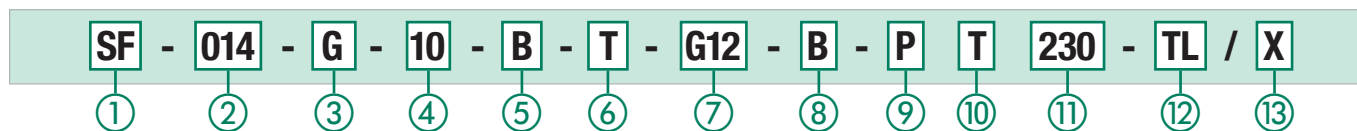


High Pressure Filter Housings / Complete Filters ■ Type SF



① Type

High Pressure Filter **SF**

② Group

Flow	Size
60 l/min / 14 US GPM	<b>014</b>
110 l/min / 30 US GPM	<b>030</b>
160 l/min / 45 US GPM	<b>045</b>
240 l/min / 70 US GPM	<b>070</b>
330 l/min / 90 US GPM	<b>090</b>
475 l/min / 125 US GPM	<b>125</b>
660 l/min / 160 US GPM	<b>160</b>
990 l/min / 250 US GPM	<b>250</b>
1135 l/min / 300 US GPM	<b>300</b>

Note: Exact flow will depend on the selected filter element.  
For technical data please see pages 57 / 58.

③ Filter Material

Material	max. Δp*collapse	Micron ratings available	Code
Without filter element	-	-	<b>O</b>
Inorg. glass fibre	25 bar / 363 PSI	3, 5, 10, 20	<b>G</b>
Inorg. glass fibre	210 bar / 3045 PSI		<b>H</b>
Stainless fibre	210 bar / 3045 PSI		<b>A</b>
Stainless mesh	30 bar / 435 PSI	25, 50, 100, 200	<b>S</b>

Note: \* Collapse/burst resistance as per ISO 2941.

④ Micron Rating

3 µm	<b>03</b>
5 µm	<b>05</b>
10 µm	<b>10</b>
20 µm	<b>20</b>
25 µm	<b>25</b>
50 µm	<b>50</b>
100 µm	<b>100</b>
200 µm	<b>200</b>

Note: Other micron ratings on request.

⑤ Sealing Material

NBR (Buna-N®)	<b>B</b>
FKM/FPM (Viton®)	<b>V</b>
EPDM	<b>E</b>

Note: Other sealing materials on request.

⑥ Connecting Flange

Type T	<b>T</b>
Type TH (optional)	TH

⑦ Connection Style

Connection Style	Thread Style	Group		Code	Group			Code
		014	030		045 070 125	090 160 250 300	Code	
BSP	metric	3/4		<b>G12</b>	1-1/4	<b>G20</b>	1-1/2	<b>G24</b>
BSP	metric	1		G16	1-1/2	G24	-	-
NPT	UNC	3/4		<b>N12</b>	1-1/4	<b>N20</b>	1-1/2	<b>N24</b>
SAE O-ring Thread	UNC	1-1/16-12		<b>U12</b>	1-5/8-12	<b>U20</b>	1-7/8-12	<b>U24</b>
SAE Flange 6000 PSI	metric	3/4		C612M	1-1/4	C620M	1-1/2	C624M
SAE Flange 6000 PSI	UNC	3/4		<b>C612U</b>	1-1/4	<b>C620U</b>	1-1/2	<b>C624U</b>
SAE Flange 3000 PSI	metric	3/4		C312M	1-1/4	C320M	1-1/2	C324M
SAE Flange 3000 PSI	UNC	3/4		C312U	1-1/4	C320U	1-1/2	C324U
SAE Flange 3000 PSI	metric	1		C316M	-	-	2	C332M
SAE Flange 3000 PSI	UNC	1		C316U	-	-	2	C332U

Note: Other port connections on request. Bold types identify preferred connection styles.

