

## Filters - mini and standard model series

G 1/8" - G 3"

**Version:** Filtering using the centrifugal principal and sintered filter  
**Materials:** Body: Zinc die-casting Z410, condensate container: Polycarbonate  
**Temperature range:** 0°C to max. +60°C  
**Input pressure:** 1.5 - 16 bar  
**Condensate draining:** Semi-automatic<sup>1)</sup>  
**Media:** Compressed air, non-toxic and non-inflammable gases  
**ATEX:** Operating material without its own potential source of ignition in accordance with Directive 2014/34/EU (not model series 9)

<sup>1)</sup> as soon as the inlet pressure falls below the minimum input pressure, the drain valve opens automatically. The semi-automatic drain valve can be prevented from opening by screwing on the drain plug tightly.

### Filters - mini

800 l/min

**Pore width in the filter:** 5 µm  
**Max. condensate amount:** 16 cm<sup>3</sup>  
**Optional:** Version with metal container (1.5 - 25 bar) -M, automatic drain\* -AM

Type	Thread
DF 00	G 1/8"
DF 01	G 1/4"

\* not in combination with a metal container



### Filters standard model series 1 to 9 (G 1/4" - G 3")

up to 40000 l/min

**Optional:** Version with protective cage -S, version with metal container (1.5 - 25 bar) -M, automatic drain\* -AM, automatic drain closed when not pressurised\* (0 - 16 bar) -AMNC

Type	Thread	L	H	H1	Mounting bracket
<b>Model series 1, flow 800 l/min, condensate amount 35 cm<sup>3</sup>, pore width in the filter 5 µm</b>					
DF 11	G 1/4"	48 (Ø 57)	149	130	ZW 10
DF 12	G 3/8"	48 (Ø 57)	149	130	ZW 10
<b>Model series 2, flow 3100 l/min, condensate amount 50 cm<sup>3</sup>, pore width in the filter 40 µm</b>					
DF 22	G 3/8"	70 (Ø 77)	167	145	ZW 30
DF 23	G 1/2"	70 (Ø 77)	167	145	ZW 30
<b>Model series 3, flow 4000 l/min, condensate amount 65 cm<sup>3</sup>, pore width in the filter 5 µm</b>					
DF 33	G 1/2"	79 (Ø 87)	194	170	ZW 30
DF 34	G 3/4"	90	205	172	ZW 30
DF 35	G 1"	90	205	172	ZW 30
<b>Model series 5, flow 12500 l/min, condensate amount 300 cm<sup>3</sup>, pore width in the filter 40 µm</b>					
DF 54	G 3/4"	105	270	235	---
DF 55	G 1"	105	270	235	---
DF 56	G 1 1/4"	125	290	245	---
DF 57	G 1 1/2"	125	290	245	---
<b>Model series 8, flow 30000 l/min, condensate amount 300 cm<sup>3</sup>, pore width in the filter 60 µm</b>					
DF 86	G 1 1/4"	148	447	396	---
DF 87	G 1 1/2"	148	447	396	---
DF 88	G 2"	148	447	396	---
<b>Model series 9, flow 40000 l/min, condensate amount 300 cm<sup>3</sup>, pore width in the filter 60 µm</b>					
DF 98	G 2 1/2"	160	478	410	---
DF 99	G 3"	160	478	410	---

\* max. 16 bar in combination with a metal container



**Order example:** DF 11 \*\*\*

Standard type

**Available pore widths**  
Pore width 8 µm  
(only model series 5 to 9) ...-8

#### Designation for the options:

With protective cage .....-S  
With metal container (1.5 - 25 bar) .....-M  
With automatic drain\* (1.5 to 16 bar) .....-AM  
With automatic drain, closed when depressurised\* (0 to 16 bar) ...-AMNC

## Compressed air filters for high pressures

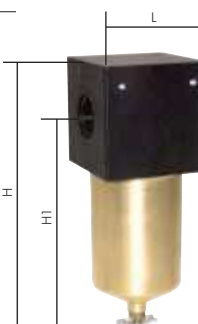
up to 40 bar

**Materials:** Housing: Aluminium, container: Brass (DF8740 and F8840: aluminium), filter insert: Sintered bronze  
**Temperature range:** 0°C to max. +90°C  
**Input pressure:** Max. 40 bar  
**Condensate draining:** Manually  
**Pore width in the filter:** 40 µm  
**Media:** Compressed air, non-toxic and non-inflammable gases  
**Optional:** 5 µm filter porosity -5



High pressure regulators from page 351

**Input pressure up to max. 40 bar!**



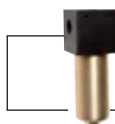
Type	Thread	L	H	H1	Repl. filter 5 µm	Repl. filter 40 µm	Mounting bracket
<b>Flow 2660 l/min*, condensate amount 80 cm<sup>3</sup></b>							
DF 2240	G 3/8"	70	200	168	FILTER 2040-5	FILTER 2040	BW 2040
DF 2340	G 1/2"	65	200	168	FILTER 2040-5	FILTER 2040	BW 2040
<b>Flow 6000 l/min*, condensate amount 100 cm<sup>3</sup></b>							
DF 3440	G 3/4"	92	210	170	FILTER 3040-5	FILTER 3040	BW 3040 F
DF 3540	G 1"	80	210	170	FILTER 3040-5	FILTER 3040	BW 3040 F
<b>Flow 15830 l/min*, condensate amount 300 cm<sup>3</sup></b>							
DF 8740	G 1 1/2"	160	285	243	FILTER 8040-5	FILTER 8040	BW 8040 F
DF 8840	G 2"	140	285	243	FILTER 8040-5	FILTER 8040	BW 8040 F

\* measured at P<sub>1</sub> = 6 bar - Δp = 0.2 bar

**Order example:** DF 2240 \*\*

Standard type

**Designation for the options:**  
5 µm filter porosity .....-5



Microfilters for high pressures can be found in our **Online Shop**. Search for DFX.

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.