

Multi-Bag-Filter TYPE DELTA-BF For Hydrous, Viscose and Super-Viscose Media

The DELTA-BF is a logic, cost-efficient and environmental-protecting way of filtration. DELTA-BF is the trade name of DELTAFILTER Filtrationssysteme GmbH.

- Robust and user-friendly filter housing of stainless steel, surface pickled and passivated, or carbon steel with anti-corrosion coating
- Pressure ratings PN6, PN10 or as per requirement for the housing
- Cover lock with hasp screws and hexagon nuts of galvanized steel
- Housing and support basket seal by O-rings of FPM
- Quick and simple fitting and removal of filter bags and high-quality support baskets
- Filter bag held down by removable pressing devices fastened by a bayonet lock
- Support baskets of stainless steel wire netting with large free surface for mounting of all filter bag types
- High flow rates and long service life
- Large filter surface achieved through use of several filter bags
- Erected using flange-welded profile feet
- Davit for the cover



DELTA-BF-4-2-6, 1.4571, 10 bar

OPTIONAL

- Differential pressure indicator with and without electrical contact for remote transfer, magnetic inserts, vent valves, displacement elements etc.
- Rated widths as specified, cover closure by DELTA quick-acting closure, housing of carbon steel or special materials, heating jacket etc.
- Alternative sealing materials such as FEP/FPM or EPDM
- High design pressures and temperatures
- TÜV acceptance

Examples of industrial applications:

Automotive industry, chemical industry, electronics industry, dye and paint industry, semi-conductor industry, clarification plant operators, cosmetic industry, plastics industry, food and drink industry, metal industry, mineral oil industry, optics industry, paper industry, pharmaceutical industry, steel industry, water utility etc.

Product Description

Two-part filter system with domed lid. The cover is closed by hasp screws and hexagon nuts of galvanized steel. Both the housing and the support baskets are sealed by O-rings. This filter system from DELTAFILTER Filtrationssysteme GmbH is extremely robust and designed for extreme operating conditions. The filter housing is supplied as standard with a davit (DHS) and flange-welded profile feet. The housing interior accommodates the welded intermediate plate with mounting device for the four support baskets into which the filter bags are inserted. The support baskets and filter bags are held down by removable pressing devices fastened by a bayonet lock. This effective method of fastening rules out the possibility of a bypass. All internals can be simply and quickly removed for cleaning.

Dimensions

Measure A	1740 mm
Measure B	1505 mm
Measure C	500 mm
Measure D	Ø 610 mm
Measure E	200 mm
Measure F	100 mm

Technical data

Housing material:	stainless steel 1.4541, 1.4571 or carbon steel with coating
Support basket material:	stainless steel 1.4401, 1.4571
Feet and davit material:	stainless steel 1.4301
Max. allowable pressure:	6 bar, 10 bar or as per requirement
Max. allowable temperature:	80°C or as per requirement
Housing seal:	O-ring FPM
Filter surface:	2 m ²
Number and type of filter bags:	4 pieces of size 2
Weight (empty):	around 400 kg

Connections

S1 Inlet	flanged DN150, PN16, Form B1
S2 Outlet	flanged DN150, PN16, Form B1
S3 Vent	flanged DN25, PN16, Form B1
S4 Differential pressure (+)	socket 1/4" BSP
S5 Differential pressure (-)	socket 1/4" BSP

Illustrations, dimensions and weights are reference values only.

Multi-bag-filters can also be made in special designs or using alternative materials!

We will prepare a detailed quotation for the individual types on request.

07/16 - Technical changes reserved!

DELTA-BF-4-2-6

