IF 110 (all Types)

Data sheet for compressed air filter IF110 and filter element IFE110 (all types)

Rev. 0-02.16

Technical data of element type IFE110FF3

Capacity – Element			
Capacity nominal	m³/h	360 at 7 bar	
Capacity maximal	m³/h	756 at 16 bar	
Max. working pressure	bar	16	
Diff. pressure when new	mbar	40	concerning 20°C and 1 bar
Pressure drop when oily	mbar	75	concerning 20°C and 1 bar
Saturated	mbar	400	Element change
Particle filtration	µ	3	
Remaining oil rate	mg/m³	3	concerning 20°C and 1 bar
Operating temperature max.	°C	80	

Structure – Element	
Flow direction	From inside to outside
End caps	Plastic (heat resistant up to 120°C)
Inner sleeve	Stainless steel
Outer sleeve	Stainless steel
Filter medium	Wrapped boronsilicate - microfiber
1. Phase	Pre filtration
2. Phase	Depth filtration medium
3. Phase	Final filter fleece
4. Phase	Needle felt
Volume at 20°C	96%

Technical data of element type IFE110SMA

Capacity – Element			
Capacity nominal	m³/h	360 at 7 bar	
Capacity maximal	m³/h	756 at 16 bar	
Max. working pressure	bar	16	
Diff. pressure when new	mbar	100	concerning 20°C and 1 bar
Pressure drop when oily	mbar	250	concerning 20°C and 1 bar
Saturated	mbar	400	Element change
Particle filtration	µ	0,01	
Remaining oil rate	mg/m³	0,01	concerning 20°C and 1 bar
Operating temperature max.	°C	80	(50°C recommended)

Structure – Element	
Flow direction	From inside to outside
End caps	Plastic (heat resistant up to 120°C)
Inner sleeve	Stainless steel
Outer sleeve	Stainless steel
Filter medium	Wrapped boronsilicate - microfiber
1. Phase	Pre filtration
2. Phase	Depth filtration medium
3. Phase	Final filter fleece
4. Phase	Needle felt
Volume at 20°C	96%

IF 110 (all Types)

Data sheet for compressed air filter IF110 and filter element IFE110 (all types)

Rev. 0-02.16

Technical data of element type IFE110CA

Capacity – Element			
Capacity nominal	m³/h	360 at 7 bar	
Capacity maximal	m³/h	756 at 16 bar	
Max. working pressure	bar	16	
Diff. pressure when new	mbar	75	concerning 20°C and 1 bar
Pressure drop when oily	mbar	---	concerning 20°C and 1 bar
Saturated	mbar	semiannual	Element change
Remaining oil rate	mg/m³	0,003	concerning 20°C and 1 bar
Operating temperature max.	°C	25	

Structure – Element	
Flow direction	From inside to outside
End caps	Plastic (heat resistant up to 120°C)
Inner sleeve	Stainless steel
Outer sleeve	Stainless steel
Filter medium	carbon impregnated nonwoven medium
1. Phase	Activated carbon layer
2. Phase	Final filtration
Volume at 20°C	96%

Technical data filter housing IF110G

Structure – Capacity			
Connection	Rp	1” Internal thread	
Outside colour	RAL	9006 (powder painted)	
Coating inside/ outside		Corrosion protective coating	
Max. working pressure	bar	16	
CE Norm		free	(according to 97/23/EWG)
Material		Aluminium	
Attachment element		hanging	
Measures	height	478mm	
	Ø	130mm	
		40mm	Upper edge to drilling centre
Standard delivery		Filter element IFE110	(all types)
		Ball valve KH12	
Standard delivery activated carbon		Filter element IFE110CA	
		Ball valve KH12	
Optional		Differential pressure indicator (DPN) height 57,5mm	
Connection for condensate drain	Rp	1/2”	