



TECHNICAL DATA SHEET

Rev.01 - 18/11/2020

Standard filters

MODEL

F0190

Filter capacity	l/min	19000	Flow rates at 7 bar and 20°C QF - Dust Filtration PF - General purpose Protection Filtration HF - High Efficiency Oil Removal Filtration CF - Activated Carbon Filtration
	m³/h	1140	
Working pressure	bar	7 (16 max)	
Air connections	IN/OUT	2"½ BSP	
Net weight	Kg	4,8	
Standard type of drain	Manual		

Filtration grade		QF	PF	HF	CF
Complete filter code		04A.1140.QG00	04A.1140.PG00	04A.1140.HG00	04A.1140.CG00
Filter element code		04E.1140.Q	04E.1140.P	04E.1140.H	04E.1140.C
Physical filtration process		Interception	Interception + coalescing	Interception + coalescing	Adsorption
Max solid dimension intercepted (ISO 8573-1)	µm	1 µ	0,1 µ	0,01 µ	//
Max solid dimension intercepted (ISO 8573-1)	Class	3	2	1	//
Remaining oil content after filtration (ISO 8573-1)	mg/m³	//	0,1 mg/m³	0,01 mg/m³	0,003 mg/m³
Remaining oil content after filtration (ISO 8573-1)	Class	//	2	1	//
Max temperature	°C	100	100	100	60
Pressure drop with new element	bar	0,05	0,1	0,1	0,08
Pressure drop with saturated elements	bar	0,6	0,6	0,6	0,6
Element replacement time	hours	4000 h	3500 h	3500 h	3000 h
Element replacement time	months	6	5	5	4

Line pressure [bar]	1	2	3	5	7	9	11	13	15	16
Correction factor	0,20	0,36	0,50	0,75	1,00	1,25	1,50	1,75	2,00	2,13

Dimensions (mm)	
A	675
B	165
C	54
D	150

