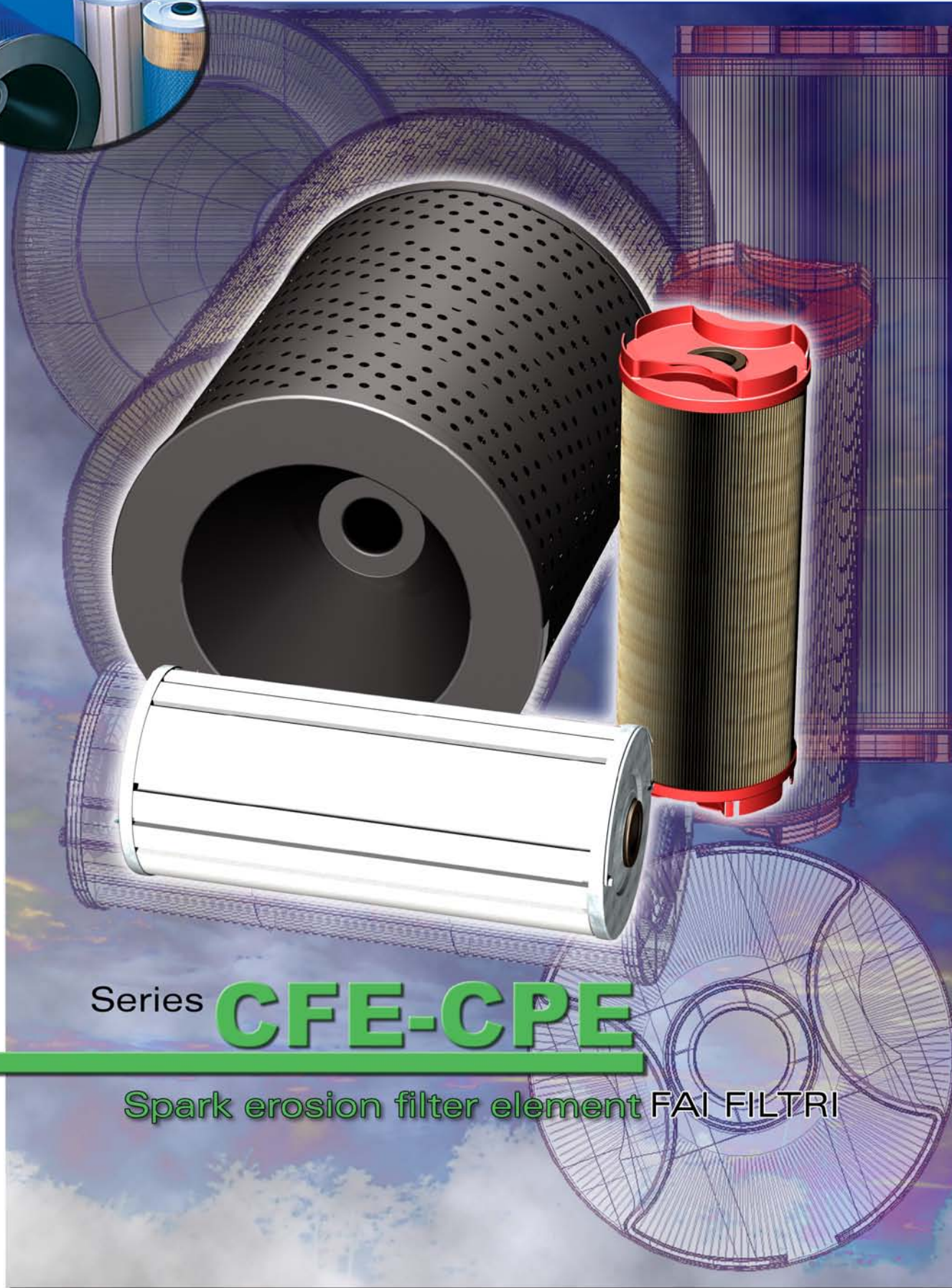
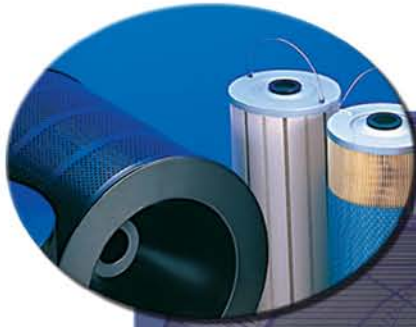




Series **CFE-CPE**

Spark erosion filter element FAI FILTRI

DESCRIPTION

Many years of in-field experience along with its high quality standards have allowed FAI FILTRI to manufacture a wide range of filter elements expressively engineered for the micro-filtration of cooling/lubricating fluids and fluids for wire or sinker machines (EDM).

