



TECHNICAL DATA SHEET

Rev.00 - 24/11/2015

High Temperature Filters

MODEL

F0170 HDT

Filter capacity	l/min	16667	Flow rates at 7 bar and 20°C QF - Dust Filtration PF - General purpose Protection Filtration HF - High Efficiency Oil Removal Filtration
	m³/h	1000	
Working pressure	bar	7 (16 max)	
Air connections	IN/OUT	2" BSP	
Net weight	Kg	9,2	
Standard type of drain	Ball valve		

Filtration grade		QF	PF	HF
Complete filter code		04D.1000.QG00	04D.1000.PG00	04D.1000.HG00
Filter element code		04E.1000DQ	04E.1000DP	04E.1000DH
Physical filtration process		Interception	Interception+coalescing	Interception+coalescing
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	705
B	170
C	52
D	170

