

FILTER ELEMENT – BF-B

Series: BF Series
(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⁽¹⁾.

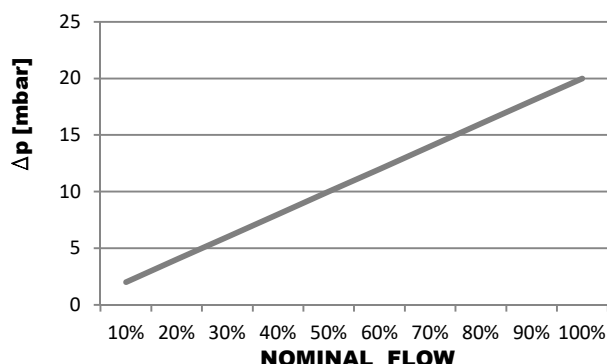
⁽¹⁾For any other technical gas please contact us or your local dealer

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 - 16 barg / 0 - 232 psi
Differential pressure (dry)	20 mbar / 0,290 psi
Differential pressure (wet)	/
Particle retention (nominal)	15 µm
Particle retention rate ISO ⁽³⁾	/
Residual oil content ⁽⁴⁾	/
Flow Direction	INSIDE to OUTSIDE
Capacity (ISO12500-2) ⁽⁵⁾	/



MATERIALS

Filter media	Sintered brass
Protection media	/
Drainage media	/
Adsorption media	/
Support (inner-outer)	/
Bonding	Polyurethane
Endcaps	Aluminium
Sealing	NBR

SIZES

Model	Diameter [mm]	Height [mm]	Flow Capacity [Nm ³ /h]	Flow Capacity [scfm]	Fits into filter housing
1 x 76090 B	90	760	1680	989	BF 0240
2 x 76090 B	90	760	3150	1853	BF 0300
3 x 76090 B	90	760	4700	2765	BF 0450
4 x 76090 B	90	760	6300	3706	BF 0600
6 x 76090 B	90	760	9400	5530	BF 0900
8 x 76090 B	90	760	12550	7382	BF 1200
10 x 76090 B	90	760	15700	9235	BF 1500
12 x 76090 B	90	760	18850	11088	BF 1800
16 x 76090 B	90	760	25100	14765	BF 2500
20 x 76090 B	90	760	31400	18481	BF 3000

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_{OP}


OPERATING PRESSURE

[bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
[psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
C _{OP}	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

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

	<p>Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2015</p>	
---	--	--