



Technical Specification

Stauff SF6300-series spin-on elements are used with the Stauff SLF spin-on filters.

Seals	NBR (Buna-N [®])
Working pressure	max 14 bar (200 PSI), maximum pressure differential of 5.5 bar (80 PSI) for any application with no by-pass valve
Temperature range	-32°C to +100°C (-25°F to 212°F)
By-pass valve	integrated in the filter element
Media	Mineral oils, other fluids on request



Dimensions and Ordering Code

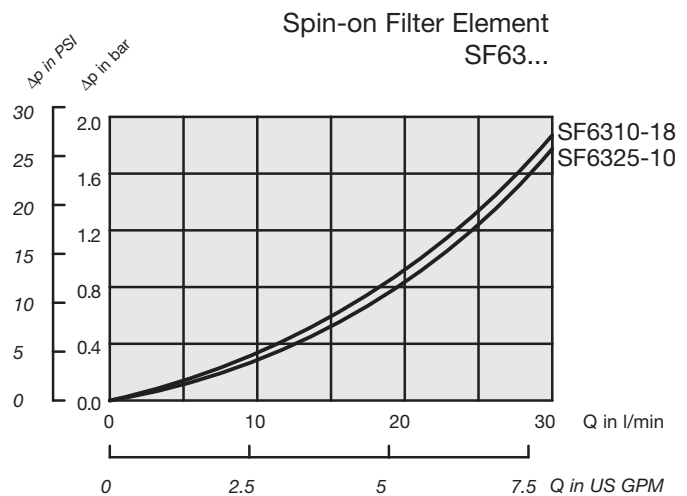
	Filter Paper	
	SF6310-18	SF6325-10
		
Diameter	77,5 (3.05)	77,5 (3.05)
Length	87 (3.43)	87 (3.43)
Element Thread	³ / ₄ -16 UNF	³ / ₄ -16 UNF
Beta Ratio	β ₁₀ ≥ 2	β ₂₅ ≥ 2
Dirt Holding Capacity (g)	6	6
Filtration Area	825,2 cm ² (127.9 in ²)	825,2 cm ² (127.9 in ²)
By-pass setting	1,24 bar (18 PSI)	0,7 bar (10 PSI)
Maximum Working Pressure	14 bar (200 PSI)	14 bar (200 PSI)
Carton Quantity	12	12
Carton Weight	3,6 kg (8 lb)	3,6 kg (8 lb)

Dimensions in mm (inch)

Flow Characteristics

The following characteristics are valid for mineral oils with a density of 0,85 kg/dm³ and the kinematic viscosity of 30 mm²/s. The characteristics have been determined in accordance to ISO 3968.

Average pressure drop through a clean filter assembly.



Technical Specification





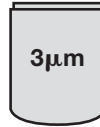



Stauff SF6500-series spin-on elements are used with the Stauff SAF series spin-on filters.

Seals	NBR (Buna-N [®]) seals
Working pressure	max 14 bar (200 PSI), maximum pressure differential of 5.5 bar (80 PSI) for any application with no bypass valve
Temperature range	-32°C to 100°C (-25°F to 212°F)
Media	Mineral oils, other fluids on request



