter, proportional oiler		
mounting	vertically, drain plug at bottom		
media	compressed air, neutral gases		
supply pressure	Pe max. 16 bar Pe min 1,5 bar with semi drain and auto drain		
reduced pressure	Pa 0,5-10 bar standard, 0,1-3 bar, 0,2-6 bar, 0,5-16 bar		
filter element	40 µm standard, 8 µm (absolutely)		
media and ambient temperature	max. 60°C (oth. temperature ranges available upon request)		
bowl volume	max. 125 cm ³ condensation volume, 450 cm ³ oil bowl		
drain model	manuell drain standard		
oil dosage rage when qv = 1000 l/min	1-2 drops/min (determining factor)		
kind of oil	CL 32 standardized to DIN 51517 - ISO VG 32		
fixing	install in pipe line, bracket		
weight	5,200 kg		



technical modifications keep in reserve!

replacement parts (repair kit: ESA-C.55)

no	description	material	order-no.
1	diaphragm	NBR-Ms-Al	
2	valve cone	Ms - NBR	
3	O-ring 80 x 2,5	NBR	
4	reg. spring 0-10 bar C.11-83	St. - galvanized	5.2111.83.000
5	valve cone	Ms - NBR	
6	filter element C.55-28	cellpor	5.2155.28.000
7	bowl C.33 man	polycarbonate	8.2133.76.000
8	oil filler screw L.33-8	POM - NBR	7.2533.08.000
9	dome assembly L.33	PA	9.9933.00.006
10	barrier L.55-2	PU	3.2555.02.000
11	O-ring 50 x 2 C.33-23	NBR	1.2133.23.000
12	oil bowl L.33	polycarbonate	8.2533.09.000
13	twist plate C.55-25	POM	3.2155.25.000
14	barrier plate C.33-31	PA	3.2133.31.000
15	coupling kit KP.55	Z 410- St- NBR	9.9955.00.012



series 5

ordering information

FRL. ** * *

type reduced pressure

1 port size 2 option

ordering example : FRL.55 K AM N 0,1-3

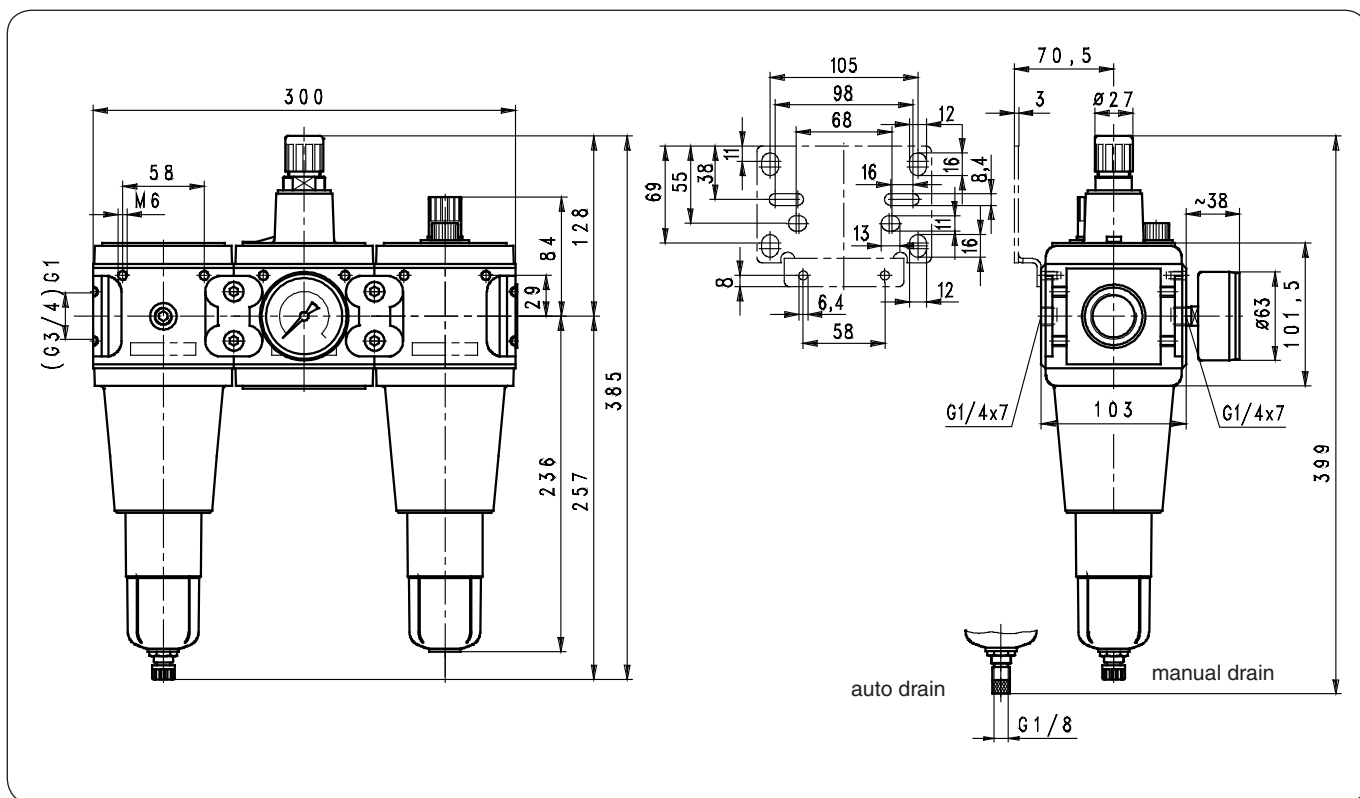
port size	
1	54 G 3/4
	55 G 1
options	
2	G gauge ø63
	K keylock
	B bowl guard
	H metal bowl with sight glass
	HA semi drain
	AM auto drain
	N electrical level control

