

# Catalog

## Accessories Separ-Filter

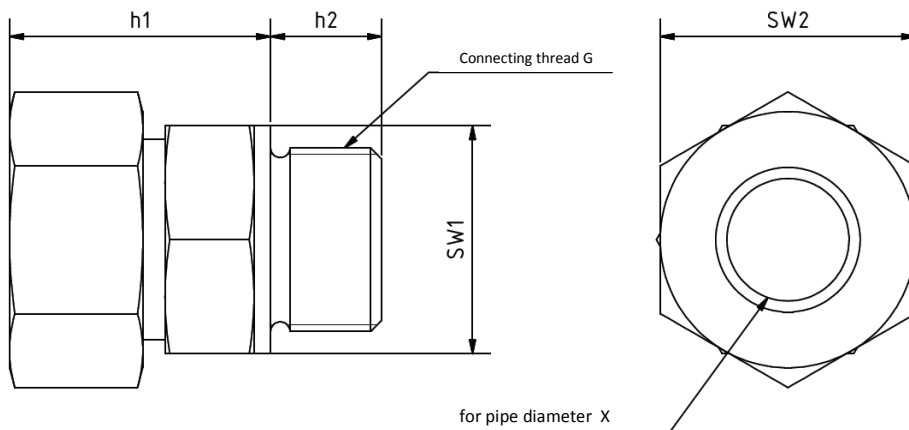
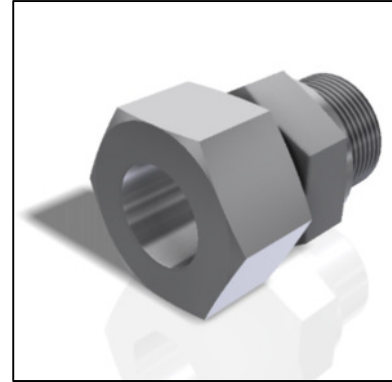


## Inhalt

<b>Straight screwed connection .....</b>	<b>2</b>
Variants .....	2
Functioning method .....	3
<b>Conical reducing connection .....</b>	<b>4</b>
Variants .....	4
<b>Hose connecting nipple.....</b>	<b>5</b>
Variants .....	5
<b>Active water sensor .....</b>	<b>6</b>
Variants .....	7
Functioning method .....	7
<b>Hand priming pump .....</b>	<b>8</b>
Variants .....	8
Functioning method .....	9
Matching screwed connection .....	9
<b>Pressure-activated switch .....</b>	<b>10</b>
Variants .....	10
Functioning method .....	10
<b>Vacuum meter .....</b>	<b>11</b>
Functioning method .....	11
<b>Filter elements.....</b>	<b>12</b>
Variants .....	13

