



TECHNICAL DATA SHEET

Rev.00 - 24/11/2015

High Temperature Filters

MODEL

F0450 HDT

Filter capacity	l/min	45000	Flow rates at 7 bar and 20°C QF - Dust Filtration PF - General purpose Protection Filtration HF - High Efficiency Oil Removal Filtration
	m³/h	2700	
Working pressure	bar	7 (16 max)	
Air connections	IN/OUT	3" BSP	
Net weight	Kg	17,2	
Standard type of drain	Ball valve		

Filtration grade		QF	PF	HF
Complete filter code		04D.2700.QG00	04D.2700.PG00	04D.2700.HG00
Filter element code		04E.2700DQ	04E.2700DP	04E.2700DH
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	1035
B	200
C	68
D	170

