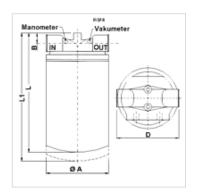
Spin-on return flow filter type 1



Properties					
Design	with bypass valve 1.75 bar				
Temp. min.	-25 °C				
Temp. max.	110 °C				
Material	Filter head in aluminum Gasket: NBR				
Operating pressure	max. 12 bar				
Filter mesh size	10 μm				





Note

For utilization as a suction filter a suction filter head FI SP S FK *** must be used.

Description

Spin-on filters for pipeline installation

Pressure differential for paper filter element (P) max. 4 bar

Pressure differential for filter inorganic element (A) max. 4 bar

Design (Qmax.) for medium ISO VG 46
br>at 50°C (30 mm2/s) at Δptot = 0.4 bar

Ordering information

Other filter materials and filters for other types of oil, viscosities or temperatures available on request

Filter area	Filter material	Line connection	Q max. (L/min)	B (mm)	D (mm)	Ø A (mm)	L (mm)	L1 (mm)	Weight (kg)
1900	inorganic	G 3/4"	48	22	95	96,0	180,0	200,0	1,0
2240	organic	G 3/4"	55	22	95	96,0	180,0	200,0	1,0
3160	inorganic	G 3/4"	53	22	95	96,0	248,0	268,0	1,3
4140	organic	G 3/4"	58	22	95	96,0	248,0	268,0	1,3
3950	inorganic	G 1.1/4"	110	30	133	129,0	241,0	266,0	2,2
4300	organic	G 1.1/4"	130	30	133	129,0	241,0	266,0	2,2
5390	inorganic	G 1.1/4"	115	30	133	129,0	286,0	311,0	2,3
5760	organic	G 1.1/4"	150	30	133	129,0	286,0	311,0	2,3
	(cm2) 1900 2240 3160 4140 3950 4300 5390	(cm2) 1900 inorganic 2240 organic 3160 inorganic 4140 organic 3950 inorganic 4300 organic 5390 inorganic	(cm2) 1900 inorganic G 3/4" 2240 organic G 3/4" 3160 inorganic G 3/4" 4140 organic G 3/4" 3950 inorganic G 1.1/4" 4300 organic G 1.1/4" 5390 inorganic G 1.1/4"	(cm2) (L/min) 1900 inorganic G 3/4" 48 2240 organic G 3/4" 55 3160 inorganic G 3/4" 53 4140 organic G 3/4" 58 3950 inorganic G 1.1/4" 110 4300 organic G 1.1/4" 130 5390 inorganic G 1.1/4" 115	(cm2) (L/min) (mm) 1900 inorganic G 3/4" 48 22 2240 organic G 3/4" 55 22 3160 inorganic G 3/4" 53 22 4140 organic G 3/4" 58 22 3950 inorganic G 1.1/4" 110 30 4300 organic G 1.1/4" 130 30 5390 inorganic G 1.1/4" 115 30	(cm2) (L/min) (mm) (mm) 1900 inorganic G 3/4" 48 22 95 2240 organic G 3/4" 55 22 95 3160 inorganic G 3/4" 53 22 95 4140 organic G 3/4" 58 22 95 3950 inorganic G 1.1/4" 110 30 133 4300 organic G 1.1/4" 130 30 133 5390 inorganic G 1.1/4" 115 30 133	(cm2) (L/min) (mm) (mm) (mm) 1900 inorganic G 3/4" 48 22 95 96,0 2240 organic G 3/4" 55 22 95 96,0 3160 inorganic G 3/4" 53 22 95 96,0 4140 organic G 3/4" 58 22 95 96,0 3950 inorganic G 1.1/4" 110 30 133 129,0 4300 organic G 1.1/4" 130 30 133 129,0 5390 inorganic G 1.1/4" 115 30 133 129,0	(cm2) (L/min) (mm) (mm) (mm) 1900 inorganic G 3/4" 48 22 95 96,0 180,0 2240 organic G 3/4" 55 22 95 96,0 180,0 3160 inorganic G 3/4" 53 22 95 96,0 248,0 4140 organic G 3/4" 58 22 95 96,0 248,0 3950 inorganic G 1.1/4" 110 30 133 129,0 241,0 4300 organic G 1.1/4" 130 30 133 129,0 241,0 5390 inorganic G 1.1/4" 115 30 133 129,0 286,0	(cm2) (L/min) (mm) (200,0) (200,0) (200,0)

Qmax - max intake volumetric flow

Accessories

HK VA MAN Clogging indicator pressure gauge

Spare parts	
FI SP E MP	Filter element for spin-on filter MP
FI SP R/S FK	Filter head for spin-on return flow filter / suction filter