

Technical Specification

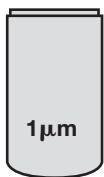








Stauff SF6700-series spin-on elements are used with the Stauff SSF20/24/25/100/120/130/160/150 and 180 spin-on filters.

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)

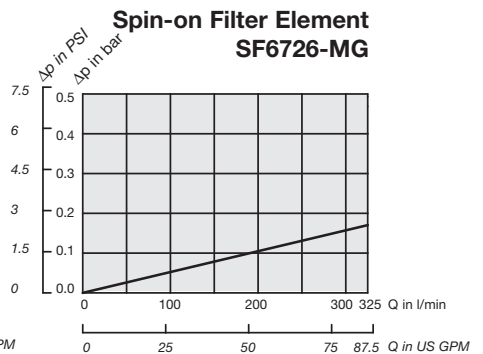
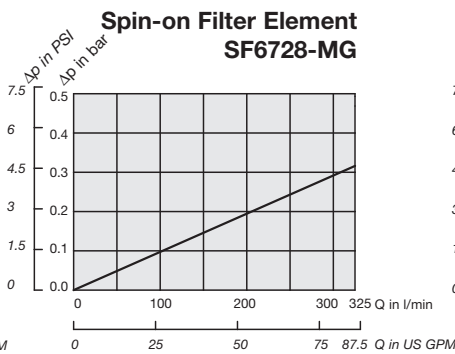
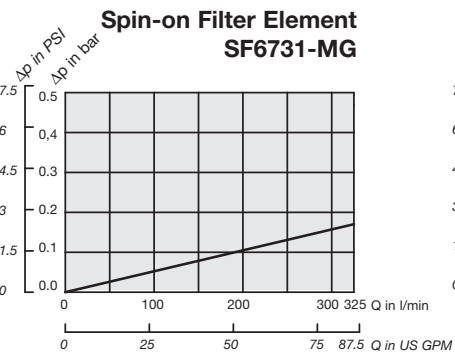
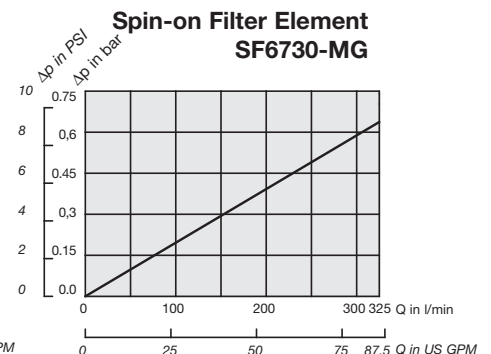
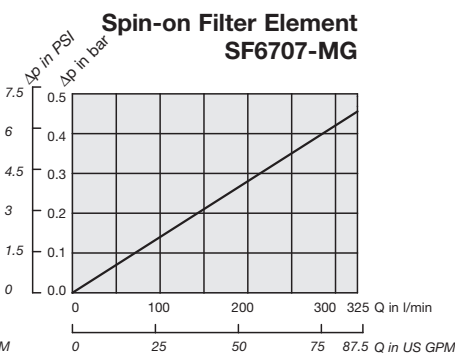
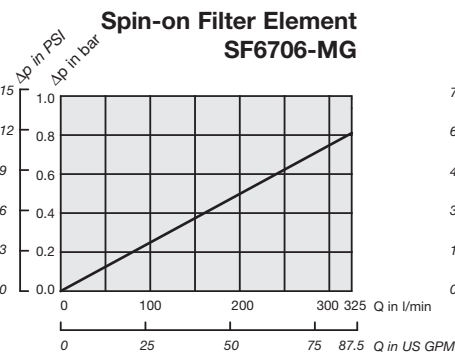
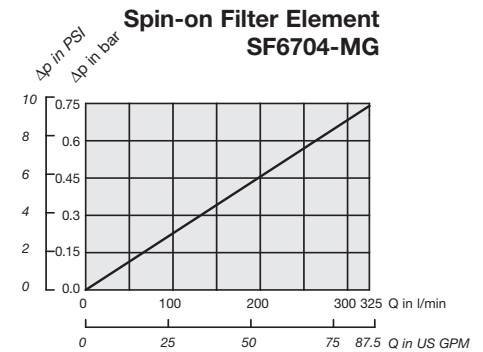
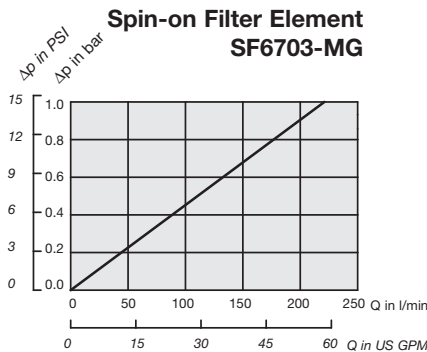
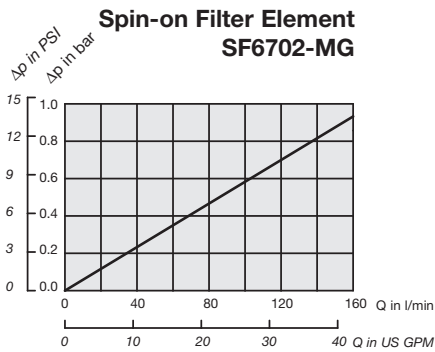
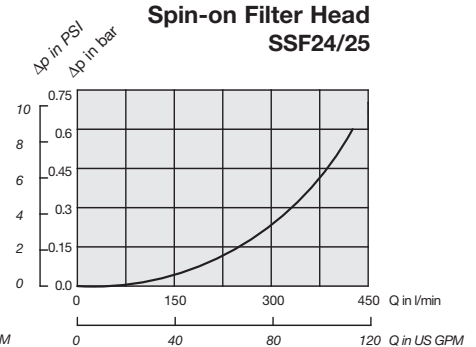
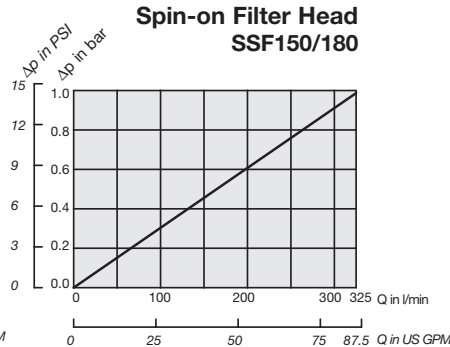
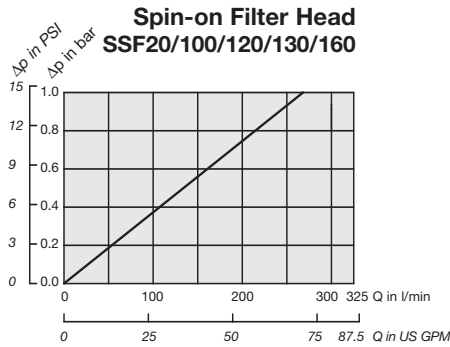
	Microglass								
	SF6702-MG	SF6703-MG	SF6704-MG	SF6706-MG	SF6707-MG	SF6730-MG	SF6731-MG	SF6728-MG	SF6726-MG
									