The main technical characteristics of the **CFE** filter series is the wide filtering surface of the whole range of models along with high efficiency cellulose fibers filtering media, manufactured with a special rustication that allows a 360° use of the filter element, by keeping the folds distanced and even despite possible high pressure losses due to progressive clogging.

An accurate choice of the materials (end-caps, supporting pipes, glues, etc.) and very good manufacturing and testing standards, make the **CFE** series mechanically resistant in order to support for an economically convenient period of time, without being damaged, the hardest working conditions, granting at the same time a product certified ISO 9001 of the same quality of those manufactured by the best producers of EDM machines.

TECHNICAL DATA

MATERIALS

CFE Series: End-caps, rings and galvanized supporting pipe

CPE Series: End-caps, rings and plastic supporting pipe (iron free)

FILTER CARTRIDGE COLLAPSING PRESSURE

5 bar

FILTER ELEMENTS

“P” nominal 5 ,10 micron impregnated cellulose fibers $\beta_x > 2$

“D” absolute 5 micron in multilayers pressed filter media
(particularly suitable for tuff machines)

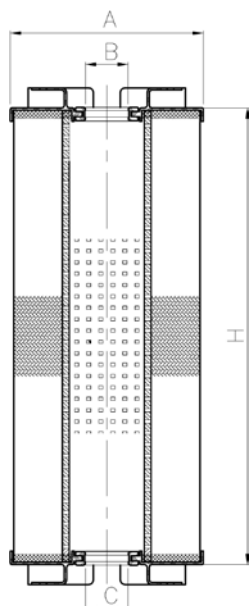
GASKETS

CFE – CPE cartridges are equipped with a buna-n basket or along with a rubber fairlead, according to the model [see dimensional table]

WORKING TEMPERATURES

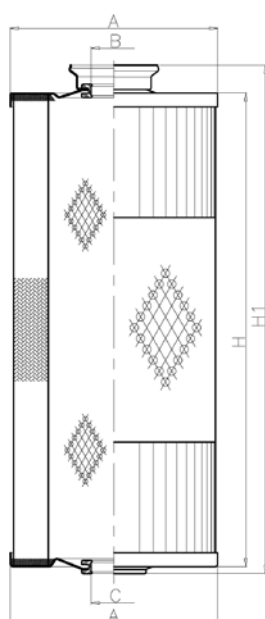
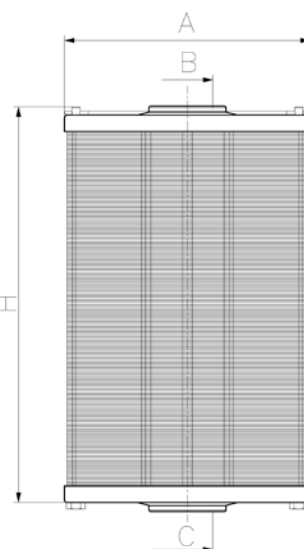
From –40°C up to +100°C

DIMENSIONAL INFORMATION



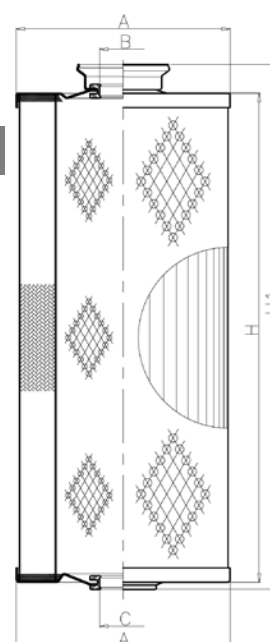
Type	A	B	C	H1	Filtering surface (cm ²)
CPE 3615.32 P05 A	150	32	32	371	30.980
CPE 3615.32 P10 A					
CPE 3615.32 P05 HC					40.000
CPE 3615.32 P10 HC					

Type	A	B	C	H1	Filtering surface (cm ²)
CFE 2415.32 D05 M 2T	150	32	32	247	I
CFE 3615.32 D05 M 2T				367	