⑧ Valve

Without valve	<b>O</b>
Bypass valve	<b>B</b>
Reverse flow valve	<b>R</b>
Non-return valve	<b>N</b>
Multi-function valve	<b>M</b>

⑨ Clogging Indicator

Without clogging indicator	<b>O</b>
Visual, with automatic reset	<b>A</b>
Visual, with manual reset	<b>V</b>
Electrical	<b>E</b>
Electrical, Deutsch plug	<b>ED</b>
Visual-electrical	<b>P</b>
Double Visual-electrical	<b>D024</b>

⑩ Thermostop

Without thermostop	<b>none</b>
With thermostop	<b>T</b>

⑪ Voltage (only for Code P)

24 V DC	<b>024</b>
110 V AC	<b>110</b>
230 V AC	<b>230</b>

⑫ Style Filter Bowl

With bowl in one-part style	<b>none</b>
Toploader, with bowl in two-part style	<b>TL</b>

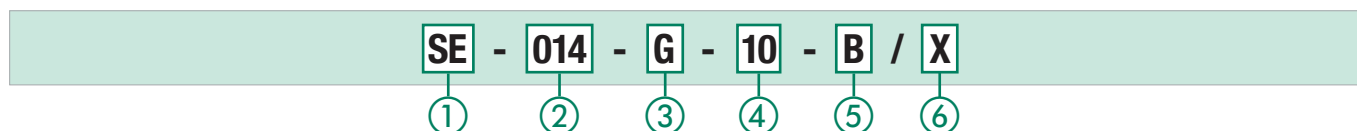
Note: Group size SF-250 and SF-300 only available in TL-version.

With drain plug available on request.

⑬ Design Code

Only for information	<b>X</b>
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Filter Elements ■ Type SE



① Type

Filter Element Series **SE**

② Group

According to filter housing

③ Filter Material

Material	max. Δp*collapse	Micron ratings available	Code
Inorganic glass fibre	25 bar / 363 PSI	3, 5, 10, 20	<b>G</b>
Inorganic glass fibre	210 bar / 3045 PSI		<b>H</b>
Stainless fibre	210 bar / 3045 PSI		<b>M</b>
Stainless mesh	30 bar / 435 PSI	25, 50, 100, 200	<b>S</b>

Note: \* Collapse/burst resistance as per ISO 2941.

④ Micron Rating

3 µm	<b>03</b>
5 µm	<b>05</b>
10 µm	<b>10</b>
20 µm	<b>20</b>
25 µm	<b>25</b>
50 µm	<b>50</b>
100 µm	<b>100</b>
200 µm	<b>200</b>

Note: Other micron ratings on request.

⑤ Sealing Material

NBR (Buna-N®)	<b>B</b>
FKM/FPM (Viton®)	<b>V</b>
EPDM	<b>E</b>

Note: Other sealing materials on request.

