



TECHNICAL DATA SHEET

Rev.01 - 18/11/2020

Standard filters

MODEL

F0030

Filter capacity	l/min	3000
	m³/h	180
Working pressure	bar	7 (16 max)
Air connections	IN/OUT	¾" BSP
Net weight	Kg	0,7

Flow rates at 7 bar and 20°C

QF - Dust Filtration
PF - General purpose Protection Filtration
HF - High Efficiency Oil Removal Filtration
CF - Activated Carbon Filtration

Standard type of drain Manual

Filtration grade		QF	PF	HF	CF
Complete filter code		04A.0180.QG00	04A.0180.PG00	04A.0180.HG00	04A.0180.CG00
Filter element code		04E.0180.Q	04E.0180.P	04E.0180.H	04E.0180.C
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 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	0,6	0,6	0,6	0,6
Element replacement time	hours	4000 h	3500 h	3500 h	3000 h
Element replacement time	months	6	5	5	4

Line pressure [bar]	1	2	3	5	7	9	11	13	15	16
Correction factor	0,20	0,36	0,50	0,75	1,00	1,25	1,50	1,75	2,00	2,13

Dimensions (mm)	
A	280
B	90
C	25
D	100