page: FRL.55 (08/08)

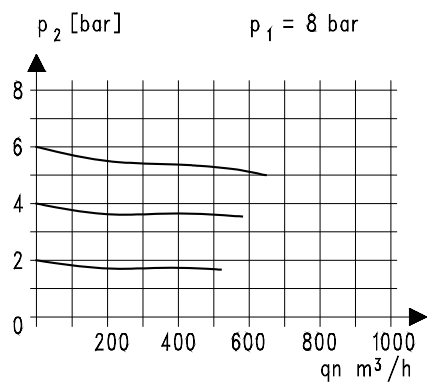
application information

- adjusting knob can be locked by depressing
- filter transmittance according to ISO 4003, glass bead test
- oil fill in is possible under pressure
- field installation of bowl guard without tools

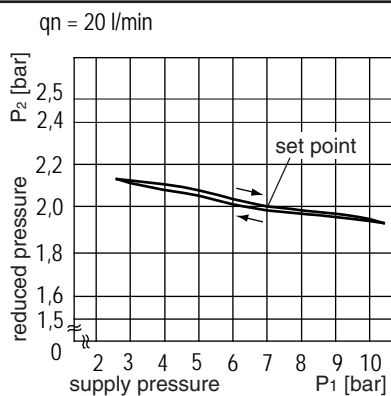
dimensions (mm)



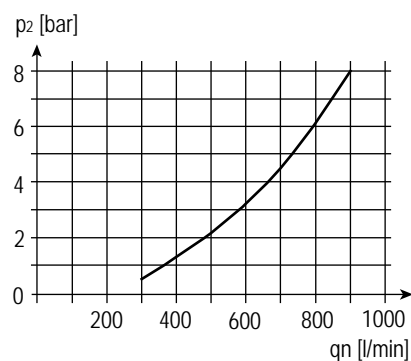
flow characteristics



pressure characteristics

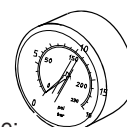


lubricator operating limit



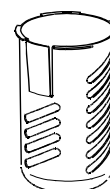
accessories

gauge



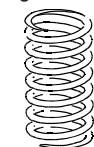
type:
G 63.6 R
G 63.10 R
G 63.16 R
G 63.25 R

bowl guard



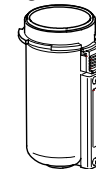
type: C.33-45

spring



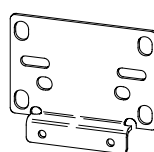
type:
0,1- 3: C.11-81
0,2- 6: C.11-82
0,5-16: C.11-66

metal bowl with sight glass



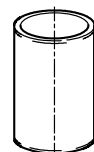
type: C.33 H
L.33 H

mounting bracket



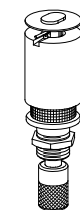
type: ZW.55

filter-element



type
8µm: C.55-26

auto drain



type: AM 10