## Straight screwed connection

**Material:** Zinc-coated steel  
**Mech. connection:** Variabel

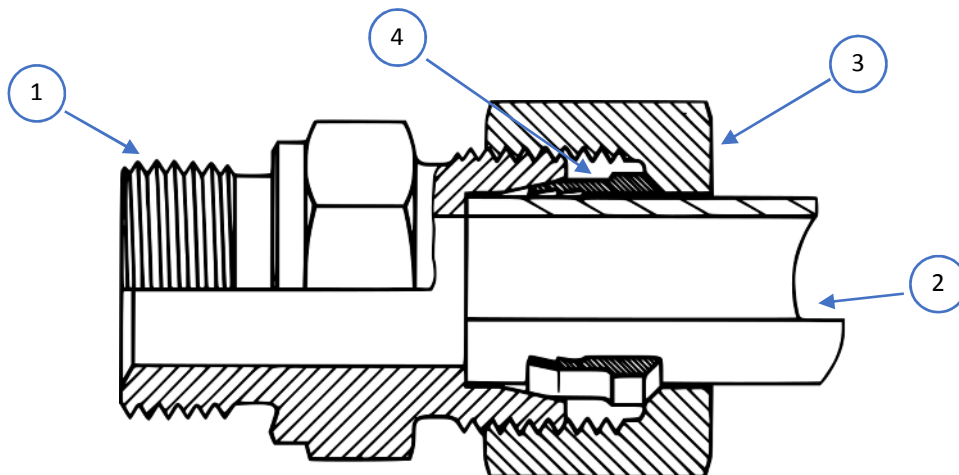


### Variants

Art. No.	G	X [mm]	h1 [mm]	h2 [mm]	SW1 [mm]	SW2 [mm]
06 3344	M 16 x 1,5	8,0	28,5	12,5	17,0	22,0
06 3345	M 16 x 1,5	10,0	31,0	12,5	22,0	19,0
06 3346	M 16 x 1,5	12,0	30,0	12,5	22,0	22,0
06 3347	M 26 x 1,5	22,0	37,0	16,5	32,0	36,0
06 3348	M 33 x 2,0	25,0	51,5	18,0	41,0	46,0
06 3349	M 33 x 2,0	28,0	34,0	18,0	41,0	41,0
06 2073	M 22 x 1,5	10,0	31,5	14,0	27,0	19,0
06 2057	M 22 x 1,5	15,0	30,0	14,0	27,0	27,0
06 2074	M 22 x 1,5	12,0	31,0	14,0	27,0	22,0
06 2075	M 22 x 1,5	16,0	41,0	14,0	27,0	30,0
06 2076	M 22 x 1,5	18,0	34,5	14,0	27,0	32,0

## Functioning method

With the straight screwed connections, this is a screwed connection with compression ring, where the Separ-Filters of the company Loesing Filterproduktion GmbH are adapted to pipe systems.

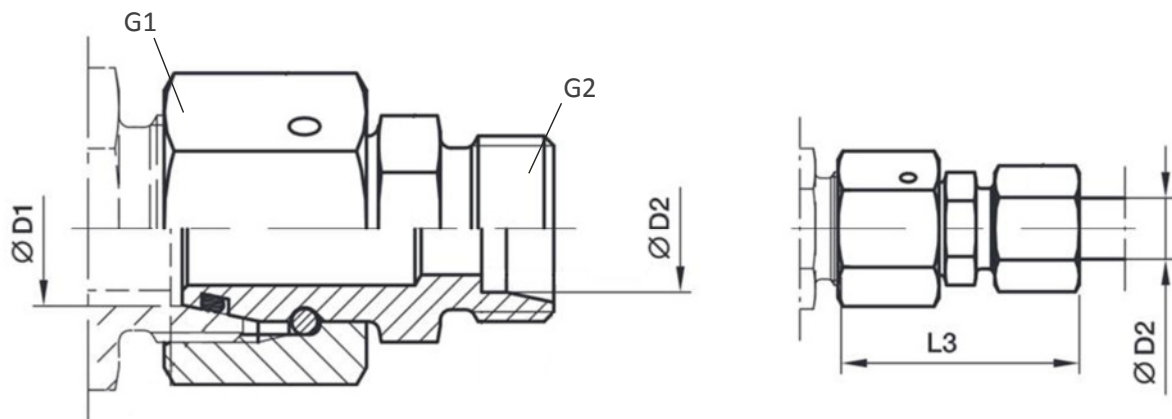
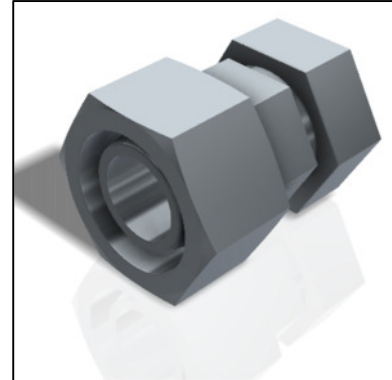


1. Screw the connection into the Separ-Filter. A preassembled O-ring takes over the sealing.
2. Slide the pipe with the matching outer diameter into the screwed connection as far as the stop.
3. Tighten the union nut. Lock the fitting with a corresponding spanner against rotation.
4. While tightening the union nut, the edges of the cutting ring are pressed into the pipe as a result of their geometry.

This has the effect that the compression ring makes a form-fitting sealed connection with the pipe. As an alternative to fixed piping, hose connectors can also be connected with the screwed connection.

## Conical reducing connection

**Werkstoff:** Zinc-coated steel  
**Mech. connection:** Variable



### Variants

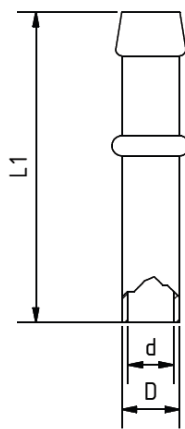
Art.-Nr.	D1 [mm]	G1	D2 [mm]	G2	L1 [mm]
06 1089	22	M 30 x 2	15	M 20 x 2	49
06 2060	12	M 18 x 1,5	8	M 10 x 1,5	40
06 2061	12	M 18 x 1,5	10	M 10 x 1,5	41
06 2062	15	M 22 x 1,5	10	M 12 x 2	44
06 2063	15	M 22 x 1,5	12	M 12 x 2	44