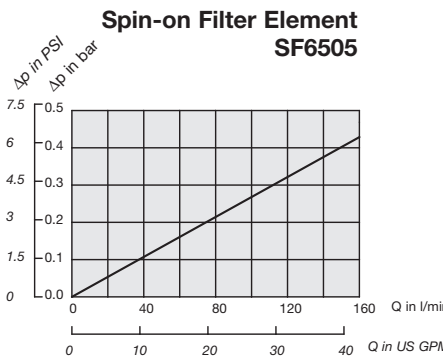
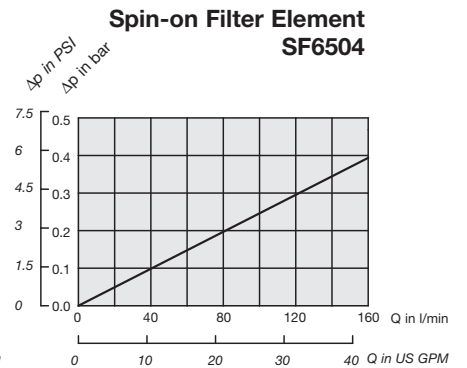
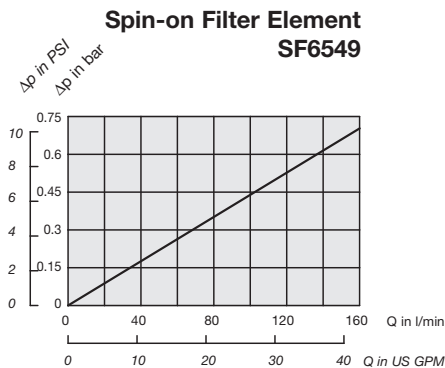
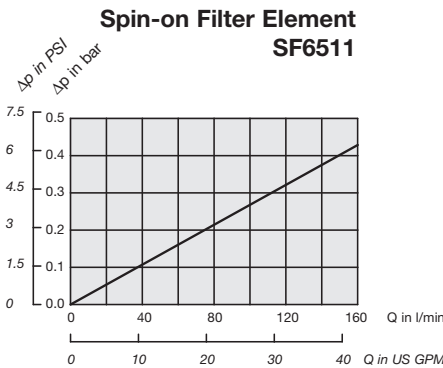
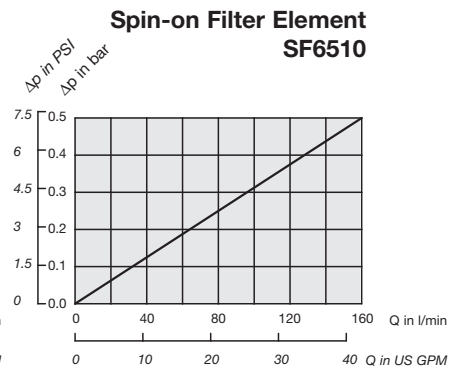
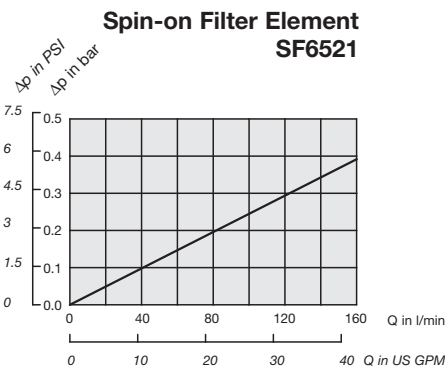
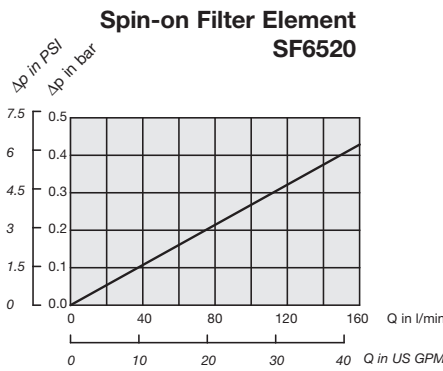
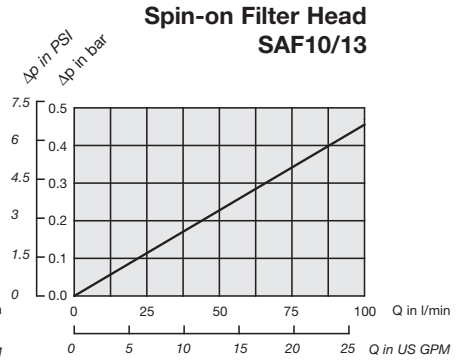
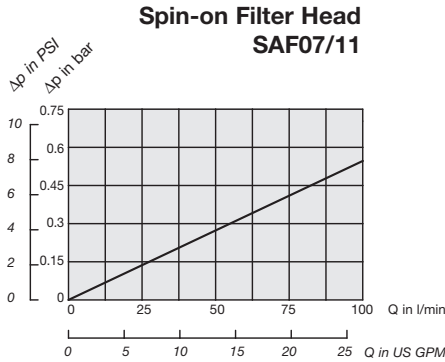
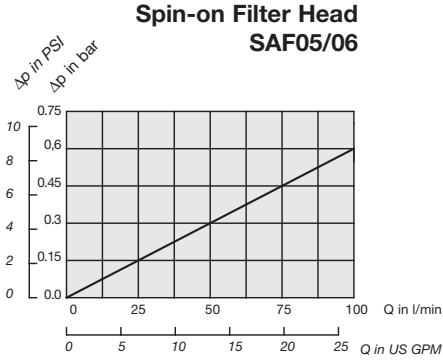
Dimensions and Ordering Code

Dimensions in mm (inch)

	Filter Paper				Microglass			Water Absorbing
	SF6520	SF6521	SF6510	SF6511	SF6549	SF6505	SF6504	SF6520-W
								
