



**Application**

The Bioteg Ventilation Shaft of the EKBF series consists of a stainless steel shaft with an integrated biofilter cartridge which can be easily removed and refilled. It has been designed as a complete system that can be used for odor reduction from pump or lifting stations. Instead of using a common ventilation shaft users can now take advantage of the complete EKBF system.

This biofilter system can be easily inserted into pipe sleeves. The stable base plate will anchor the system to the ground.

Depending on the environmental conditions, the biofilter material may last up to 7 years. After this time the filter material in the biofilter cartridge can be easily replaced - as well with **Activated Carbon**.

**Technical Data and Dimensions**

Materials with media contact: PE, VA, PVC  
 Biofilter material: bioteg bpc BT - 50

TYPE	~Weight <sup>*1</sup> [Kg]	Waste air [m³/h]	DN / DT [mm]	H 1 [mm]	L [mm]
EKBF-200/1,2	38	5	200 100	1200	325
EKBF-200/1,7	45	6	200 100	1700	325
EKBF-300/1,2	58	7	300 150	1200	425
EKBF-300/1,7	72	11	300 150	1700	425
EKBF-400/1,2	80	14	400 200	1200	525
EKBF-400/1,7	98	21	400 200	1700	525

\*1 operational weight (wet and ready to use)

H 2 = 150 mm

Special sizes and designs on request

Technical adjustments reserved

**Key**

- 1 Ventilation shaft (1.4571)
- 2 removable refillable biofilter cartridge (PEHD)
- 3 Filter material
- 4 Supporting ring with gasket
- 5 Detachable cover (1.4571)
- 6 Base plate (1.4571)
- 7 Transition (for inserting into pipe sleeve)
- 8 Predrilled holes for mounting d 17 (M 16)

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