

# FILTER ELEMENT – AMEC-B

AMEC series for AdsoMax AMC series filter housing  
(Pre-Filter, Particulate)



## DESCRIPTION

B grade filter elements have been specifically developed for efficient removal of coarse solid particles and bulk liquids from compressed air<sup>(1)</sup>.

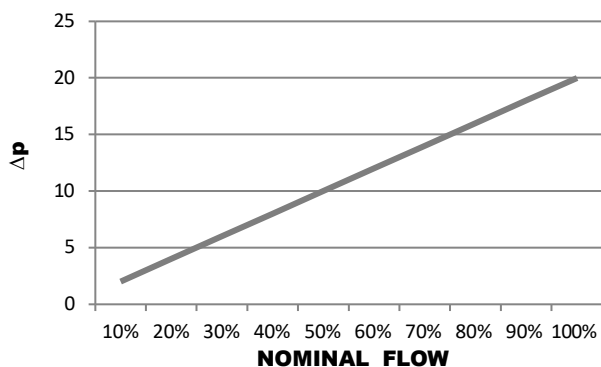
<sup>(1)</sup>For any other technical gas please contact us or your local dealer

## FILTER ELEMENT RATING ACCORDING TO ISO 8573-1

Solid particles class	Water class	Oil class
7	/	/

## TECHNICAL SPECIFICATION

Operating temperature	1,5 - 65 °C / 35 - 149 °F
Operating pressure	0 - 20 barg / 0 - 290 psi
Differential pressure (dry)	20 mbar / 0,290 psi
Differential pressure (wet)	/
Particle retention (nominal)	15 µm
Particle retention rate ISO <sup>(3)</sup>	/
Residual oil content <sup>(4)</sup>	/
Flow Direction	INSIDE to OUTSIDE
Capacity (ISO12500-2) <sup>(5)</sup>	/



## MATERIALS

Filter media	Sintered brass
Protection media	/
Drainage media	/
Adsorption media	/
Support (inner-outer)	/
Bonding	Polyurethane
Endcaps	PA6 with 30% glass fibers
Sealing	NBR

**SIZES**

Model	Diameter [mm]	Height [mm]	Flow Capacity [Nm <sup>3</sup> /h]	Flow Capacity [scfm]	Fits into filter housing
AMEC-72B	51	59	72	42	AMC-F72
AMEC-96B	51	119	96	56	AMC-F96
AMEC-150B	60	119	150	88	AMC-F150
AMEC-216B	60	149	216	126	AMC-F216
AMEC-282B	75	107	282	166	AMC-F282
AMEC-360B	75	160	360	212	AMC-F360
AMEC-432B	75	207	432	254	AMC-F432
AMEC-510B	75	239	510	300	AMC-F510
AMEC-750B	75	305	750	441	AMC-F750
AMEC-888B	90	318	888	522	AMC-F888
AMEC-1176B	90	436	1176	692	AMC-F1176
AMEC-1440B	90	498	1440	847	AMC-F1440
AMEC-1968B	140	506	1968	1158	AMC-F1968
AMEC-2760B	140	577	2760	1624	AMC-F2760

**CORRECTION FACTORS**

To calculate the correct capacity of a given filter based on actual operating conditions, multiply the nominal flow capacity by the appropriate correction factor(s). CORRECTED CAPACITY = NOMINAL FLOW CAPACITY x C<sub>OP</sub>

**OPERATING PRESSURE**

[bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
[psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232	247	261	276	290
C <sub>OP</sub>	0,38	0,5	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13	2,25	2,38	2,50	2,63

**MAINTENANCE**

B filter element can be cleaned with ultrasonic bath or with back flushing. Intervals of cleaning depend on application. If necessary, replace filter element with new one.

**INFORMATION IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE**

	Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2015	
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