Diameter	93.2 (3.67)	93.2 (3.67)	93.2 (3.67)	93.2 (3.67)	93.2 (3.67)	93.2 (3.67)	93.2 (3.67)	93.2 (3.67)
Length	147 (5.76)	204 (8.00)	147 (5.76)	204 (8.00)	147 (5.76)	147 (5.76)	147 (5.76)	133 (5.25)
Element Thread	1-12 UNF	1-12 UNF	1-12 UNF	1-12 UNF	1-12 UNF	1-12 UNF	1-12 UNF	1-12 UNF
Beta Ratio	$\beta_{10} \geq 2$	$\beta_{10} \geq 2$	$\beta_{25} \geq 2$	$\beta_{25} \geq 2$	$\beta_3 \geq 75$	$\beta_{10} \geq 75$	$\beta_{25} \geq 75$	$\beta_{10} \geq 2$
Dirt Holding Capacity ACFTD (g)	14.4	22	20.4	31.2	19	11	26	Water holding capacity 162 ml (5.5 oz)
Filtration Area	2303 cm ² (357.5 in ²)	3881 cm ² (601.7 in ²)	2212 cm ² (342.9 in ²)	3388 cm ² (525.1 in ²)	2519 cm ² (390.4 in ²)	2405 cm ² (372.7 in ²)	2405 cm ² (372.7 in ²)	1225 cm ² (190 in ²)
Maximum Working Pressure	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	6.9 bar (100 PSI)
Carton Quantity	12	12	12	12	12	12	12	12
Carton Weight	6.3 kg (13.9 lb)	8.4 kg (18.5 lb)	6.4 kg (14.2 lb)	8.8 kg (19.4 lb)	8.6 kg (19 lb)	8.6 kg (19 lb)	8.6 kg (19 lb)	8.6 kg (19 lb)

Flow Characteristics

The following characteristics are valid for mineral oils with a density of 0,85 kg/dm³ and the kinematic viscosity of 30 mm²/s. The characteristics have been determined in accordance to ISO 3968.



Technical Specifications





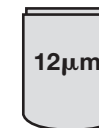
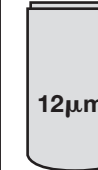


Stauff SF6600 series spin-on elements are used with the Stauff SHF series spin on filters.

Seals	NBR (Buna-N [®]) seals
Maximum static pressure	27.5 bar (400 PSI) Maximum pressure differential of 7 bar (100 PSI) for any application with no bypass valve
Operating temperature	-32°C to 100°C (-25°F to 212°F)
Media	Mineral oils, other fluids on request



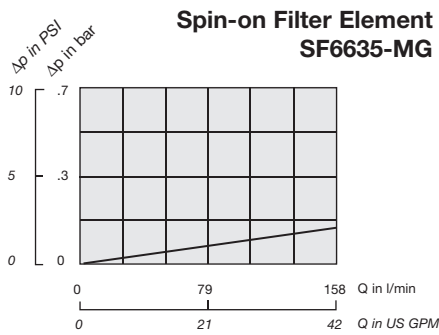
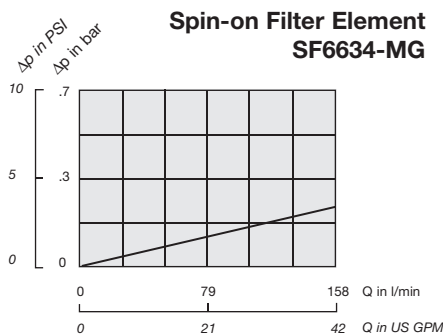
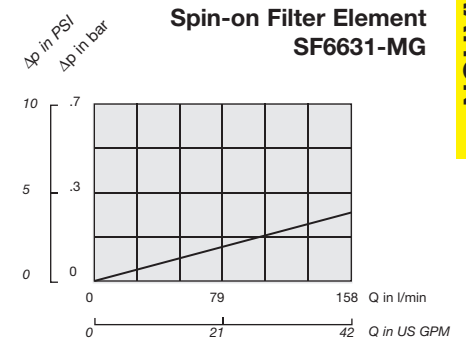
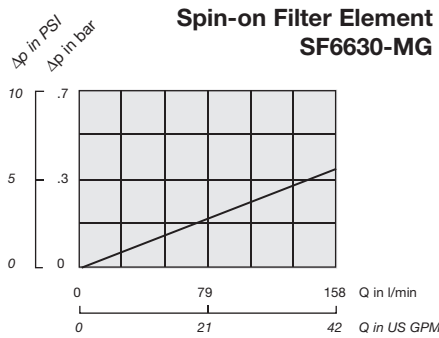
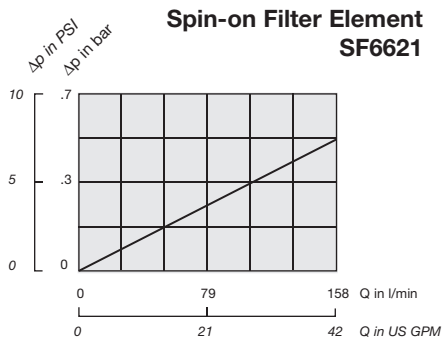
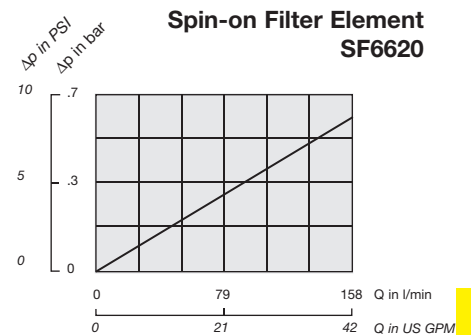
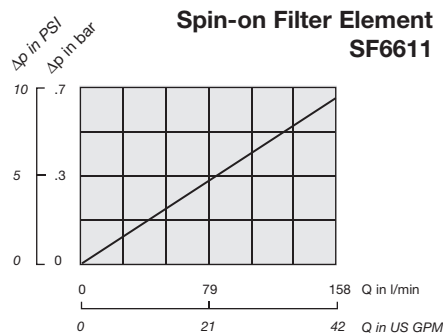
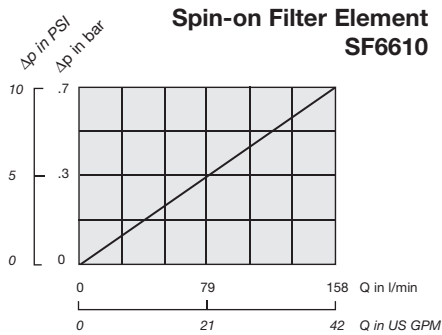
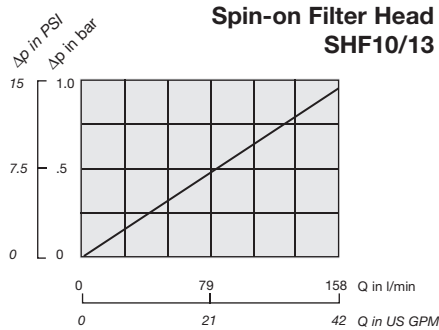
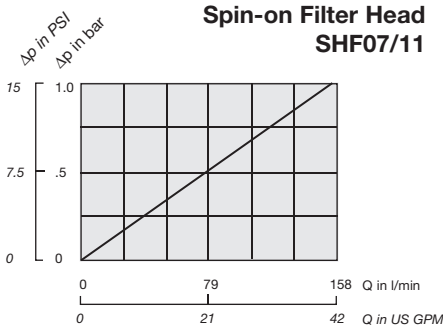
Dimensions and Ordering Code