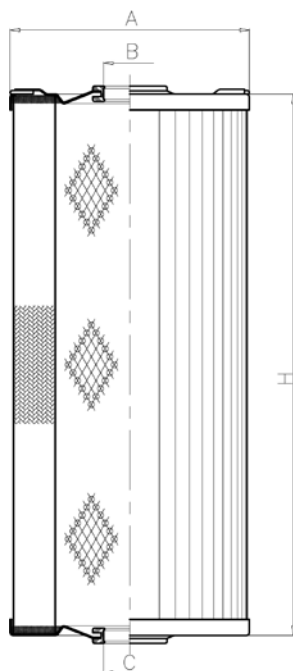


Model "A"

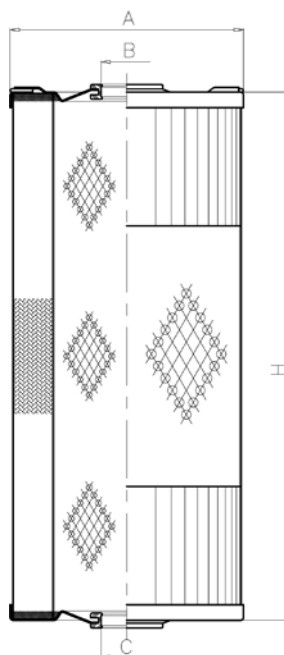
Model "B"



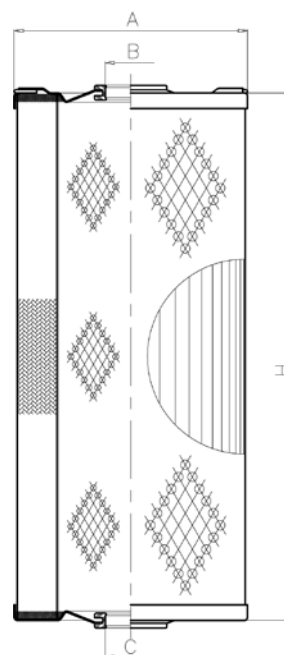
Type	Filtration degree	Model	A	B	C	H	H1	Filtering surface (cm ²)
CFE 2415.32 P05/10 C L	5μ/10μ	B	150	32	32	240	260	18.860
CFE 3615.32 P05/10 C C	5μ/10μ	A				355	375	26.300



Model "A"

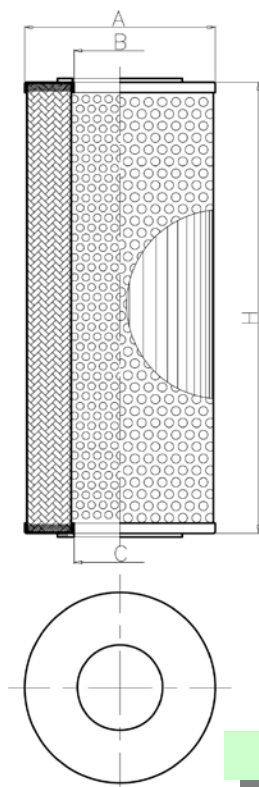


Model "B"

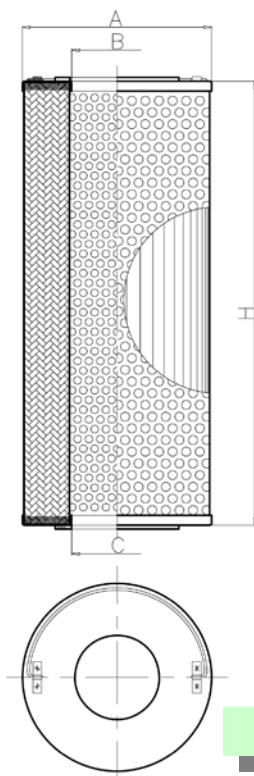


Model "C"