## Hose connecting nipple

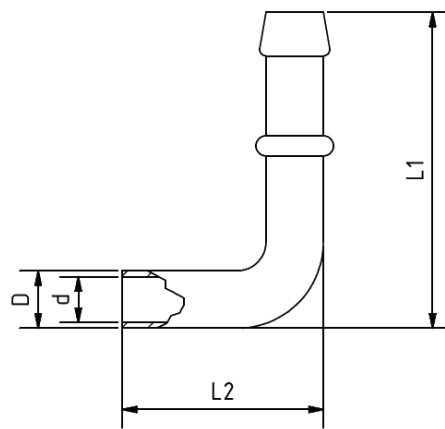
**Werkstoff:** Zinc-coated steel  
**Mech. connection:** See variants  
 (Column D)



Straight implementation



Bent implementation

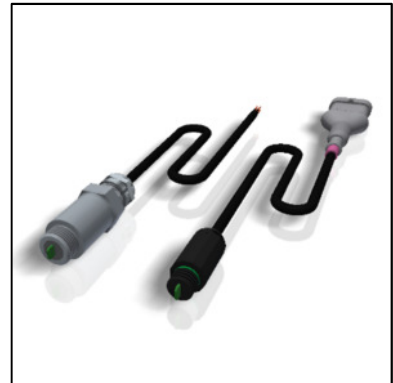


### Variants

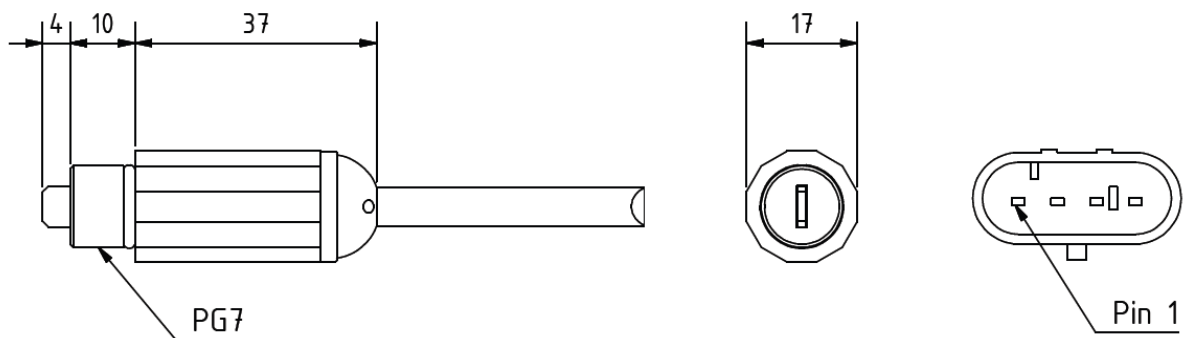
Art. No.	Implementation	D [mm]	d [mm]	L1 [mm]	L2 [mm]
06 2085	Straight	8	6	54	-
06 2086	Straight	10	8	53	-
06 2087	Straight	12	10	58	-
06 2093	Straight	15	12	68	-
06 2094	Bent	15	12	83	56
06 2097	Bent	8	6	50	32
06 2098	Bent	10	8	56	43
06 2099	Bent	12	10	67	50

## Active water sensor

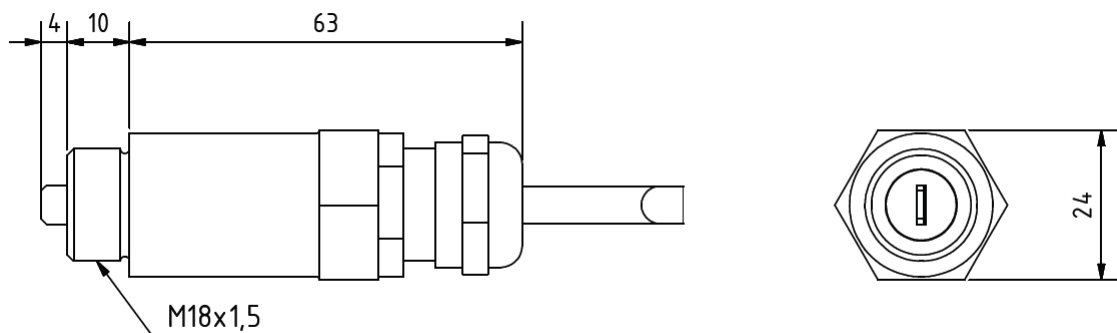
<b>Measurement principle:</b>	Capacitive
<b>IP Protection Type:</b>	IP 68
<b>Casing material:</b>	See variants
<b>Mech. connection:</b>	See variants
<b>Ambient temperature:</b>	-40 °C to +85 °C
<b>Medium:</b>	Diesel, bio-diesel
<b>Elec. connection:</b>	12 to 24 VDC
<b>Cable:</b>	Flexible round cable