Dimensions in mm (inch)

	Filter Paper				Microglass			
	SF6620	SF6621	SF6610	SF6611	SF6630-MG	SF6631-MG	SF6634-MG	SF6635-MG
								
Diameter	93.5 (3.68)	93.5 (3.68)	93.5 (3.68)	93.5 (3.68)	93.5 (3.68)	93.5 (3.68)	93.5 (3.68)	93.5 (3.68)
Length	147.6 (5.81)	203.2 (8.00)	147.6 (5.81)	203.2 (8.00)	147.6 (5.81)	203.2 (8.00)	147.6 (5.81)	203.2 (8.00)
Element Thread	1 1/2-16 UNF	1 1/2-16UNF	1 1/2-16 UNF	1 1/2-16 UNF	1 1/2-16 UNF	1 1/2-16 UNF	1 1/2-16 UNF	1 1/2-16 UNF
Beta Ratio	$\beta_{10} \geq 2$	$\beta_{10} \geq 2$	$\beta_{25} \geq 2$	$\beta_{25} \geq 2$	$\beta_{12} \geq 200$	$\beta_{12} \geq 200$	$\beta_{25} \geq 200$	$\beta_{25} \geq 200$
Dirt Holding Capacity ACFTD (g)	14	22	19	29	24	37	29	44
Filtration Area	2431 cm ² (376.9 in ²)	3725 cm ² (577.4 in ²)	2077 cm ² (322.0 in ²)	3183 cm ² (493.3 in ²)	2268 cm ² (351.5 in ²)	3486 cm ² (540.4 in ²)	2268 cm ² (351.5 in ²)	3486 cm ² (540.4 in ²)
Maximum Working Pressure	27.5 bar (400 PSI)	27.5 bar (400 PSI)	27.5 bar (400 PSI)	27.5 bar (400 PSI)	27.5 bar (400PSI)	27.5 bar (400 PSI)	27.5 bar (400 PSI)	27.5 bar (400 PSI)
Carton Quantity	12	12	12	12	12	12	12	12
Carton Weight	7.3 kg (16 lb)	11 kg (24 lb)	7.3 kg (16 lb)	11 kg (24 lb)	7.3 kg (16 lb)	11 kg (24 lb)	7.3 kg (16 lb)	11 kg (24 lb)

Flow Characteristics

The following characteristics are valid for mineral oils with a density of 0,85 kg/dm³ and the kinematic viscosity of 30 mm²/s. The characteristics have been determined in accordance to ISO 3968.



