

Basket filter TYPE DELTA-SKS

For Hydrous, Viscose and Super-Viscose Media

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

- Robust filter housing in compact design with easy operation – minimum space requirement!
- In- and outlet at the same height
- Lower weight caused by welded construction
- Quick and easy mounting and dismounting of the high-grade basket of stainless steel
- A lot of sizes in valve-sized length F1 according German DIN 3202
- Cover-closure with stud bolts and eye nuts – there are no tools required to open it
- Long life through large filter area
- Low pressure drop
- Filter rates down to 5 µm
- Installation on the flat bottom of the housing
- Fastening flaps for a fixing on the floor are standard
- Connections for ventilation and purging are standard
- Connections and holder for differential pressure indicator are standard – add-on kits are available
- Nominal sizes for the SKS-models from DN25 to DN250

OPTIONAL

- Yoke quick release fastener, differential pressure indicator with and without electrical contact, magnetic columns, fittings for ventilation and purging etc.
- Inspection by German TÜV, special materials, internal coatings, high-pressure models etc.



DELTA-SKS-05,
material stainless steel



Yoke quick release fastener DELTA-BSV
as an option, also retrofittable

Some branches of industry for example:

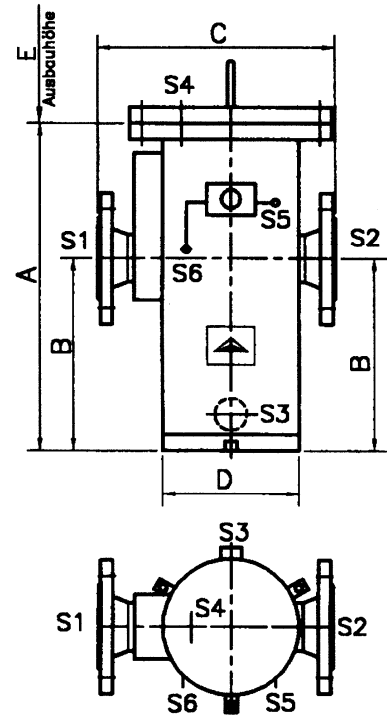
Automobile industry
Beverages and Food industry
Chemical industry
Cosmetic industry
Metalworking and steel industry
Mineral oil industry
Paint and lacquer industry
Paper industry
Plastics industry
Water supply companies etc.

Product Description

Filter system in two parts for the filtration of fluids and gases. The housing is made of a cylindrical steel vessel in welded construction with flat bottom and flat cover. The standard fastener of the cover is done with stud bolts and eye nuts. The in- and outlet are at the same height and they are opposite. The mounting dimensions of several sizes are in valve-sized length F1 according German DIN 3202. The purging is placed below at the side of the housing. The ventilation is on the cover. A holder and two sockets are welded on the vessel. They can be used for the mounting of a differential pressure indicator. The three fastening flaps on the bottom are for the fixing of the filter on the floor. The filter system of DELTAFILTER Filtrationssysteme GmbH is robust. It is made for extreme working conditions. The solid basket, in which the dirt is concentrated, can be completely dismantled. You do not need special tools! The basket can be cleaned easily. Many filter accessories are available for an individual adaptation on customer's wishes.

Design and calculation:	PED 2014/68/EU ¹ , AD 2000 ¹
material of housing:	stainless steel 1.4571 ² or carbon steel ¹
cover-closure:	stud bolts with eye nuts of galvanized steel ¹
Max. allow. pressure:	16 bar ¹
Max. allow. temperature:	80°C ¹
corrosion protection: (for carbon steel)	raw inside with preservative painted outside RAL6011 ¹
seals:	O-rings FPM ¹
material of basket:	1.4571/1.4401 stainless steel ¹
standard filter rates:	50 to 3000 µm ³
optional:	yoke quick release fastener DELTA-BSV 1.4571 special filter rates: 5, 10 or 25 µm ³

DELTA-SKS-02 to SKS-25



- ¹ Optional other materials, pressures, closures, temperatures, coatings etc.
² Surface pickled and passivated
³ Optional pleated elements and other filter rates
⁴ other flow capacities on request

Model	SKS-02	SKS-04	SKS-05	SKS-06	SKS-08	SKS-10	SKS-12	SKS-15	SKS-20	SKS-25
Flow capacity ⁴ for 50 - 100 µm (water)	5 m³/h	11 m³/h	18 m³/h	30 m³/h	45 m³/h	70 m³/h	120 m³/h	160 m³/h	280 m³/h	430 m³/h
Filterarea in cm²	470	470	980	980	1870	1870	2750	2750	8100	8100
Inlet S1 (flange)	DN25 PN16/B1	DN40 PN16/B1	DN50 PN16/B1	DN65 PN16/B1	DN80 PN16/B1	DN100 PN16/B1	DN125 PN16/B1	DN150 PN16/B1	DN200 PN16/B1	DN250 PN16/B1
Outlet S2 (flange)	DN25 PN16/B1	DN40 PN16/B1	DN50 PN16/B1	DN65 PN16/B1	DN80 PN16/B1	DN100 PN16/B1	DN125 PN16/B1	DN150 PN16/B1	DN200 PN16/B1	DN250 PN16/B1
Purging S3	3/4" BSP	3/4" BSP	3/4" BSP	3/4" BSP	3/4" BSP	3/4" BSP	3/4" BSP	3/4" BSP	3/4" BSP	3/4" BSP
Ventilation S4	3/8" BSP	3/8" BSP	3/8" BSP	3/8" BSP	3/8" BSP	3/8" BSP	3/8" BSP	3/8" BSP	3/8" BSP	3/8" BSP
Diff. pressure (+) S5	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP
Diff. pressure (-) S6	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP	1/4" BSP
Size A in mm	340	340	410	410	555	555	665	665	1090	1130
Size B in mm	200	200	240	240	315	315	325	325	700	670
Size C in mm	220	225	290	290	350	350	480	480	680	800
Size D in mm	Ø114,3	Ø114,3	Ø168,3	Ø168,3	Ø219,1	Ø219,1	Ø273	Ø273	Ø406	Ø406
Size E in mm	350	350	430	430	570	570	680	680	1130	1130
Weight in kg (empty)	17	19	30	32	52	54	88	95	240	280

Illustration, weights and measures are only indices.

We will prepare a detailed quotation for you.