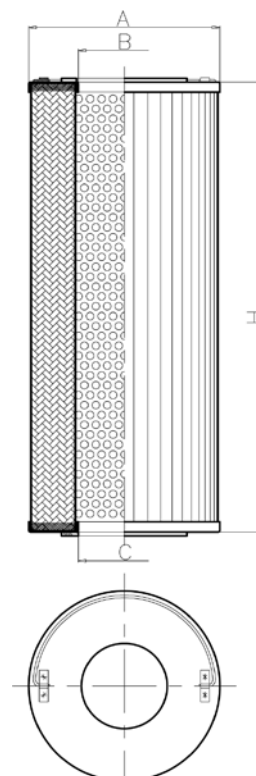
Type	Filtration degree	Model	A	B	C	H	Filtering surface (cm ²)
CFE 2415.32 P05 M L	5μ	C	150	32	32	240	16.500
CFE 2415.32 P10 M L	10μ	C				250	17.200
CFE 2515.32 P05 M L	5μ	C				340	23.500
CFE 2515.32 P10 M L	10μ	C				355	24.500
CFE 3515.32 P05 M L	5μ	C					
CFE 3515.32 P10 M L	10μ	C					
CFE 3615.32 P05 M L	5μ	C					
CFE 3615.32 P10 M L	10μ	C				390	27.000
CFE 3615.32 P05 M C	5μ	B					
CFE 3615.32 P10 M C	10μ	B				450	31.200
CFE 3615.32 P05 M	5μ	A					
CFE 3615.32 P10 M	10μ	A					
CFE 4015.32 P10 M L	10μ	C					
CFE 4015.32 P10 M L	10μ	C					
CFE 4515.32 P05 M L	5μ	C					
CFE 4515.32 P10 M L	10μ	C					
CFE 4515.32 P05 M	5μ	A					
CFE 4515.32 P10 M	10μ	A					



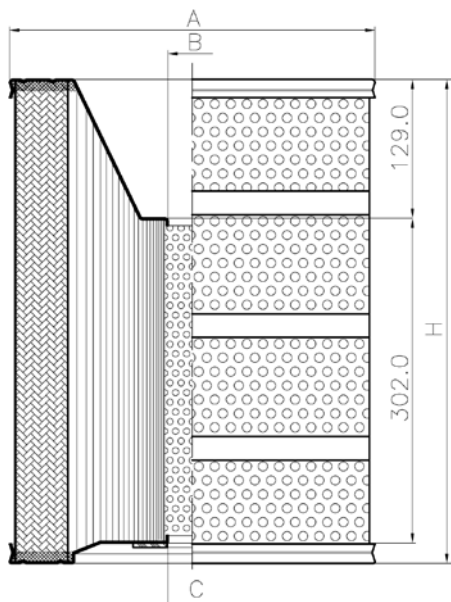
Model "A"



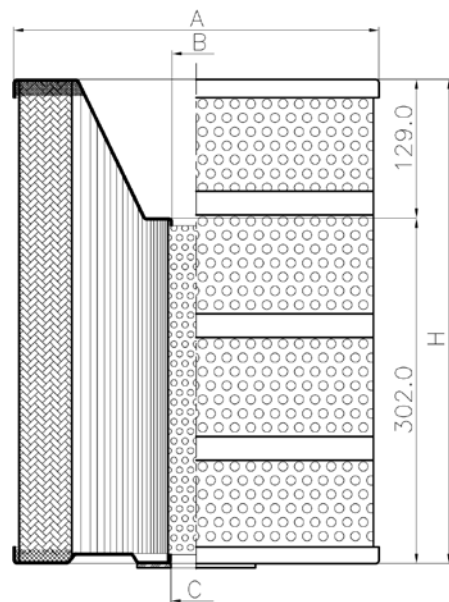
Model "B"



