



Service unit

2-piece

Size 2

849

G 3/8

0.5 to 10 bar

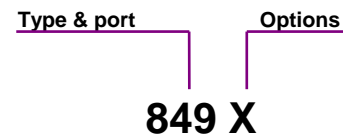
0.5 to 16 bar



Characteristics

Type	849
Port	G 3/8
Pressure gauge port	G 1/4
Type of construction	- Centrifugal filter - Sintered filter element - Diaphragm pressure regulator with self-relieving design - Proportional lubricator
Input pressure p ₁	Max. 16 bar with plastic bowl Max. 25 bar with metal bowl
Input pressure p ₁ with fully-automatic drain	Max. 16 bar Min. 1.5 bar
Control range p ₂	0.5 to 10 bar / 0.5 to 16 bar
Mounting position	Vertical, drain valve at bottom
Mounting type	Bracket on regulator, hole Ø 20.5 mm Bracket on lubricator
Medium temperature Ambient temperature	Max. 60 °C (other temperature Max. 60 °C ranges on request)
Filter rating	40 µm
Bowl capacity	Filter: Max. 50 cm ³ condensate Oil-mist lubricator: 110 cm ³
Condensate drain	Manual, semi-automatic Fully-automatic on request
Weight [g]	1980

Ordering information



Port	
849	G 3/8
Options	
K	Plastic bowl
M	Metal bowl
S	Bowl guard

Order example: 849 K

Please use the suffix »A« to order fully-automatic drain

Description

- Standard design
- **Independent of inlet pressure**
- Pressure gauge Ø 63 mm included
- Filter rating acc. to ISO 4003, glass bead test
- Oil can be filled under pressure

Recommended oil

Special pneumatic oil 32

Viscosity at 40 °C: 32 cSt [mm²/s]

Temperature range: -35 to +85 °C

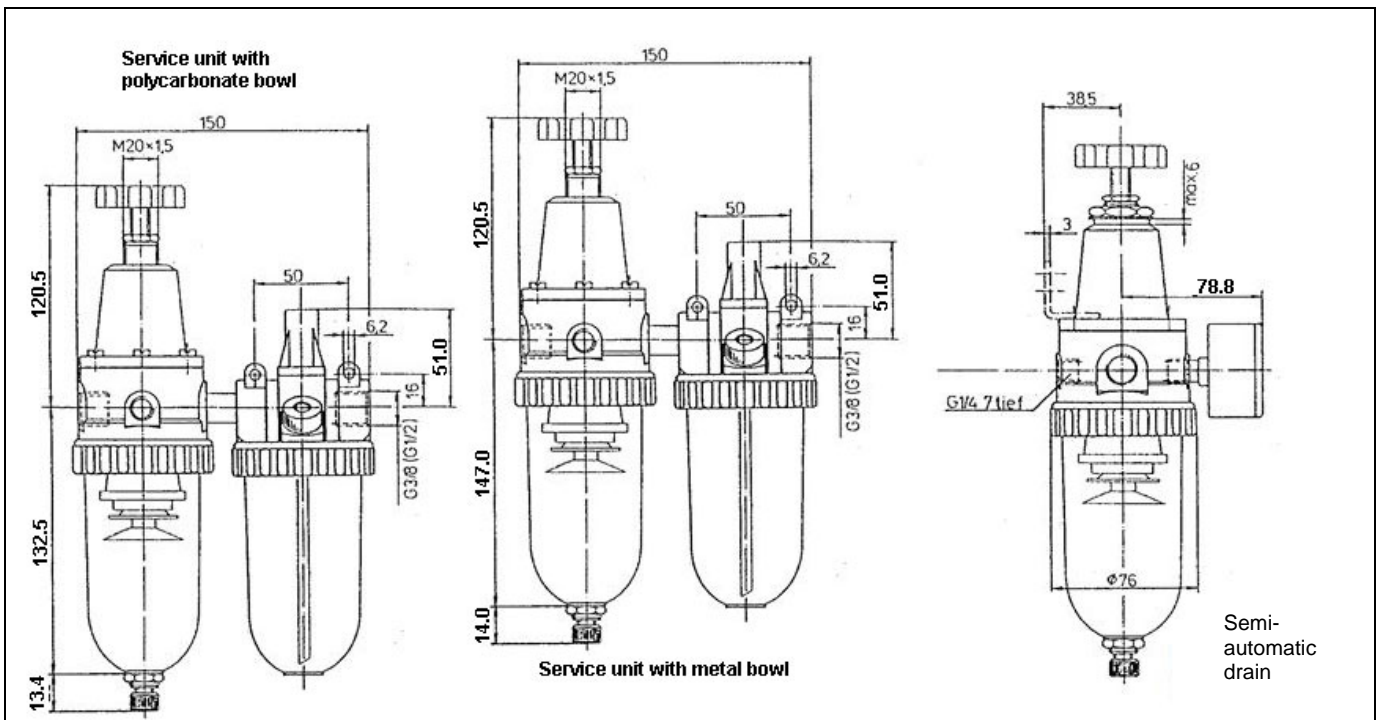
Oil bowls made of plastic (polycarbonate) are corroded by additives, anti-freeze agents and synthetic oils. We therefore recommend using mineral oils from approx. 22 to 32 cSt or up to 68 cSt in conjunction with impact tools.