### Plastic version



### Metal version



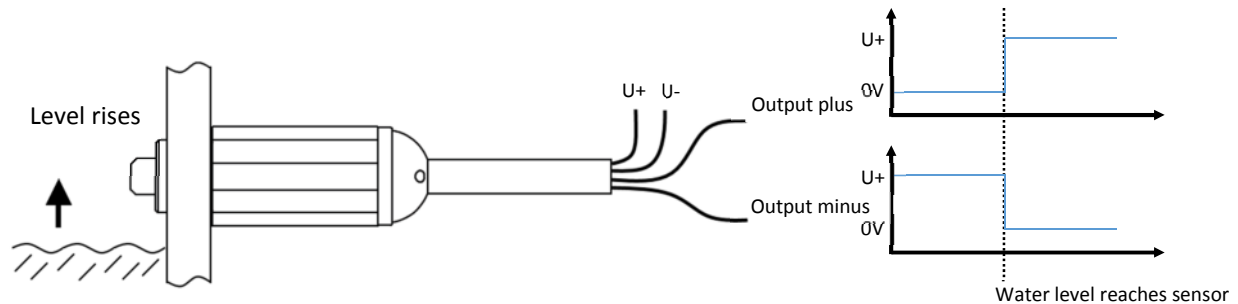


## Variants

Art. No.	Casing material	Overall length [mm] including cables	Mech. connection	Connection	U+	U-	Output plus	Output minus
06 1381	PBT	520	PG7	AMP plug <sup>1</sup>	Pin 2	Pin 1	Pin 4	Pin 3
06 3418	PBT	320	PG7	AMP plug <sup>1</sup>	Pin 1	Pin 2	Pin 4	Pin 3
06 1273	Aluminium	2000	M 18 x 1,5	Open cable ends	Blue	Black	Brown	White

## Functioning method

The active water sensor can differentiate between the media water and diesel. It is based on a capacitive measurement principle. As a result of the measurement tip of the sensor not having any electrical contact with the medium, problems such as corrosion of the measurement tip and the non-identification of water which is low in minerals are avoided.

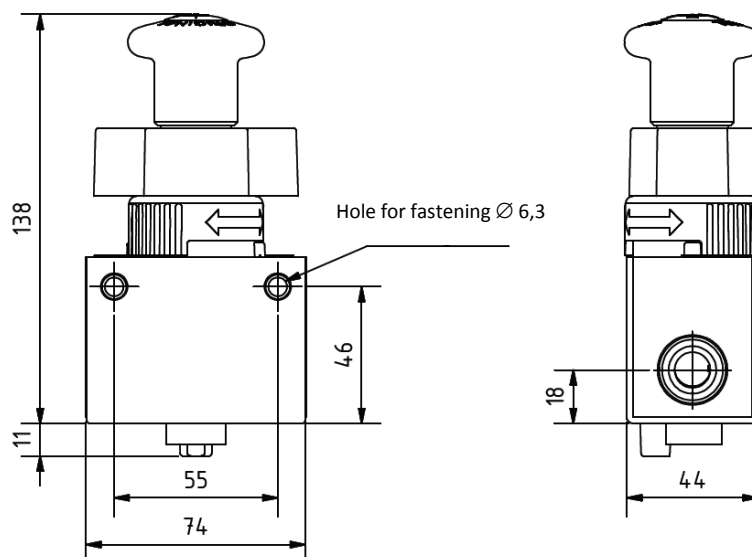
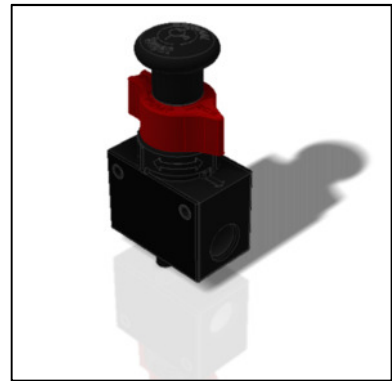


By means of a suitable interconnection, the output lines can be evaluated using on-board electronics, as well as visualized using LED's.

