



TECHNICAL DATA SHEET

Rev.00 - 24/11/2015

High pressure filters

MODEL

F0450 HDP

Filter capacity	l/min	225000
	m³/h	13500
Working pressure	bar	40 (40 max)
Air connections	IN/OUT	3" BSP
Net weight	Kg	15,8

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

Standard type of drain Ball valve

Filtration grade		QF	PF	HF	CF
Complete filter code		04H.2700.QGA0	04H.2700.PGA0	04H.2700.HGA0	04H.2700.CGA0
Filter element code		04E.2700DQ	04E.2700DP	04E.2700DH	04E.2700DC
Physical filtration process		Interception	Interception+coal escing	Interception+coal escing	Adsorption
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	0,003 mg/m³
Remaining oil content after filtration (ISO 12500-1)	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	0,4	0,4	0,4	0,4
Element replacement time	hours	4000 h	4000 h	4000 h	1000 h
Element replacement time	months	6	6	6	3

Line pressure [bar]	7	10	13	16	20	24	28	32	36	40
Correction factor	0,20	0,27	0,35	0,42	0,52	0,61	0,71	0,81	0,90	1,00

Dimensions (mm)	
A	1035
B	200
C	68
D	170

