

High pressure filters

MODEL

F0016 HDP

Filter capacity	l/min	7200	Flow rates at 40 bar and 20°C QF - Dust Filtration PF - General purpose Protection Filtration HF - High Efficiency Oil Removal Filtration CF - Activated Carbon Filtration
	m³/h	432	
Working pressure	bar	40 (40 max)	
Air connections	IN/OUT	¾" BSP	
Net weight	Kg	1,8	
Standard type of drain	Manual		

Filtration grade		QF	PF	HF	CF
Complete filter code		04B.0096.Q.G.A.0	04B.0096.P.G.A.0	04B.0096.H.G.A.0	04B.0096.C.G.A.0
Filter element code		04E.0096HQ	04E.0096HP	04E.0096HH	04E.0096HC
Physical filtration process		Interception	Interception+coal escing	Interception+coal escing	Adsorption
Max solid dimension intercepted (ISO 8573-1)	µm	5 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	//	0,1 mg/m³	0,01 mg/m³	0,003 mg/m³
Remaining oil content after filtration (ISO 12500-1)	Class	//	2	1	//
Max temperature	°C	100	100	100	60
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	3500 h	3500 h	3000 h
Element replacement time	months	6	5	5	4

Line pressure [bar]	7	10	13	16	20	24	28	32	36	40
Correction factor	0,22	0,30	0,39	0,47	0,56	0,65	0,74	0,82	0,91	1,00

