



TECHNICAL DATA SHEET

Rev.01 - 18/11/2020

High Temperature Filters

MODEL

F1850 HDT

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
	m³/h	11000	
Working pressure	bar	7 (16 max)	
Air connections	IN/OUT	DN200	
Net weight	Kg	192	

Standard type of drain

Filtration grade		QF	PF	HF
Complete filter code		04G.A110.QG00	04G.A110.PG00	04G.A110.HG00
Filter element code		04E.A110GQ	04E.A110GP	04E.A110GH
Physical filtration process		Interception	Interception + coalescing	Interception + coalescing
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 12500-1)	mg/m³	//	0,1 mg/m³	0,01 mg/m³
Remaining oil content after filtration (ISO 12500-1)	Class	//	2	1
Max temperature	°C	150	150	150
Pressure drop with new element	bar	0,05	0,1	0,1
Pressure drop with saturated elements	bar	0,4	0,4	0,4
Element replacement time	hours	4000 h	4000 h	4000 h
Element replacement time	months	6	6	6

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	1460
B	724
C	335
D	780