Type	Filtration degree	Model	Fairlead	Gaskets	A	B	C	H	Filtering surface (cm ²)
CFE 1910.22 P05/10 M	5μ/10μ	C			100	22	22	192	6.700
CFE 1910.22 P05/10 M L	5μ/10μ	B							
CFE 4714.32 P05/10 M L	5μ/10μ	B							
CFE 2314.52 P05/10 M L	5μ/10μ	B			136	32	32	475	17.900
CFE 2314.52 P05/10 M L	5μ/10μ	B			140	53	53	222	17.470
CFE 4515.70 P05/10 M L	5μ/10μ	B			150	76	76	450	28.990
CFE 2315.56 P05/10 M L	5μ/10μ	B				56	56	222	17.620
CFE 2215.54 P05/10 M L	5μ/10μ	B				54	54	215	15.950
CFE 3015.90 P05/10 M	5μ/10μ	C				90	90	290	21.500
CFE 3615.90 P05/10 M L	5μ/10μ	B						355	26.700
CFE 4515.90 P05/10 M	5μ/10μ	C						450	33.450
CFE 3619.32 P05/10 M	5μ/10μ	C			193	32	32	360	27.100
CFE 3619.32 P05/10 M L	5μ/10μ	B							
CFE 3619.30 P05/10 M L	5μ/10μ	B				30	30		
CFE 3619.28 P05/10 M	5μ/10μ	C				28	28		
CFE 3619.28 P05/10 M L	5μ/10μ	B							
CFE 3425.29 P05/10 M L	5μ/10μ	B			250	29	29	340	36.320
CFE 2926.36 P05/10 M L	5μ/10μ	B			260	36	36	290	24.300
CFE 3426.36 P05/10 M L	5μ/10μ	B						340	28.640
CFE 3426.28 P05/10 M L	5μ/10μ	B				28	28	340	38.640
CFE 2826.47 P05/10 M L	5μ/10μ	B				45	45	280	42.500
CFE 4026.47 P05/10 M L	5μ/10μ	B						400	60.900
CFE 5030.29 P05/10 L	5μ/10μ	A							
CFE 5030.4629 P05 L	5μ/10μ	A			300	29	29	500	98.200
CFE 5030.4629 P05 L	5μ/10μ	A				46	29	500	66.900
CFE 3430.46 P05/10 L	5μ/10μ	A				46	46	340	45.000



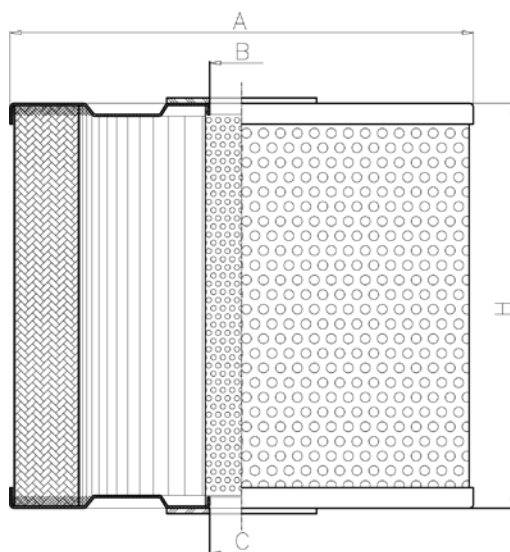
Model "A"



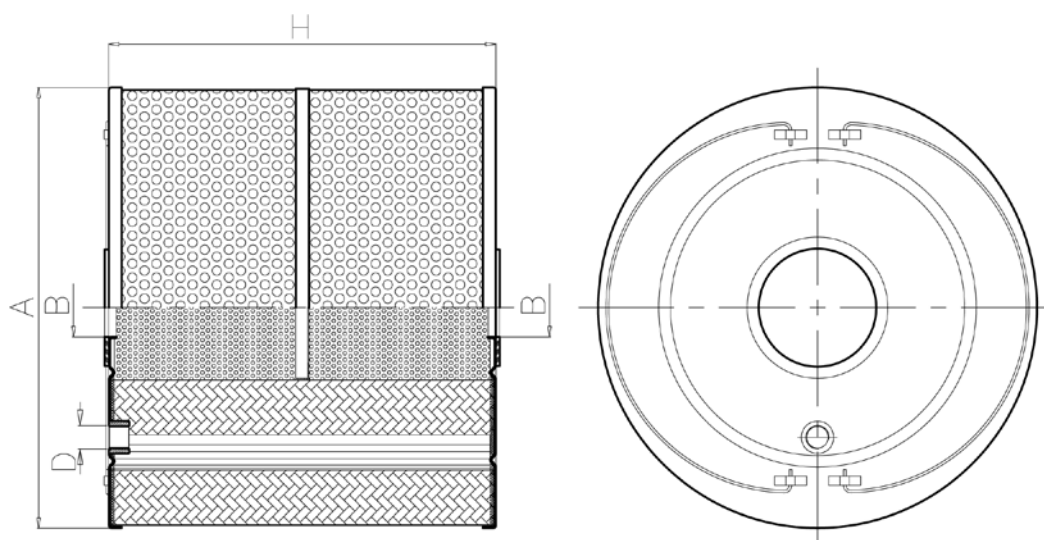
Model "B"

Type	Filtration degree	Model	A	B	C	H	Filtering surface (cm ²)
CFE 4534.46 P05 L N	5μ	B	340	46	46	430	101.300
CFE 4534.46 P05 L H	5μ	A				450	110.000
CFE 4534.46 HC P05 L H	5μ	A					145.800
CFE 4534.46 N HC P05 L H*	5μ	A					