Diameter	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)	128 (5.1)
Length	270 (10.6)	168 (6.6)	270 (10.6)	168 (6.6)	270 (10.6)	168 (6.6)	270 (10.6)	168 (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

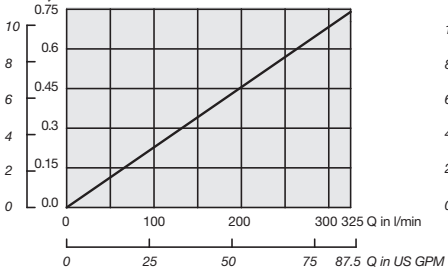
The following characteristics are valid for mineral oils with a density of 0,85 kg/dm³ and the kinematic viscosity of 30 mm²/s. The characteristics have been determined in accordance to ISO 3968.



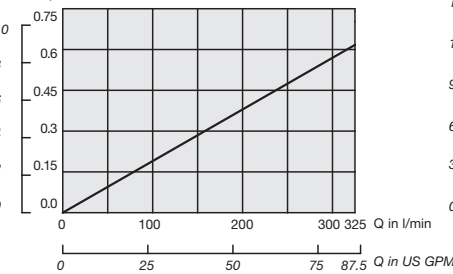
Flow Characteristics

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.

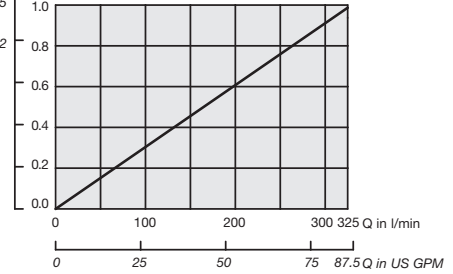
Spin-On Filter Element SF6720



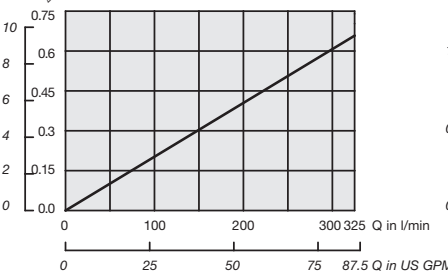
Spin-On Filter Element SF6721



Spin-On Filter Element SF6710



Spin-On Filter Element SF6711



Spin-On Filter Element SF6790/91

