



TECHNICAL DATA SHEET

Rev.01 - 18/11/2020

Standard filters

MODEL

F1850

Filter capacity	l/min	183333	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	11000	
Working pressure	bar	7 (16 max)	
Air connections	IN/OUT	DN200	
Net weight	Kg	320	
Standard type of drain	Ball valve		

Filtration grade		QF	PF	HF	CF
Complete filter code		04F.A110.QG00	04F.A110.PG00	04F.A110.HG00	04F.A110.CG00
Filter element code		04E.A110.Q	04E.A110.P	04E.A110.H	04E.A110.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	0,4	0,4	0,4	0,4
Element replacement time	hours	4000 h	4000 h	4000 h	1000 h
Element replacement time	months	6	6	6	3

Line pressure [bar]	1	2	3	5	7	9	11	13	15	16
Correction factor	0,38	0,53	0,65	0,85	1,00	1,13	1,25	1,36	1,46	1,51

Dimensions (mm)	
A	1500
B	724
C	350
D	300