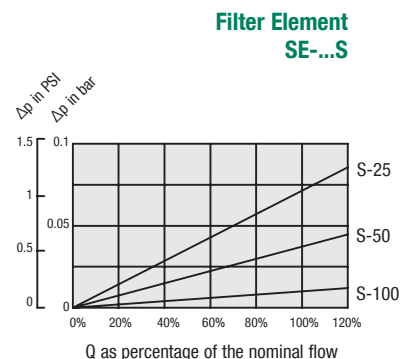
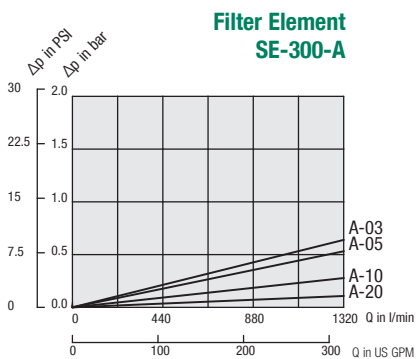
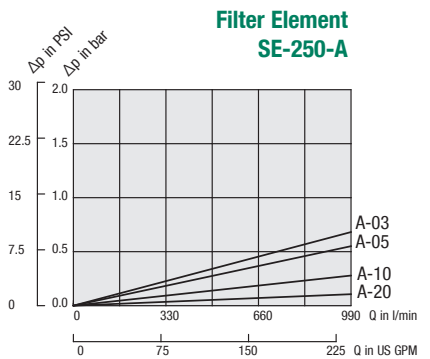
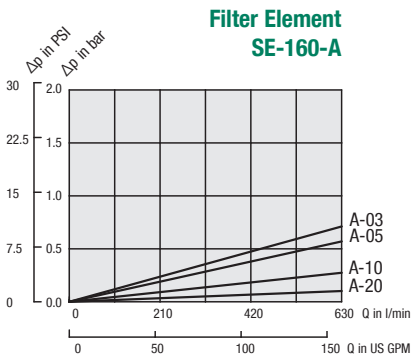
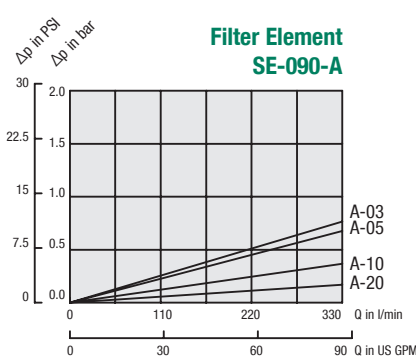
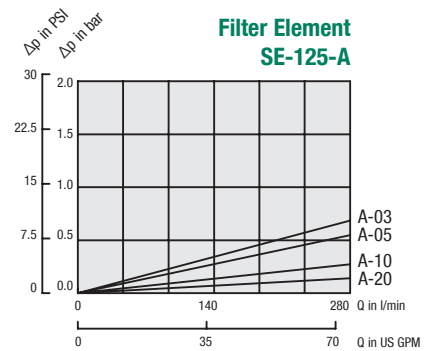
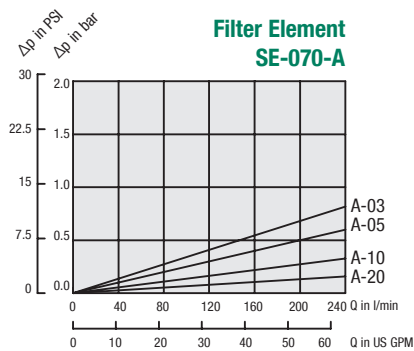
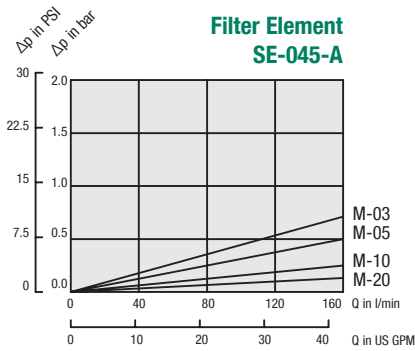
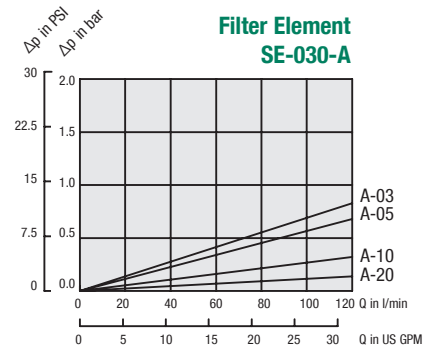
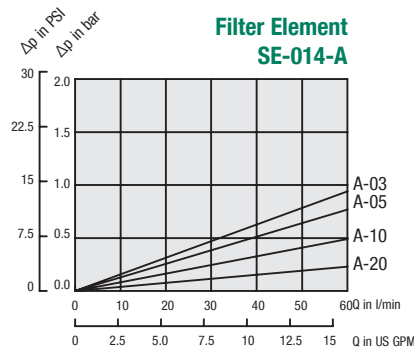
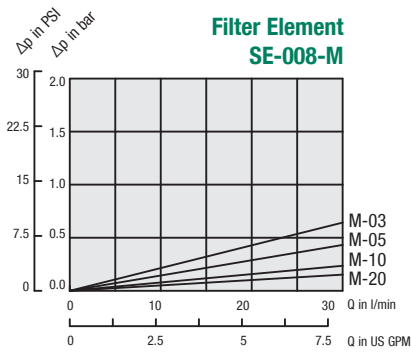
⑥ Design Code

Only for information	<b>X</b>
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## High and Medium Pressure Filters - Type SF / SF-TM / SFZ / SFA

The following characteristics are valid for mineral oils with a density of 0,85 kg/dm<sup>3</sup> and the kinematic viscosity of 30 mm<sup>2</sup>/s (30 cSt). The characteristics have been determined in accordance to ISO 3968. Multipass filter ratings have been obtained in accordance to ISO 16889. Contact STAUFF for details.



C



## High and Medium Pressure Filters - Type SF / SF-TM / SFZ / SFA

The following characteristics are valid for mineral oils with a density of 0,85 kg/dm<sup>3</sup> and the kinematic viscosity of 30 mm<sup>2</sup>/s (30 cst). The characteristics have been determined in accordance to ISO 3968. Multipass filter ratings have been obtained in accordance to ISO 16889. Contact STAUFF for details.

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