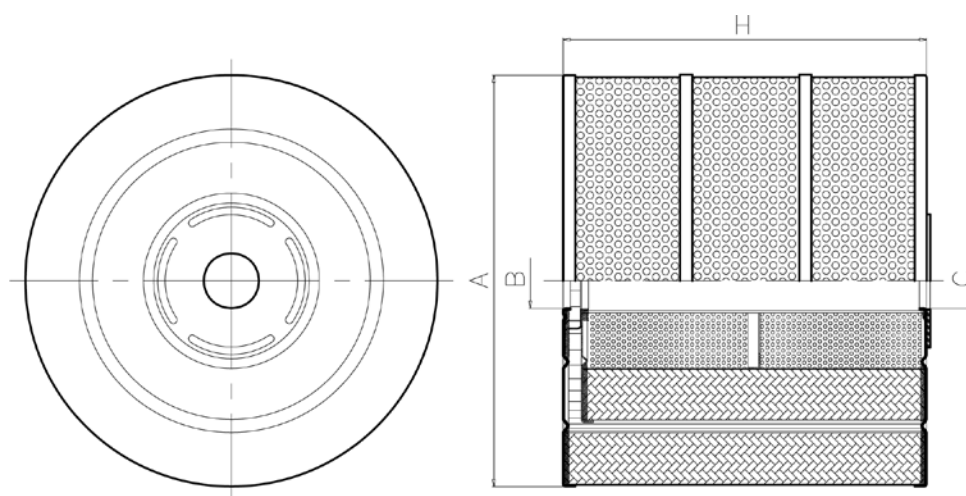
* BLACK EPOXY PAINTING



Type	Filtration degree	A	B	C	H	Filtering surface (cm ²)
CFE 3034.46 P05/10 L	5μ/10μ	340	47	47	300	52.740

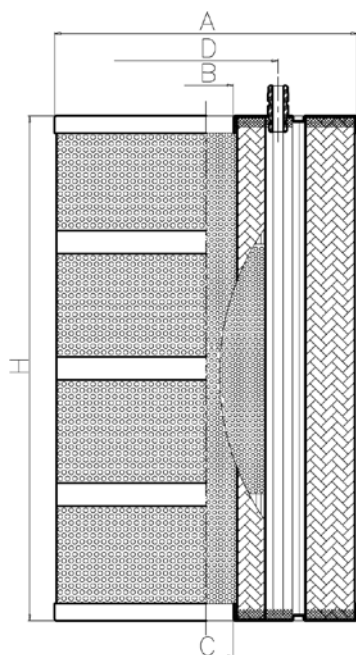


Type	Filtration degree	A	B	C	D	H	Filtering surface (cm ²)
CFE 3034.46 P05/10 M L	5μ/10μ	340	45	45	M18x1	300	152.650

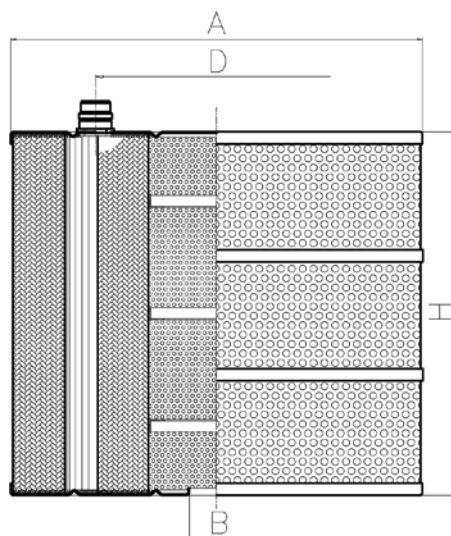


Type	Filtration degree	A	B	C	H	Filtering surface (cm ²)
CFE 3034.46 AS PF05/10 L	5μ/10μ	340	45	45	300	147.400
CFE 3034.46 N AS PF05/10 L*						