FILTRATION

Technical Specification










Stauff SF6700-series spin-on elements are used with the Stauff SSF20/24/25/100/120/130/160/150 and 180 spin-on filters.

Seals	NBR (Buna-N®)
Seal contour	SF6700-series elements have a outer seal (thin and wide style, supplied with element). See page F93 to determine which style of filter head to use.
Working pressure	max 14 bar (200 PSI), maximum pressure differential of 5.5 bar (80 PSI) for any application with no by-pass valve
Temperature range	-32°C to +100°C (-25°F to 212°F)
Media	Mineral oils, other fluids on request










Dimensions and Ordering Code

Dimensions in mm (inch)

	Microglass								
	SF6702-MG	SF6703-MG	SF6704-MG	SF6706-MG	SF6707-MG	SF6730-MG	SF6731-MG	SF6728-MG	SF6726-MG
									
Diameter	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)
Length	270 (10.6)	168 (6.6)	270 (10.6)	168 (6.6)	270 (10.6)	168 (6.6)	270 (10.6)	168 (6.6)	270 (10.6)
Element Thread	1½ -16 UNF	1½ -16 UNF	1½ -16 UNF	1½ -16 UNF	1½ -16 UNF	1½ -16 UNF	1½ -16 UNF	1½ -16 UNF	1½ -16 UNF
Beta Ratio	β ₁ ≥ 200	β ₃ ≥ 200	β ₃ ≥ 200	β ₆ ≥ 200	β ₆ ≥ 200	β ₁₂ ≥ 200	β ₁₂ ≥ 200	β ₂₅ ≥ 200	β ₂₅ ≥ 200
Dirt Holding Capacity ACFTD (g)	30	31	47	35	54	38	59	50	76
Filtration Area	8167 cm ² (1266 in ²)	4051 cm ² (628 in ²)	8167 cm ² (1266 in ²)	4051 cm ² (628 in ²)	7200 cm ² (1116 in ²)	4051 cm ² (628 in ²)	7522 cm ² (1166 in ²)	4051 cm ² (628 in ²)	8167 cm ² (1266 in ²)
Maximum Working Pressure	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)
Carton Quantity	6	6	6	6	6	6	6	6	6
Carton Weight	11,8 kg (26.1 lb)	8,2 kg (18 lb)	11,8 kg (26.1 lb)	8,2 kg (18 lb)	11,8 kg (26.1 lb)	8,2 kg (18 lb)	11,8 kg (26.1 lb)	8,2 kg (18 lb)	11,8 kg (26.1 lb)

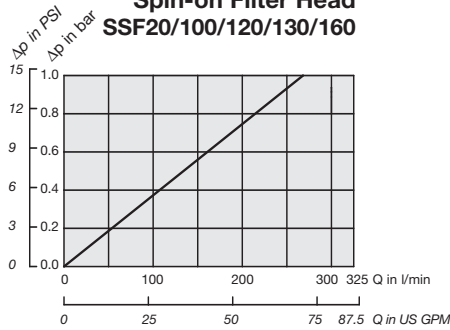
Dimensions in mm (inch)

	Filter Paper				Stainless Wire Mesh		Water Absorbing
	SF6720	SF6721	SF6710	SF6711	SF6790	SF6791	SF6721-W
							
Diameter	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)
Length	168 (6.6)	270 (10.6)	168 (6.6)	270 (10.6)	168 (6.6)	270 (10.6)	270 (10.6)
Element Thread	1½ -16 UNF	1½ -16 UNF	1½ -16 UNF	1½ -16 UNF	1½ -16 UNF	1½ -16 UNF	1½ -16 UNF
Beta Ratio	β ₁₀ ≥ 2	β ₁₀ ≥ 2	β ₂₅ ≥ 2	β ₂₅ ≥ 2	n/a	n/a	β ₁₀ ≥ 2
Dirt Holding Capacity ACFTD (g)	34	62	34	62	n/a	n/a	Water holding capacity 444 ml (15 oz)
Filtration Area	3677 cm ² (570 in ²)	6813 cm ² (1056 in ²)	3677 cm ² (570 in ²)	6813 cm ² (1056 in ²)	1290 cm ² (200 in ²)	2032 cm ² (315 in ²)	4440 cm ² (688 in ²)
Maximum Working Pressure	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)	14 bar (200 PSI)
Carton Quantity	6	6	6	6	6	6	6
Carton Weight	6,6 kg (14.6 lb)	7,9 kg (17.5 lb)	6,7 kg (14.9 lb)	9,3 kg (20.6 lb)	8,2 kg (18 lb)	11,8 kg (26.1 lb)	11,8 kg (26.1 lb)

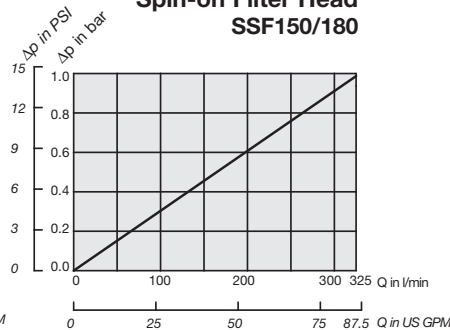
Flow Characteristics

The following characteristics are valid for mineral oils with a density of 0,85 kg/dm³ and the kinematic viscosity of 30 mm²/s. The characteristics have been determined in accordance to ISO 3968.

