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Industrial strainers

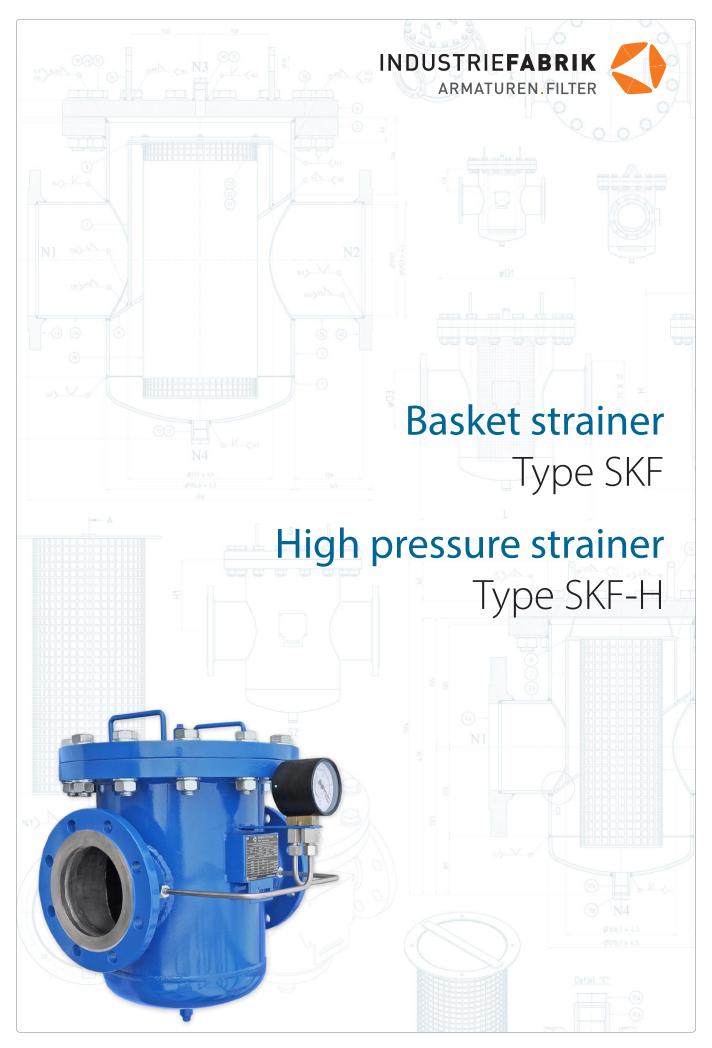
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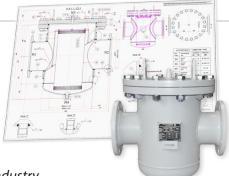
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Basket type strainers or special filters – we manufacture to your specifications.

Basket type strainers of Industriefabrik Schneider GmbH are used to clean liquid, viscous and gaseous media. They offer perfect protection against undesirable particles and are cost effective in protecting your piping, industrial valves and plants. They are used in:



Power stations, water / wastewater resources management, food industry, district heating, tire, rubber, oil, gas and chemical industry.

The Industriefabrik Schneider GmbH is a manufacturer and distributor of basket type strainers, duplex / simplex strainers, industrial sieves, filters and replacement screens. Our strainers are characterized by individuality and quality. We can produce your standard strainers in different versions and with various features and accessories.





Optional: differential pressure display, emptying flange, quick lock by eye bolts, variant as **Corner strainer 90°**

Basket strainer DN400 Type SKF Stainless steel 1.4571

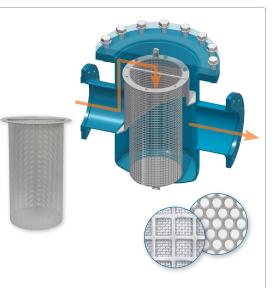
Basket strainer Type SKF

welded design, strainer element: basket with fine sieve, standard with flanges according to DIN EN 1092-1 / 01

- » clean liquid, viscous and gaseous media
- » protection pipe systems, fittings and industrial systems
- » extensive accessories and technical equipment
- » easy cleaning of filter elements
- » various surface coating and special materials
- » welded connections according DIN EN 12627 / ANSI
- » design according to Pressure Equipment Directive 2014/68/EU
- » design, mesh size for filter inserts to customer specifications