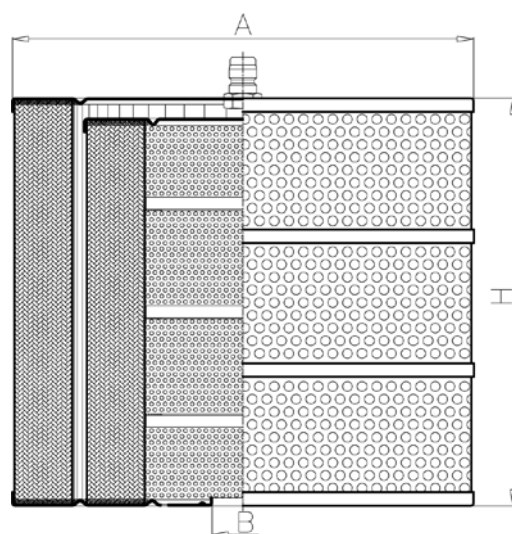
* BLACK EPOXY PAINTING



Model "A"

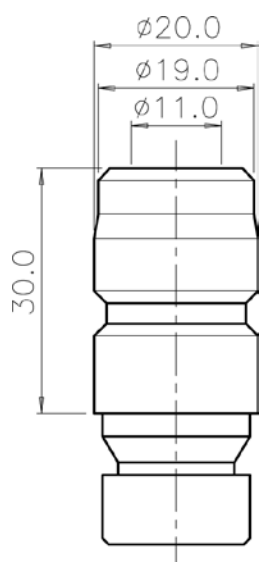


Model "B"

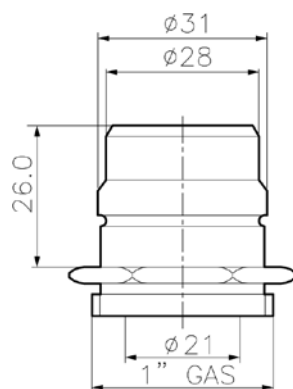


Model "C"

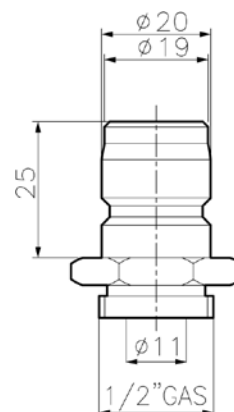
TYPE	Model	Filtration degree	A	B	C	D	H	Filtering surface (cm ²)
CFE 5030.54 PG1 P05/10 L	A	5μ/10μ	300	54	54	143	500	112.200
CFE 3034.46 N PG2 P05/10 L	B		340	46	\	180	300	152.650
CFE 3034.46 N PG3 P05/10 L	C		340	46	\	\	300	147.400



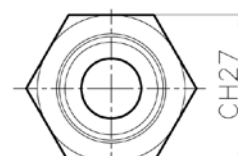
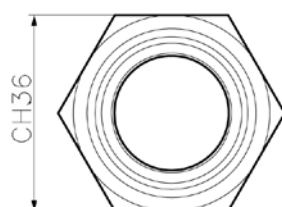
PG1



