

# F07

## Miniature general purpose filters G1/8 & G1/4

### Very compact unit

Direct ported filters with high water removal efficiency



### Technical features

**Medium:**

Compressed air only

**Maximum inlet pressure:**

10 bar plastic bowl

17 bar Metallbehälter

**Filter element:**

5 or 40 µm

**Typical flow:**

see below

**Port sizes:**

G1/8 or G1/4

**Bowl volume:**

31 ml

**Drain:**

Manual or automatic

**Operating temperature:**

-34 ... +50°C (plastic bowl)

-34 ... +80°C (metal bowl)

Air supply must be dry enough

to avoid ice formation at temperatures below +2°C

**Materials:**

Body: Zinc alloy

Bowl: Plastic or Zinc alloy

Filter element: PE

Elastomers: NBR

### Technical data, standard model

Symbol	Port size	Filter element (µm)	Flow *1) (dm³/s)	Drain	Bowl	Weight (kg)	Model
	G1/8	40	9	Manual	Plastic	0,13	F07-100-M3TG
	G1/4	40	11,5	Manual	Plastic	0,13	F07-200-M3TG
	G1/8	40	9	Automatic	Plastic	0,13	F07-100-A3TG
	G1/4	40	11,5	Automatic	Plastic	0,13	F07-200-A3TG

\*1) Typical flow with 6,3 bar inlet pressure and a 0,3 bar droop from set.

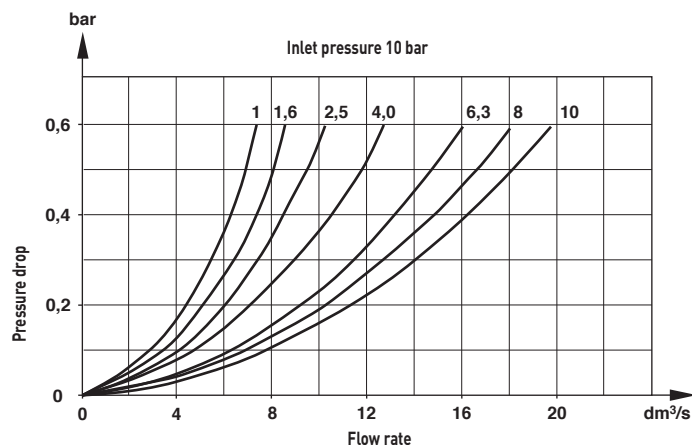
### Option selector

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Port size	Substitute
1/8"	1
1/4"	2
Drain	Substitute
Automatic	A
Manual	M

Thread form	Substitute
PTF	A
ISO G	G
Bowl	Substitute
Plastic	T
Metal	M
Filter element	Substitute
5 µm	1
40 µm	3

### Flow characteristics Port size 1/4", filter element 40 µm

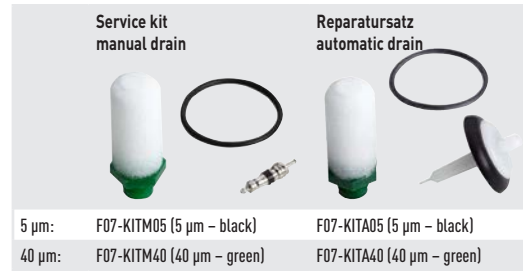


**Accessories and service kit**

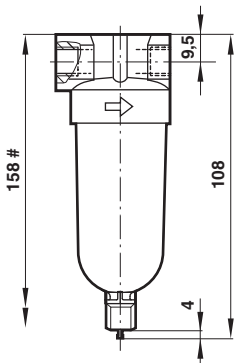


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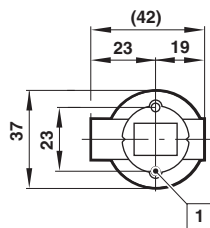
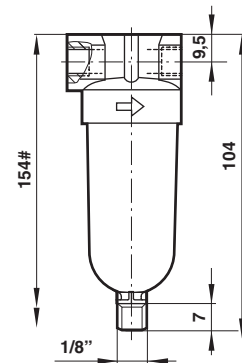
**Service kit**



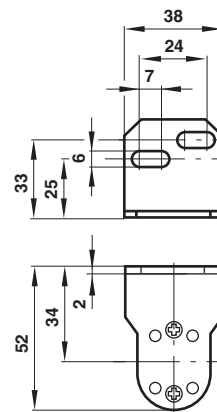
**Dimensions Manual drain**



**Automatic drain**



**Wall mounting bracket**



Use 1/8" [3 mm] screws to mount bracket to wall.

# Minimum clearance required to remove bowl  
 1 Mounting holes, ø 4 mm, 13 mm deep

**Warning**

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under 'Technical features'.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems, or other applications not within published specifications, consult NORGREN.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.