Standard Type SKF

Body: Steel (blue, RAL5010) / Stailess steel (pickled, passivated) Basket: Stainless steel (1.4301) with square perforation Qg 10-12, Fine sieve 1 mm Vent socket in the cap, drain socket in the dished end Temperature range: -10 ... +50 ℃



Applications

» wastewater, spray nozzle systems, protection of heat exchangers, food industry, descaling systems, lubrication systems, cooling towers, boiler feed water, paper coating, refining, watering plants, paper industries, and many more

N. diameter:	DN50 DN1200	more on request	
N. pressure:	PN16 (PN06, PN10)	PN40, PN63 – more on request	
Body:	Steel P235GH (1.0345)	Stainless steel 1.4571	
Flange:	Steel P250GH (1.0460)	Stainless steel 1.4571	
Gasket:	Graphite-Carrier sheet	more on request	
Basket:	Stainless steel 1.4301		
Fine sieve:	Stainless steel 1.4401		
Temperature:	-10 °C +50 °C	on request -200 °C 450 °C	
Face-to-face:	according to EN 558-1	customer specifications	
Mesh size:	0,01 mm 10 mm	more on request	
Optional:	Special material (Monell, Hastelloy, Duplex,), quick lock, pedestal, supporting bracket, cap-lift- and swivel-unit, mounted valves, heating jacket, various certificates and approvals		

Mounted valves for Type SKF

Shut off and regulating media stream:

» ball valves, butterfly valves, gate valves, blank disks, ring spacers, orifice plates

Security and monitoring of the media:

» bursting disks, magnet bars, differential pressure display, analogue / digital thermometers



High pressure strainer Type SKF-H

welded design, strainer element: basket with fine sieve, standard with flanges according to DIN EN 1092-1 / 01

- » clean liquid, viscous and gaseous media
- » protection pipe systems, fittings and industrial systems
- » variants for high nominal pressure to PN400
- » with tongue and groove in the sealing surface
- » vent socket in the cap, drain socket in the dished end
- » design according to Pressure Equipment Directive 2014/68/EU

N. diameter:	DN50 DN500, more on request
N. pressure:	up to PN400 (according DIN EN 1333)
Body:	Steel P235GH (1.0345) / Stainless steel 1.4571
Flange:	Steel P250GH (1.0460) / Stainless steel 1.4571
Gasket:	Cam-profile gaskets, more on request
Basket:	Stainless steel 1.4301
Fine sieve:	Stainless steel 1.4401
Temperature:	-10 °C +50 °C; on request -200 °C 450 °C
Face-to-face:	according to EN 558-1 / customer specifications
Mesh size:	0,01 mm 10 mm, more on request
Optional:	Special material, quick lock, pedestal, supporting bracket, cap-lift- and swivel-unit, mounted valves, heating jacket, various certificates and approvals