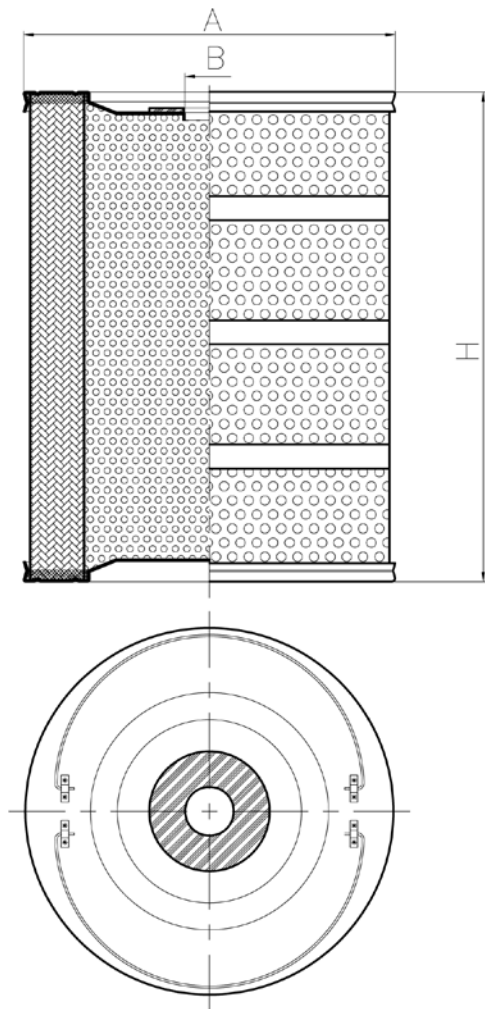
PG2



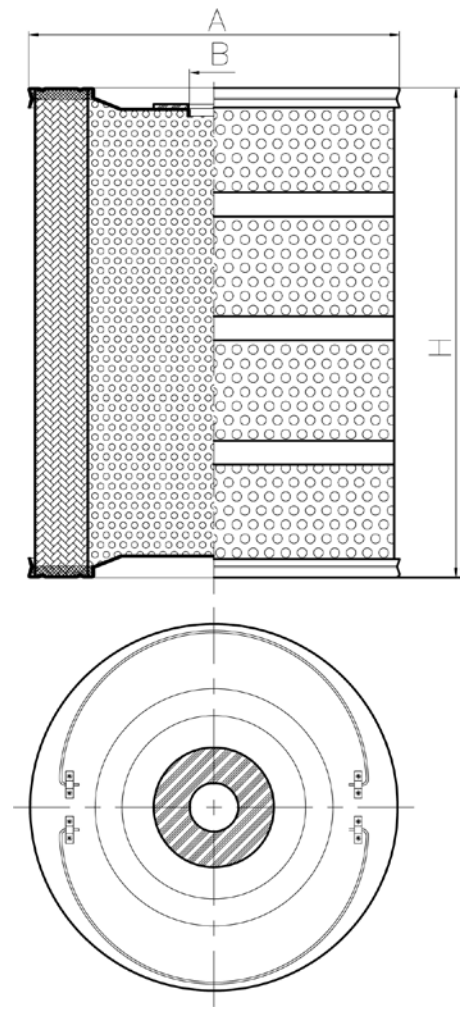
PG3



“Long life” model



Model “A”



Model “B”

Type	Model	Filtration degree	A	B	H	Filtering surface (cm ²)
CFE 3334.46 P05 M L	A	5μ	340	45.5	330	125.900
CFE 3334.46 N P05 M L	A					
CFE 3334.46 N G1 P05 M L	B			3/4" GAS	450	182.200
CFE 4534.46 G1 P05 M L	B					
CFE 4534.46 N G1 P05 M L	B					

<i>Electron discharge machining cartridges: models and main applications</i>	AGEMASPARK	EUROSPARK	BÜTZBERGER	AEG	RFE	SEIBU-WALTER	PRO	SODICK	CHARMILLES	DECKEL	HANSEN	NASSOVIA	AGIE	JAPAX	HOSTEK	JUNG	ELTEE	TAIWAN	ANLAGEN	INGERSOL	MAKINO	MITSUBISHI	BROTHER	FANUC	HITACHI	BOLLINGHAUS	EXRON	SEIBU
CFE 191022																												
CFE 231452																												
CFE 461432																												
CFE 241532																												
CFE 311590																												
CFE 351532																												
CFE 361532 D05 M2T																												
CFE 361532 P.. M/ML/MC																												
CFE 361532 P.. CL/CC																												
CPE 361532 P.. L																												
CFE 451537 P.. L																												
CFE 451552 P.. L																												
CFE 451576 P.. L																												
CFE 601590 P.. L																												
CFE 361922 P.. M/ML																												
CFE 5019110 P.. L																												
CFE 342529 P.. L																												

<i>Electron discharge machining cartridges: models and main applications</i>	AGEMASPARK	EUROSPARK	BÜTZBERGER	AEG	RFE	SEIBU-WALTER	PRO	SODICK	CHARMILLES	DECKEL	HANSEN	NASSOVIA	AGIE	JAPAX	HOSTEK	JUNG	ELTEE	TAIWAN	ANLAGEN	INGERSOL	MAKINO	MITSUBISHI	BROTHER	FANUC	HITACHI	BOLLINGHAUS	EXRON	SEIBU
CFE 282637 P.. M																												
CFE 282647 P.. M																												
CFE 342628 P.. M																												
CFE 342628 P.. L																												
CFE 402647 P.. L																												
CFE 323046 P.. L																												
CFE 343046 P.. L																												
CFE 403029 P.. L																												
CFE 503029 P.. L																												
CFE 5030 PG29 P.. L																												
CFE 5030 PG54 P.. L																												
CFE 50304629 P.. CL																												
CFE 50304629 P..																												
CFE 303446 P.. L																												
CFE 303446 PF.. L																												
CFE 3034 PG46 PF.. L																												
CFE 453446 P.. L																												