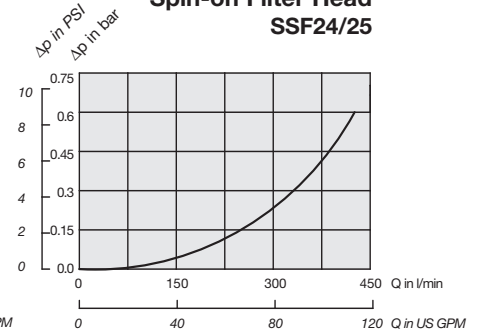
Spin-on Filter Head
SSF20/100/120/130/160



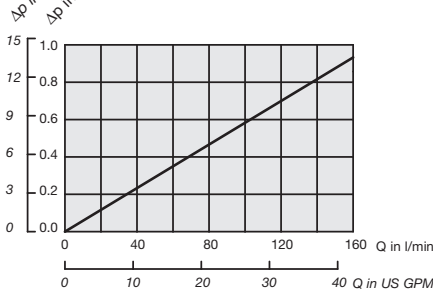
Spin-on Filter Head
SSF150/180



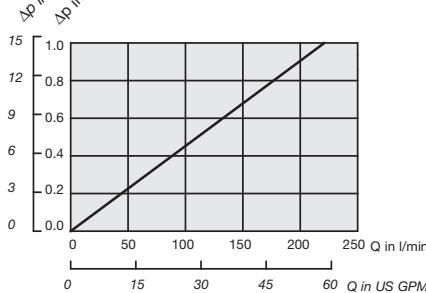
Spin-on Filter Head
SSF24/25



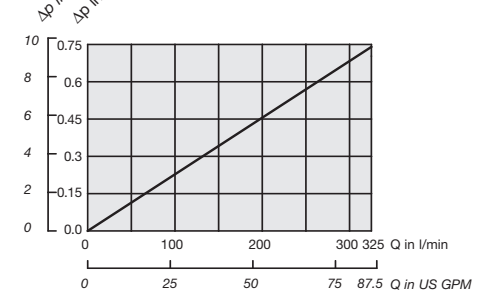
Spin-on Filter Element
SF6702-MG



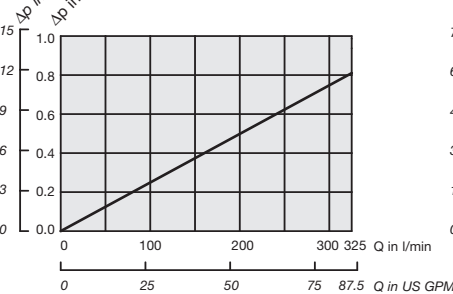
Spin-on Filter Element
SF6703-MG



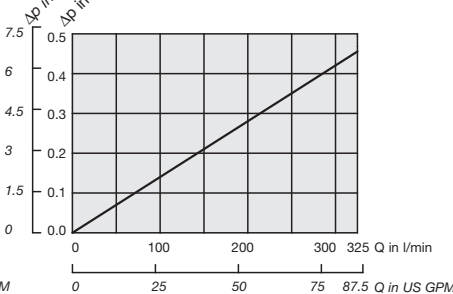
Spin-on Filter Element
SF6704-MG



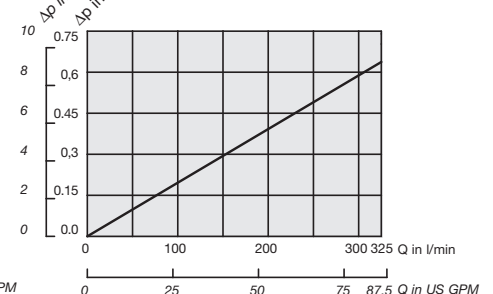
Spin-on Filter Element
SF6706-MG



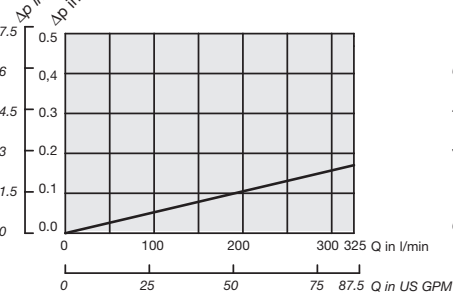
Spin-on Filter Element
SF6707-MG



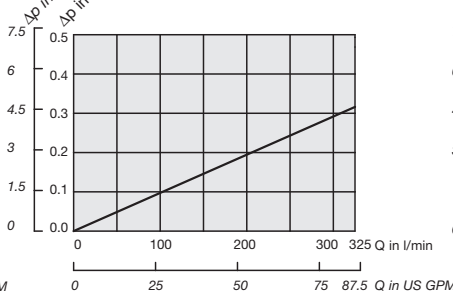
Spin-on Filter Element
SF6730-MG



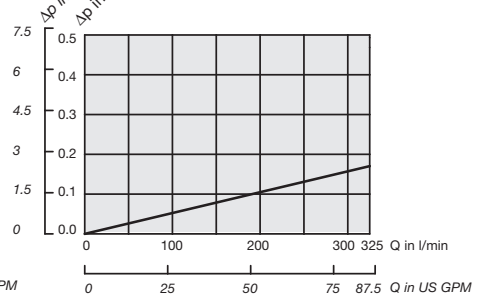
Spin-on Filter Element
SF6731-MG



Spin-on Filter Element
SF6728-MG



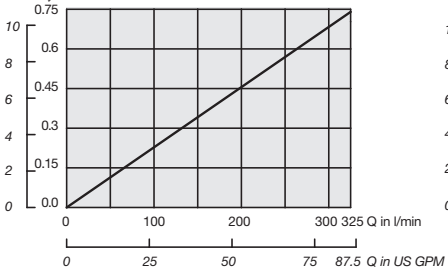
