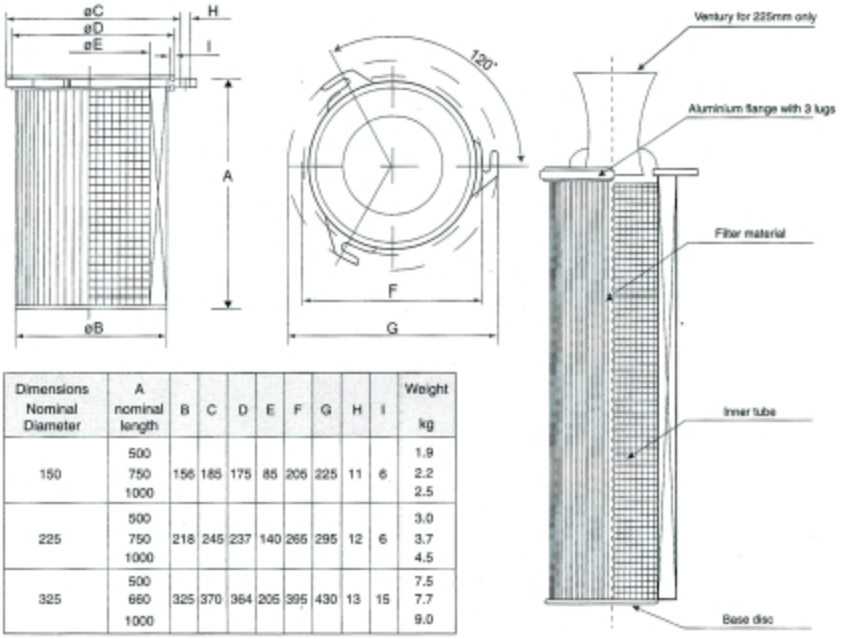
KEVO FILTERS
CARTRIDGE TYPE 3 LUGS

DESIGN



Dimensions Nominal Diameter	A nominal length	B	C	D	E	F	G	H	I	Weight kg
150	500 750 1000	156	185	175	85	205	225	11	6	1.9 2.2 2.5
225	500 750 1000	218	245	237	140	265	295	12	6	3.0 3.7 4.5
325	500 660 1000	325	370	364	205	395	430	13	15	7.5 7.7 9.0

Model	Diameter (ømm)	Height (mm)	Pleat Height (mm)	Material	Filter area (m^2)	Efficiency (%)	Max. Temp (°C)
C7-500S3150	150	500	25	Polyester/	2	84	80
C7-750S3150	150	750		Polyester	3	84	80
C7-1000S3150	150	1000		antistatic	4	84	80
C8-500S3150	150	500	25	Ultra	4	93	85
C8-750S3150	150	750		Cellulose	6	93	85
C8-1000S3150	150	1000		Paper	8	93	85
C7-500S3225	225	500	25	Polyester/	1.75	84	80
C7-750S3225	225	750		Polyester	3.75	84	80
C7-1000S3225	225	1000		antistatic	5	84	80
C8-500S3225	225	500	25	Ultra	2.5	93	85
C8-750S3225	225	750		Cellulose	7.5	93	85
C8-1000S3225	225	1000		Papxxaer	10	93	85
C7-500S3325	325	500	50	Polyester/	8	84	80
C7-750S3325	325	750		Polyester	12	84	80
C7-1000S3325	325	1000		antistatic	16	84	80
C8-500S3325	325	500	50	Ultra	16.5	93	85
C8-750S3325	325	750		Cellulose	24.7	93	85
C8-1000S3325	325	1000		Paper	33	93	85

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CARTRIDGE TYPE 3 LUGS – TECHNICAL DATA

TYPE : PM-11A ANTI-STATIC POLYESTER (478/170)

VL-No.		**7124**
Weight		170 g/m²
Fibre Thickness		2 dtex
Thickness		0.44mm
Bonding		thermical
Tensile Strength	length, md	600 N/5cm
	across, cd	400 N/5cm
Elongation Machine	length, md	27%
	across, cd	23%
Air Permeability	100Pa	100 1/m²/s
Air Permeability	200Pa	250 1/m²/s
Relative volume of pores		74%
Porometrie	smallest	-
	biggest	-
	average	-
Filter Test – PALAS AFP2000*	0.3 – 0.5micron	88%
Efficiency after 10 minutes	0.5 – 1.0micron	93%
	1.0 – 3.0micron	95%
	3.0 – 5.0micron	99%
	5.0 – 10.0micron	100%
Overall efficiency after 10minutes	Particle	81%
Overall efficiency after 30minutes	Particle	98%
Initial pressure drop		170Pa
Final pressure drop after 10minutes		330Pa
Final pressure drop after 30minutes		1500Pa
Filter class (BIA standards)		U,S,G,C

**** Test dust is AC/fine Dust Concentration 50g/m³ Face velocity 20 cm/s***

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CARTRIDGE TYPE 3 LUGS – TECHNICAL DATA

TYPE : PM-11 POLYESTER

VL-No.		**7124**
Weight		170 g/m²
Fibre Thickness		2 dtex
Thickness		0.49mm
Bonding		thermical
Tensile Strength	length, md	610 N/5cm
	across, cd	430 N/5cm
Elongation Machine	length, md	25%
	across, cd	23%
Air Permeability	100Pa	150 1/m²/s
Air Permeability	200Pa	300 1/m²/s
Relative volume of pores		74%
Porometrie	smallest	12micron
	biggest	58micron
	average	22micron
Filter Test – PALAS AFP2000*	0.3 – 0.5micron	71%
Efficiency after 10 minutes	0.5 – 1.0micron	87%
	1.0 – 3.0micron	95%
	3.0 – 5.0micron	100%
	5.0 – 10.0micron	100%
Overall efficiency after 10minutes	Particle	81%
Overall efficiency after 30minutes	Particle	99%
Initial pressure drop		170Pa
Final pressure drop after 10minutes		330Pa
Final pressure drop after 30minutes		1500Pa
Filter class (BIA standards)		U,S,G,C

**** Test dust is AC/fine Dust Concentration 50g/m³ Face velocity 20 cm/s***

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