

High Temperature Filters

MODEL

AF HT 190

Filter capacity	l/min	3167	Flow rates at 7 bar and 20°C
	m³/h	190	
Working pressure	bar	7 (16 max)	
Air connections	IN/OUT	1" BSP	
Net weight	Kg	2,1	
Standard type of drain	Ball valve		

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

Filtration grade		QF	PF	HF
Complete filter code		04D.0190CQG00	04D.0190CPG00	04D.0190CHG00
Filter element code		04E.0190CQ	04E.0190CP	04E.0190CH
Physical filtration process		Interception	Interception + coalescing	Interception + coalescing
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
Remaining oil content after filtration (ISO 8573-1)	Class	//	2	1
Max temperature	°C	150	150	150
Pressure drop with new element	bar	0,05	0,1	0,1
Pressure drop with saturated elements	bar	0,4	0,4	0,4
Element replacement time	hours	4000 h	4000 h	4000 h
Element replacement time	months	6	6	6

Line pressure [bar]	1	2	3	5	7	9	11	13	15	16
Correction factor	0,38	0,53	0,65	0,85	1,00	1,13	1,25	1,36	1,46	1,51

