

F39 Puraire® oil removal filter G1/8 & G1/4

Very compact unit

Maximum remaining oil content and particle removal to 0,01µm



Technical features

Medium::

Compressed air only

Maximum inlet pressure:

10 bar (Transparent bowl)

17 bar (Metal bowl)

Filter element:

0,01 µm

Remaining oil content:

0,01 ppm at +21°C

Flow:

see below

Port sizes:

G1/8 or G1/4

Bowl:

31 ml

Drain:

Manuel or automatic

Operating temperature:

-34 ... +50°C (Transparent bowl)

-34 ... +65°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

Element: Synthetic fiber and

PE foam

Seals: NBR

Technical data, Standardmodels

Symbol	Port size	Flow *1) (dm³/s)	Drain	Bowl	Weight (kg)	Model
	G1/8	2,8	Manuel	Plastic	0,13	F39-100-MOTG
	G1/4	3	Manuel	Plastic	0,13	F39-200-MOTG
	G1/8	2,8	Automatic	Plastic	0,13	F39-100-AOTG
	G1/4	3	Automatic	Plastic	0,13	F39-200-AOTG

*1) Max. flow at 6,3 bar:

Option selector

F39-★00-★0★★

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

Thread	Substitute
PTF	A
ISO G	G
Bowl	Substitute
Plastic	T
Metal	M

Typical performance characteristics

Inlet pressure (bar)	Flow *1) (dm³/s)
1	1,2
3	2,0
5	2,7
6,3	3,0
7	3,1
9	3,6

*1) Maximum flow to maintain stated oil removal performance.

Accessories



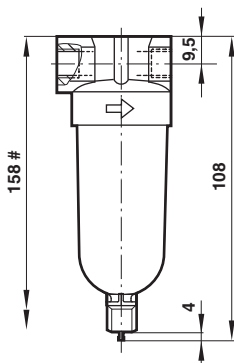
Bracket mounting



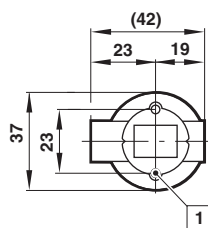
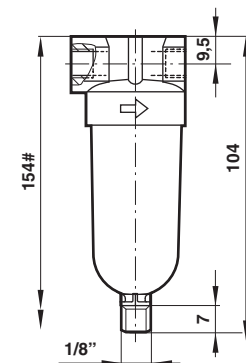
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Dimensions

Manuel drain



Automatic drain



Minimum clearance required to remove bowl

1 Holes \varnothing 4, 13 deep

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where values can exceed those listed under **Technical features/data**.

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.

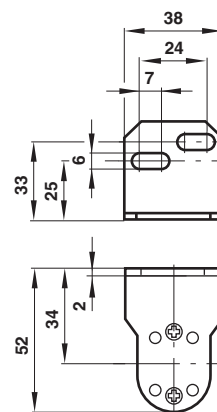
Service kit

Automatic drain



F39-KITA00

Bracket mounting



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