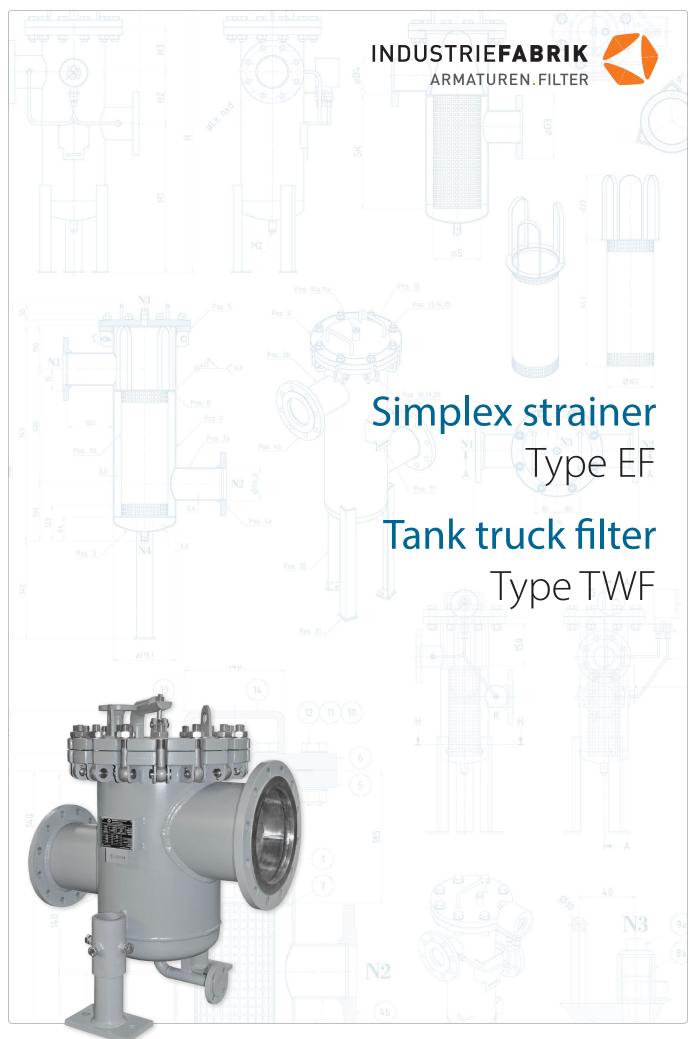


High pressure strainer **Type SKF-H** Steel, DN150 CL400 (68 bar), with differential pressure display



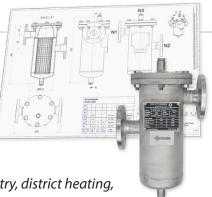
High pressure strainer **Type SKF-H**, Steel, PN100





Simplex strainers – versatile industrial strainers.

Simplex type strainers of Industriefabrik Schneider GmbH are used to clean liquid, viscous and gaseous media. They offer perfect protection against undesirable particles and are cost effective in protecting your piping, industrial valves and plants. Simplex type strainers are widespread and versatile industrial filters. They are used in:



Power stations, water / wastewater resources management, food industry, district heating, tire, rubber, oil, gas and chemical industry.

The Industriefabrik Schneider GmbH is a manufacturer and distributor of basket type strainers, duplex / simplex strainers, industrial sieves, filters and replacement screens. Our strainers are characterized by individuality and quality. We can produce your standard strainers in different versions and with various features and accessories.



Simplex strainer Type EF

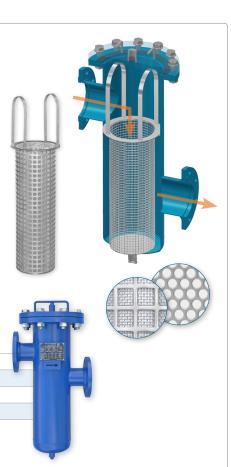
welded design, strainer element: basket with fine sieve, standard with flanges according to DIN EN 1092-1 / 01

- » clean liquid, viscous and gaseous media
- » protection pipe systems, fittings and industrial systems
- » extensive accessories and technical equipment
- » easy cleaning of filter elements
- » various surface coating and special materials
- » welded connections according DIN EN 12627 / ANSI
- » design according to Pressure Equipment Directive 2014/68/EU
- » design, mesh size for filter inserts to customer specifications

Standard Type EF

Body: Steel (blue, RAL5010) / Stailess steel (pickled, passivated) Basket: Stainless steel (1.4301) with square perforation Qg 10-12, Fine sieve 1 mm Vent socket in the cap, drain socket in the dished end

Temperature range: -10 ... +50 °C



Applications

» wastewater, spray nozzle systems, protection of heat exchangers, food industry, descaling systems, lubrication systems, cooling towers, boiler feed water, paper coating, refining, watering plants, paper industries, and many more

N. diameter:	DN50 DN500	more on request			
N. pressure:	PN16 (PN06, PN10) PN40, PN63 – more on request				
Body:	Steel P235GH (1.0345) Stainless steel 1.4571				
Flange:	Steel P250GH (1.0460)	Stainless steel 1.4571			
Gasket:	Graphite-Carrier sheet	more on request			
Basket:	Stainless steel 1.4301				
Fine sieve:	Stainless steel 1.4401				
Temperature:	-10 ℃ +50 ℃	on request -200 °C 450 °C			
Face-to-face:	according to EN 558-1	customer specifications			
Mesh size:	0,01 mm 10 mm	more on request			
Optional:	Special material (Monell, Hastelloy, Duplex,), quick lock, pedestal, supporting bracket, cap-lift- and swivel-unit, mounted valves, heating jacket, various certificates and approvals				

Mounted valves for Type EF

Shut off and regulating media stream:

» ball valves, butterfly valves, gate valves, blank disks, ring spacers, orifice plates

Security and monitoring of the media:

» bursting disks, magnet bars, differential pressure display, analogue / digital thermometers