<sup>1</sup> Manufacturer: TE-Connectivity / AMP (Art. No.: 282106-1)

## Hand priming pump

<b>Casing material:</b>	PA / PP / ABS
<b>Mech. connection:</b>	M 22 x 1,5 ISO 6149-1 form W
<b>Ambient temperature:</b>	-20 °C to +80 °C
<b>Pump volume per stroke:</b>	25 ml
<b>Medium:</b>	Diesel, bio-diesel
<b>Compatible accessories:</b>	Straight screwed connection



### Variants

Art. No.	Variant
06 1666	Standard implementation
06 3523	Implementation with metal clamp (zinc-coated steel) around housing

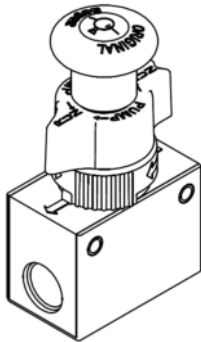
## Functioning method

The hand feed pump is used mainly for the priming of the fuel filter / system.

The handling of the pump is as simple as possible. In normal operation (Illustration 1) the pumping station is not located in the volume flow and does not generate any pressure drop behind the pump. For the changeover (Illustration 2) into the pumping mode, the large knob designed as an arrow is rotated by 90°. Following this the pumping (Illustration 3) can be begun with directly.

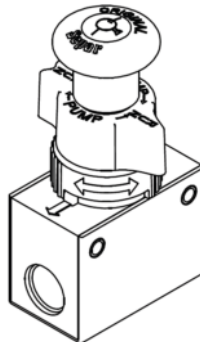
Normal operating position

1



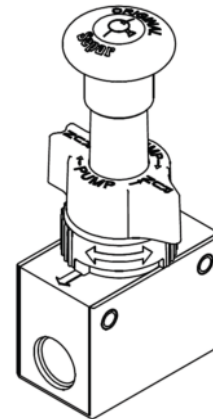
Pumping position

2



Pump actuation

3



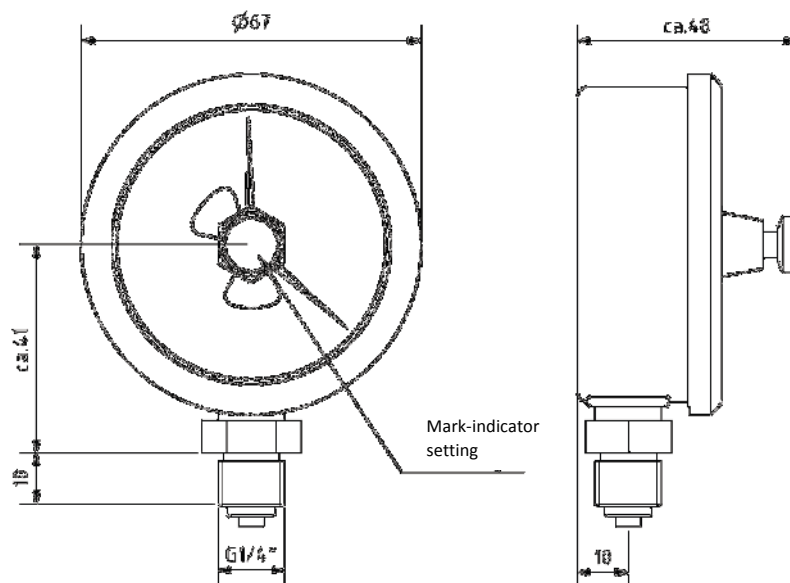
## Matching screwed connection

Art. No.	Pipe / Hose connection
06 2073	AL 10 LM M 22 x 1,5
06 2074	AL 12 LM M 22 x 1,5



## Vacuum meter

<b>Article number:</b>	06 3650
<b>Casing material:</b>	Stainless steel
<b>Mech. connection:</b>	G 1/4"
<b>Accuracy class:</b>	1.6
<b>Display range:</b>	-600 mbar to +600 mbar

