Filter Advantage 202 ABEK - P3

Technical Datasheet

Description			
Name	Advantage 202 ABEK - P3		
Part Number	430374		
Marking according to EN	A2 B2 E1 K1 P3 R		
Conditions of use	• organic gases and vapors with a boiling point > 65° C • inorganic gases and vapors, e.g. chlorine, hydrogen sulfide, hydrogen cyanide • sulfur dioxide, hydrogen chloride and other acid gases • ammonia and organic ammonia derivatives • against non-volatile liquid and solid particles		
Colour code	brown		
	grey		
	yellow		
	green		
	white		

Characteristics	
Weight (g)	150
Diameter (mm)	103 x 78
Height incl. thread (mm)	60
Connection	combination filter with bayonet for paired use

Breathing Resistance			
		EN 14387 requirements	**Typical values**
	at 15 l/min *	max. 260 Pa	150 Pa
	at 47,5 l/min *	max. 980 Pa	530 Pa

Concentration of Testing Gases	
Class 1	1000 ppm (0,1 Vol.-%)
Class 2	5000 ppm (0,5 Vol.-%)

Performances			
Filter type and class	**Gases of reference**	**EN 14387 requirements**	**Typical values**
A2	Cyclohexane (C6H12)	35 min	40-50 min
B2	Chlorine (Cl2)	20 min	30-40 min
	Hydrogen sulfide (H2S)	40 min	>80 min
	Hydrocyanic acid (HCN)	25 min	40-70 min
E1	Sulfur dioxide (SO2)	20 min	>70 min
K1	Ammonia (NH3)	50 min	>100 min
Filter type and class	**Particles of reference**	**EN 143 requirements**	**Typical values**
P3	Sodium chloride (NaCl)	max. 0,05%	< 0,009%
	Paraffin oil	max. 0,05%	< 0,004%
R	Reusable according EN 143:2000/A1:2006		
D	Dolomite clogging test & marking according to EN 143:2000/A1:2006 and EN 14387		

Material	
Housing	plastics
Cover (particle filter)	plastics
Filtering material	fiber glass paper / impregnated activated carbon

Details/Special Information			
Storage conditions & time	Factory sealed	- 5 °C to + 50°C, < 90 % r. h.	5,0 years

* Note: Test flow condition of EN 14387	When one filter of a multiple filter device is tested separately, the air flow specified for a test shall be divided by the number of filters through which the air flow is proportioned. 30 l/min : 2 filters = 15 l/min per filter 95 l/min : 2 filters = 47,5 l/min per filter The applicable performance requirements must be carried out at halved volume flow.