Tank truck filter Type TWF

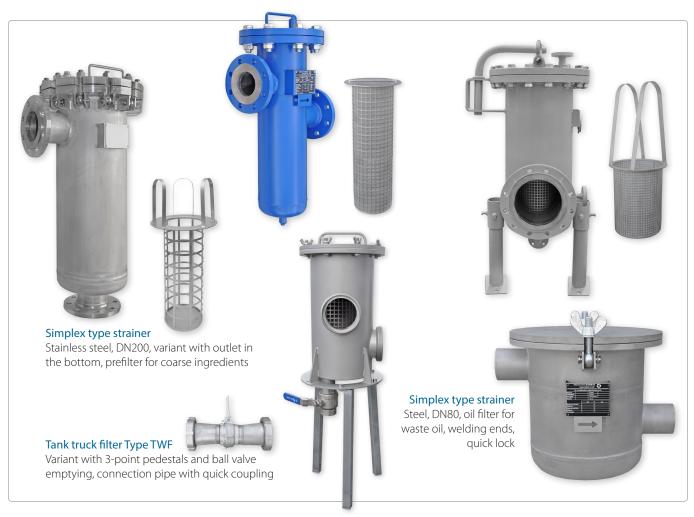
welded design, filter element standing curved, dairy pipe connection according DIN 11851

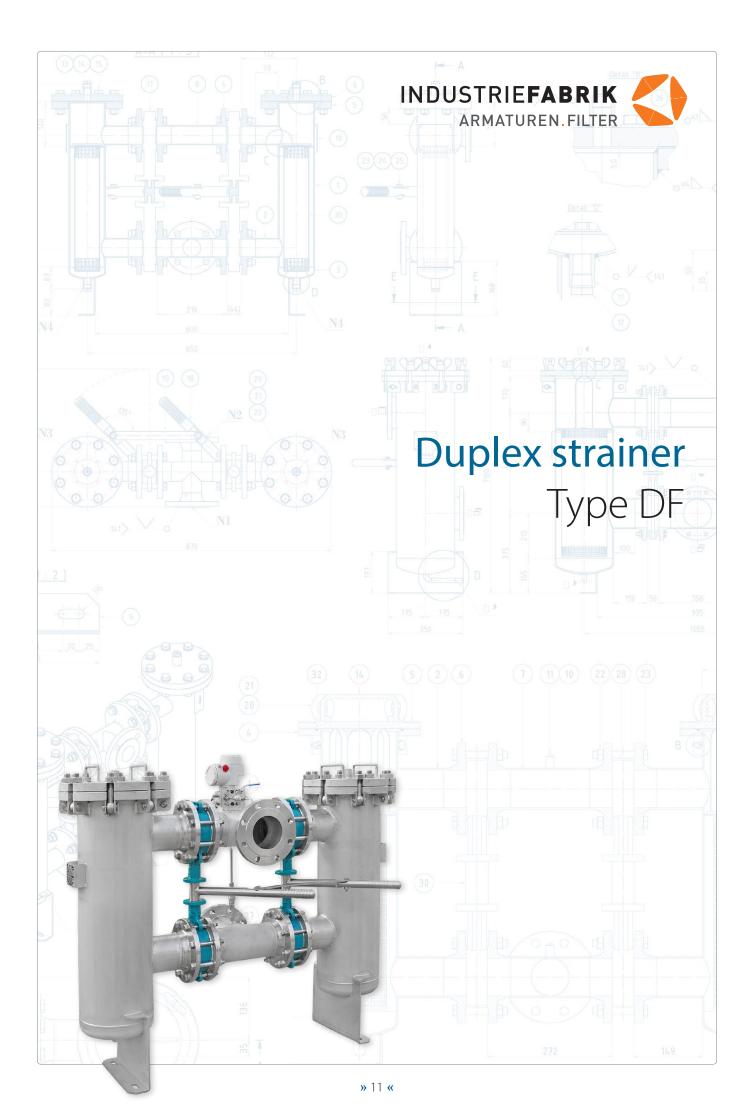
- » filtration of coarse components from the media stream
- » protection of pipelines, storage tanks and pumps
- » corrosion resistant by stainless steel components
- » time savings through body quick lock by eye bolts
- » filter change without tools
- » drain plug on bottom

N. diameter:	main pipe DN200
N. pressure:	2 bar; more on request
Connection:	DN100, 130 mm $ imes$ 1/4" acc. DIN 11851, Stainless steel
Body:	Stainless steel 1.4571
Filter element:	Stainless steel 1.4301
Mesh size:	10 mm, square perforation Qg 10-15; more on request
Temperature:	-10 °C +50 °C; more on request
Face-to-face:	\emptyset = 300 mm, H = 524 mm; customer specifications
Volume:	approx. 16 l
Optional:	ball valves for quick venting and emptying, pedestal, quick couplings



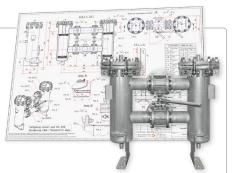
Tank truck filter Type TWF





Duplex type strainers – uninterrupted production process.