Spin-on Filter Element
SF6726-MG



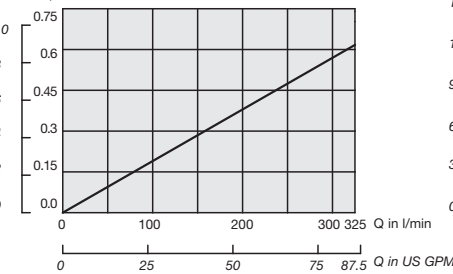
Flow Characteristics

The following characteristics are valid for mineral oils with a density of 0,85 kg/dm³ and the kinematic viscosity of 30 mm²/s. The characteristics have been determined in accordance to ISO 3968.

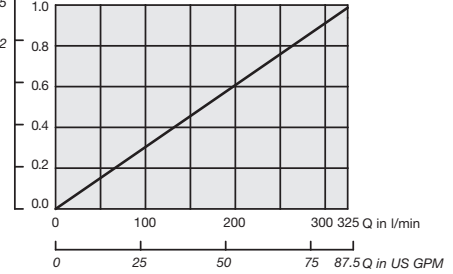
Spin-On Filter Element SF6720



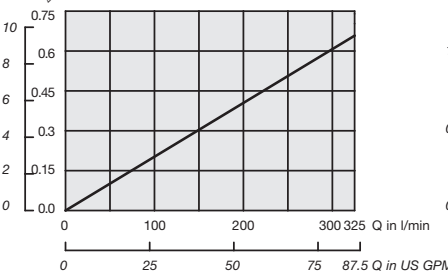
Spin-On Filter Element SF6721



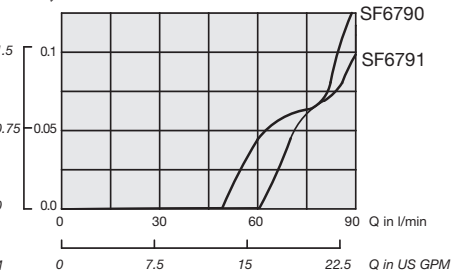
Spin-On Filter Element SF6710



Spin-On Filter Element SF6711



Spin-On Filter Element SF6790/91



Stauff SFC-35/36 series spin-on elements are used with the Stauff SSF-12 spin-on filters with G 3/4 threaded posts.

Stauff SFCT-35/36 series spin-on elements have an internal 1.7 bar (25 PSI) by-pass and anti-drain back diaphragm for use with Stauff SSFT-12 tank top spin-on filters.