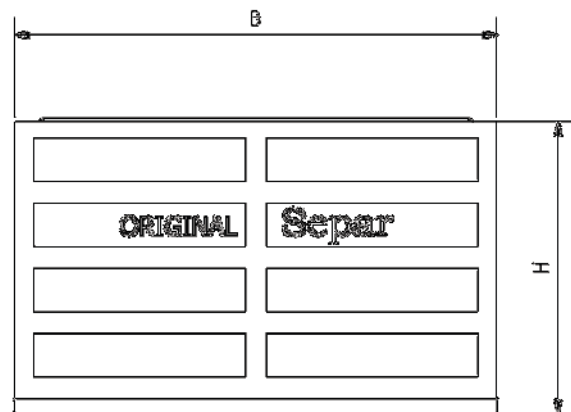
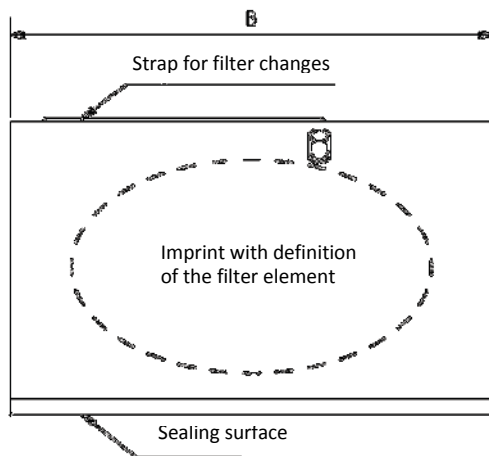
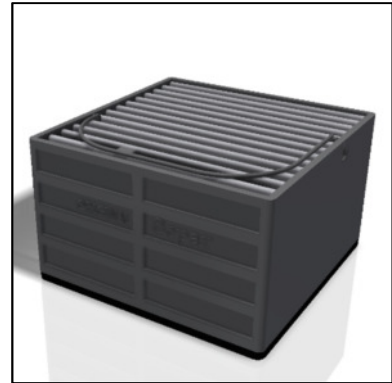


### Functioning method

Absolute-pressure measuring unit with zero point at 1 bar absolute. It measures the pressure decrease in hydraulic systems. Variations in the air pressure and in the tank filling level directly affect the indicated pressure and are to be considered in the evaluation. The installation is implemented in the outlet side of fuel filters.

## Filter elements

<b>Separation capacity:</b>	> 95 %
<b>Filter gauge:</b>	See variants
<b>Ambient temperature:</b>	-20 °C to +65 °C
<b>Medium:</b>	Diesel, bio-diesel
<b>Perm. differential pressure:</b>	250 mbar (paper) 700 mbar (steel)



## Variants

Art. No.	Suitable for filter	Medium	Filter gauge	B [mm]	H [mm]
06 2746	SWK-2000/5	Paper	10 µm	76	24
06 2689	SWK-2000/5	Paper	30 µm	76	24
06 2819	SWK-2000/5	Steel	60 µm	76	24
06 2578	SWK-2000/5/50	Paper	10 µm	76	54
06 2688	SWK-2000/5/50	Paper	30 µm	76	54
06 2025	SWK-2000/5/50	Steel	60 µm	76	54
On request	SWK-2000/5/50/H	Paper	10 µm	76	54
06 2687	SWK-2000/5/50/H	Paper	30 µm	76	54
06 2873	SWK-2000/5/50/H	Steel	60 µm	76	54
06 2787	SWK-2000/10	Paper	10 µm	89	54
06 2645	SWK-2000/10	Paper	30 µm	89	54
06 2836	SWK-2000/10	Steel	60 µm	89	54
06 2211	SWK-2000/10	Steel	30 µm	89	54
06 2683	SWK-2000/10/H	Paper	10 µm	89	54
06 2646	SWK-2000/10/H	Paper	30 µm	89	54
06 2847	SWK-2000/10/H	Steel	60 µm	89	54
06 2660	SWK-2000/18 and /130	Paper	10 µm	144	55
06 2638	SWK-2000/18 and /130	Paper	30 µm	144	55
06 2821	SWK-2000/18 and /130	Steel	60 µm	144	55
06 2662	SWK-2000/40	Paper	10 µm	184	55
06 2642	SWK-2000/40	Paper	30 µm	184	55
06 2866	SWK-2000/40	Steel	60 µm	184	55



Willibrord Lösing Filtertechnik e. K.  
Am Walzwerk 2  
DE-45527 Hattingen

E-Mail: [info@loesing-filter.de](mailto:info@loesing-filter.de)  
Internet: [www.loesing-filter.de](http://www.loesing-filter.de)

Tel. +49 2324 9460-0  
Fax +49 2324 40842