Metal bowls and metal sight domes should be used for all other oil grades.

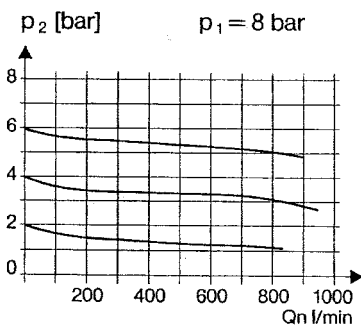
Materials

Part	Material
Head piece (body)	Z 410
Spring bonnet	Z 410-brass
Diaphragm	NBR-brass
Pressure spring	Galvanised steel
Valve cone	NBR-brass
Counter-pressure spring	Stainless steel
O-ring 58 x 3	NBR
Filter element 40 µm	Bronze
Condensate bowl	Polycarbonate
Oil bowl	Polycarbonate
Oil fill plug	POM-NBR
Sight dome	PA
Sight dome – metal	Zinc-glass-NBR

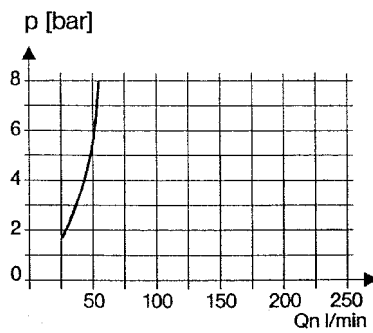
Dimensions [mm]



Flow characteristic

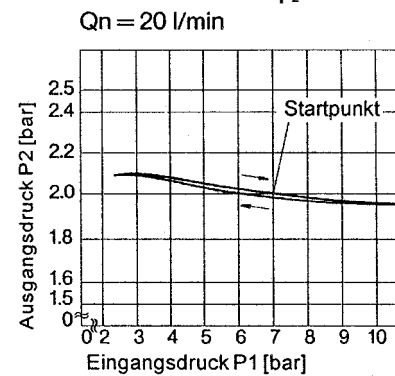


Lubricator operating limit



Hysteresis

Hysteresis of p_2 as a function of rising (falling) p_1 at a constant draw-off rate Q_N 20 l/min
Basic setting (starting point): p_1 : 7.0 bar
 p_2 : 2.0 bar



Flow rates

Flow rates at $p_1 = 8$ bar

Output pressure $p_2 =$ [bar]		6
Nominal flow ($\Delta p = 1$ bar)	QN m ³ /h	48
	l/min	800

Accessories

Designation	Order No.
Mounting bracket with nut and washer	75/2
Mounting bracket with two screws	H 801
Metal bowl (filter)	650/11
Metal bowl (lubricator)	740/13
Plastic bowl (filter)	650/1-HA
Plastic bowl (lubricator)	740/03
Bowl guard, incl. swivel nut	SK 02
Fully-automatic drain (external)	65/0-N
Fully-automatic drain (internal)	655.6.900

Main spare parts

Part	Part No.
→ Set of wearing parts	22.602.4
Sight dome (polycarbonate)	760.7.990
Sight dome (metal)	760.7.991
Filter element 40 μ m	652.6.940
Pr. gauge \varnothing 63 mm, G1/4	
0 to 10 bar	217-KD
0 to 16 bar	218-KD