Technical Specification

Seals	NBR (Buna-N®)
Working pressure	max 12 bar (174 PSI), maximum pressure differential of 5,5 bar (80 PSI) for any application with no by-pass valve
Temperature range	-32°C to +100°C (-25°F to 212°F)
Media	Mineral oils, other fluids on request



Dimensions and Ordering Code

Dimensions in mm (inch)

	Filter Paper				Microglass		Wire Mesh		Brass Mesh	
	SFC & SFCT 3510E	SFC & SFCT 3610E	SFC & SFCT 3525E	SFC & SFCT 3625E	SFC & SFCT 3510AE	SFC & SFCT 3610AE	SFC & SFCT 3560E	SFC & SFCT 3660E	SFC & SFCT 35125E	SFC & SFCT 36125E
Diameter	98 (3.86)	98 (3.86)	98 (3.86)	98 (3.86)	98 (3.86)	98 (3.86)	98 (3.86)	98 (3.86)	98 (3.86)	98 (3.86)
Length	145 (5.7)	190 (7.5)	145 (5.7)	190 (7.5)	145 (5.7)	190 (7.5)	145 (5.7)	190 (7.5)	145 (5.7)	190 (7.5)
Element Thread	G ^{3/4}	G ^{3/4}	G ^{3/4}	G ^{3/4}	G ^{3/4}	G ^{3/4}	G ^{3/4}	G ^{3/4}	G ^{3/4}	G ^{3/4}
Beta Ratio	β10 ≥ 2	β10 ≥ 2	β25 ≥ 2	β25 ≥ 2	β10 ≥ 200	β10 ≥ 200	n/a	n/a	n/a	n/a
By-pass Setting (SFCT-series only)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)
Maximum Working Pressure	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)
Carton Quantity	1	1	1	1	1	1	1	1	1	1
Carton Weight	0,9 kg (2 lb)	1,3 kg (2.6 lb)	0,9 kg (2 lb)	1,3 kg (2.6 lb)	0,9 kg (2 lb)	1,3 kg (2.6 lb)	0,9 kg (2 lb)	1,3 kg (2.6 lb)	0,9 kg (2 lb)	1,3 kg (2.6 lb)

Stauff SFC-57 and SFC-58 series spin-on elements are used with the Stauff SSF-20/24/25/100/120/130 and 160 series spin-on filters with G 1 1/4 threaded posts.

Stauff SFCT-57/58 series spin-on elements have an internal 1.7 bar (25 PSI) by-pass and anti-drain back diaphragm for use with Stauff SSFT-20 tank top spin-on filters.





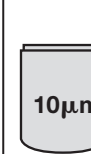

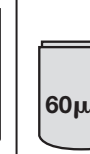
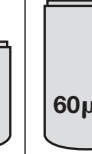
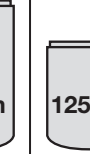
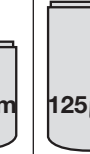
Technical Specification

Seals	NBR (Buna-N®)
Working pressure	max 12 bar (174 PSI), maximum pressure differential of 5,5 bar (80 PSI) for any application with no by-pass valve
Temperature range	-32°C to +100°C (-25°F to 212°F)
Media	Mineral oils, other fluids on request



Dimensions and Ordering Code

Dimensions in mm (inch)

	Filter Paper				Microglass		Wire Mesh		Brass Mesh	
	SFC & SFCT 5710E	SFC & SFCT 5810E	SFC & SFCT 5725E	SFC & SFCT 5825E	SFC & SFCT 5710AE	SFC & SFCT 5810AE	SFC & SFCT 5760E	SFC & SFCT 5860E	SFC & SFCT 57125E	SFC & SFCT 58125E
										
Diameter	132 (5.2)	132 (5.2)	132 (5.2)	132 (5.2)	132 (5.2)	132 (5.2)	132 (5.2)	132 (5.2)	132 (5.2)	132 (5.2)
Length	180 (7.1)	226 (8.9)	180 (7.1)	226 (8.9)	180 (7.1)	226 (8.9)	180 (7.1)	226 (8.9)	180 (7.1)	226 (8.9)
Element Thread	G 1 1/4	G 1 1/4	G 1 1/4	G 1 1/4	G 1 1/4	G 1 1/4	G 1 1/4	G 1 1/4	G 1 1/4	G 1 1/4
Beta Ratio	β10 ≥ 2	β10 ≥ 2	β25 ≥ 2	β25 ≥ 2	β10 ≥ 200	β10 ≥ 200	n/a	n/a	n/a	n/a
By-pass Setting (SFCT-series only)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)	1.7 bar (25 PSI)
Maximum Working Pressure	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)	12 bar (174 PSI)
Carton Quantity	1	1	1	1	1	1	1	1	1	1
Carton Weight	1,4 kg (3 lb)	1,85 kg (4 lb)	1,4 kg (3 lb)	1,85 kg (4 lb)	1,4 kg (3 lb)	1,85 kg (4 lb)	0,9 kg (2 lb)	1,3 kg (2.6 lb)	0,9 kg (2 lb)	1,3 kg (2.6 lb)

Flow Characteristics

The following characteristics are valid for mineral oils with a density of 0,85 kg/dm³ and the kinematic viscosity of 30 mm²/s. The characteristics have been determined in accordance to ISO 3968.

