



TECHNICAL DATA SHEET

Rev.00 - 24/11/2015

High Temperature Filters

MODEL

F1850 HDT

Filter capacity	l/min	183333
	m³/h	11000
Working pressure	bar	7 (16 max)
Air connections	IN/OUT	DN200 BSP
Net weight	Kg	192

Flow rates at 7 bar and 20°C

QF - Dust Filtration
PF - General purpose Protection Filtration
HF - High Efficiency Oil Removal Filtration

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.A110.Q	04E.A110.P	04E.A110.H
Physical filtration process		Interception	Interception+coal escing	Interception+coal escing
Max solid dimension intercepted (ISO 8573-1)	µm	1 µ	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	//	0,6 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

