

High pressure filters

MODEL

F0050 HP

Filter capacity	l/min	25000	Flow rates at 40 bar and 20°C
	m³/h	1500	
Working pressure	bar	40 (45 max)	
Air connections	IN/OUT	1" BSP	
Net weight	Kg	2,8	
Standard type of drain	Manual		QF - Dust Filtration PF - General purpose Protection Filtration HF - High Efficiency Oil Removal Filtration CF - Activated Carbon Filtration

Filtration grade		QF	PF	HF	CF
Complete filter code		04B.0300BQGA0	04B.0300BPGA0	04B.0300BHGA0	04B.0300BCGA0
Filter element code		04E.0300DQ	04E.0300DP	04E.0300DH	04E.0300DC
Physical filtration process		Interception	Interception + coalescing	Interception + coalescing	Adsorption
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 8573-1)	mg/m³	//	0,1 mg/m³	0,01 mg/m³	0,003 mg/m³
Remaining oil content after filtration (ISO 8573-1)	Class	//	2	1	//
Max temperature	°C	80	80	80	30
Pressure drop with new element	bar	0,05	0,1	0,1	0,08
Pressure drop with saturated elements	bar	0,08	0,16	0,18	0,12
Element replacement time	hours	4000 h	4000 h	4000 h	1000 h
Element replacement time	months	6	6	6	3

Line pressure [bar]	1	4	10	16	22	25	31	37	40	45
Correction factor	0,05	0,14	0,30	0,47	0,60	0,67	0,80	0,93	1,00	1,02

