



# TECHNICAL DATA SHEET

## Heavy Duty Hi-Temperature Filter F0025 HDT

04D.0150.\_G00

Rev. 00

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### Heavy Duty Hi-Temperature Filters

#### MODEL

F0025 HDT

<b>RATED FLOW:</b>	l/min	2500	flow rates 7bar and 20°C
	m3/h	150	
<b>Working press.</b>	bar	7	
<b>Max. Working press.</b>	bar	16	
<b>Max. Temperature</b>	°C	150	
<b>Air connections</b>	IN/OUT	1"	
<b>Weight</b>	kg	4,30	

#### Accessories

<b>Manometer</b>	optional
<b>Automatic drain SC12/34 HD</b>	optional
<b>Drain ball valve</b>	standard



Filter type	STD	QF	PF	HF
Complete filter Code		04D.0150.Q	04D.0150.P	04D.0150.H
Filter elements code/SET		04E.0150DQ	04E.0150DP	04E.0150DH
Physical filtration process		Interception	Interception +coalescing	Interception +coalescing
Max. solid dimension intercepted	ISO 8573-1/10 $\mu\text{m}$	1	1	0,01
Remaining oil content after filtration	ISO 12500-1/07 $\text{mg/m}^3$	//	0,6	0,01
Max. inlet air temperature	°C	150	150	150
Press. Drop with new elements	bar	0,05	0,1	0,1
Press. Drop with saturated elements.	bar	0,4	0,4	0,4
Element replacement time	h	4000	4000	4000
Element replacement time	month	6	6	6

Line Pressure   bar	1	2	3	5	7	9	11	13	15	16
Correction Factors	0,38	0,53	0,65	0,85	1	1,13	1,25	1,36	1,46	1,51

#### Example of calculation

Pressure	bar	2	7	11	16
Correction Factors		0,53	1	1,25	1,51
Calculation	$\text{m}^3/\text{h}$	79,5	150	187,5	226,5

#### Dimensions

A	mm	120
B	mm	36
C	mm	435
D	mm	170