Duplex type strainers of Industriefabrik Schneider GmbH are used to clean liquid, viscous and gaseous media. They offer perfect protection against undesirable particles and are cost effective in protecting your piping, industrial valves and plants.



The cleaning of the sieve inserts can be done during production. By manual or automatic switching of the filter unit does not interrupt the production process.

The Industriefabrik Schneider GmbH is a manufacturer and distributor of basket type strainers, duplex / simplex strainers, industrial sieves, filters and replacement screens. Our strainers are characterized by individuality and quality. We can produce your standard strainers in different versions and with various features and accessories.

Duplex strainer Type DF DN65 PN10, Stainless steel, manual switchable filter unit with butterfly valves Duplex strainer Automated DN65 PN10, Steel, automated switchable filter unit with pneumatic actuator

Duplex strainer Type DF DN65 PN40, Stainless steel, manual switchable filter unit with 4 ball valves Duplex strainer Type DF DN65 PN16, Stainless steel, manual switchable filter unit with 2 3-way ball valves

Duplex strainer Type DF – Butterfly valves

welded design, strainer element: basket with fine sieve, standard with flanges according to DIN EN 1092-1 / 01

- » clean liquid, viscous and gaseous media
- » protection pipe systems, fittings and industrial systems
- » butterfly valves for uninterrupted production process by manual switchable filter unit
- » easy cleaning of filter elements
- » extensive accessories and technical equipment
- » welded connections according DIN EN 12627 / ANSI
- » various surface coating and special materials
- » design, mesh size for filter inserts to customer specifications
- » design according to Pressure Equipment Directive 2014/68/EU

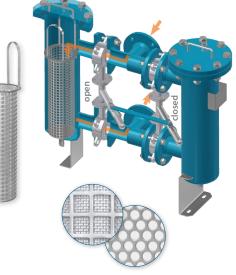
Standard Butterfly valves

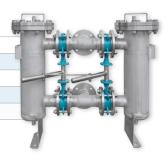
Body: Steel (blue, RAL5010) / Stailess steel (pickled, passivated)

- Basket: Stainless steel (1.4301) with square perforation Qg 10-12, Fine sieve 1 mm
- Vent socket in the cap, drain socket in the dished end

Manual switching unit with 4 butterfly valves

Angle stand with mounting holes





Duplex strainer Type DF – Ball valves

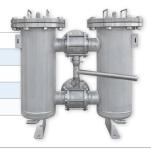
welded design, strainer element: basket with fine sieve, standard with flanges according to DIN EN 1092-1 / 01

- » clean liquid, viscous and gaseous media
- » protection pipe systems, fittings and industrial systems
- » 2-way ball valves for uninterrupted production process by manual switchable filter unit
- » variants with 3-way ball valves for compact design
- » extensive accessories and technical equipment
- » easy cleaning of filter elements
- » welded connections according DIN EN 12627 / ANSI
- » various surface coating and special materials
- » design, mesh size for filter inserts to customer specifications
- » design according to Pressure Equipment Directive 2014/68/EU

Standard Ball valves

Body: Steel (blue, RAL5010) / Stailess steel (pickled, passivated) Basket: Stainless steel (1.4301) with square perforation Qg 10-12, Fine sieve 1 mm Vent socket in the cap, drain socket in the dished end Manual switching unit with 4 2-way- or 2 3-way ball valves Angle stand with mounting holes





Duplex strainer Type DF – Automated

welded design, strainer element: basket with fine sieve, standard with flanges according to DIN EN 1092-1 / 01

- » clean liquid, viscous and gaseous media
- » protection pipe systems, fittings and industrial systems
- » pneumatic rotary actuator with butterfly valves for uninterrupted production process by automated switchable filter unit
- » analogue / digital differential pressure displays and thermometers for automated control and regulation of filtration processes
- » welded connections according DIN EN 12627 / ANSI
- » design according to Pressure Equipment Directive 2014/68/EU

Applications

» filtration of media in automated production processes, wastewater, protection of heat exchangers, food industry, lubrication systems, cooling towers, boiler feed water, paper coating, refining, watering plants, paper industries, and many more

N. diameter:	DN50 DN150	more on request
N. pressure:	PN16 (PN06, PN10)	PN40, PN63 – more on request
Body:	Steel P235GH (1.0345)	Stainless steel 1.4571
Flange:	Steel P250GH (1.0460)	Stainless steel 1.4571
Gasket:	Graphite-Carrier sheet	more on request
Basket:	Stainless steel 1.4301	
Fine sieve:	Stainless steel 1.4401	
Temperature:	-10 °C +50 °C	on request -200 °C 450 °C
Face-to-face:	according to EN 558-1	customer specifications
Mesh size:	0,01 mm 10 mm	more on request
Optional:		x,), quick lock, supporting bracket, cap-lift- and swivel-unit, ng jacket, various certificates and approvals

Mounted valves for Type DF

Shut off and regulating media stream:

» ball valves, butterfly valves, gate valves, blank disks, ring spacers, orifice plates

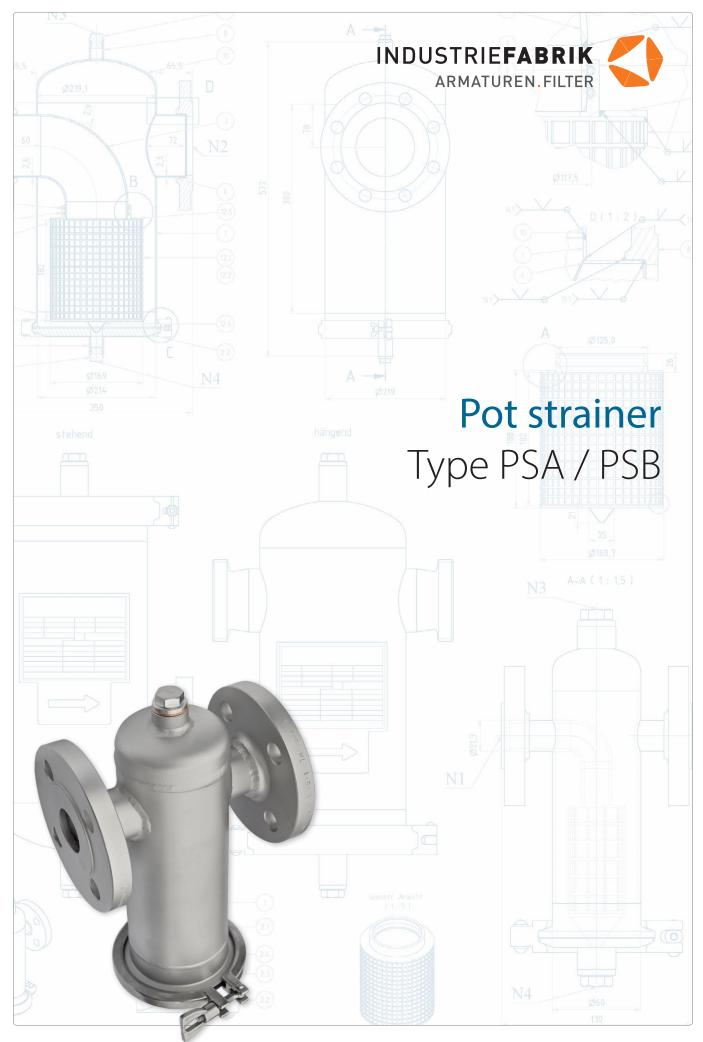
Security and monitoring of the media:

» bursting disks, magnet bars, differential pressure display, analogue / digital thermometers



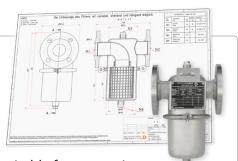






Pot type strainers made of stainless steel – a cost effective alternative.

Pot type strainers are a cost-efficient alternative to the traditional strainers. They are also available in small mesh sizes (from DN15) and can be directly intergrated into the pipeline systems. Potholders are



made entirely of stainless steel, are resistant to the corrosion and are suitable for aggressive media. The standard version consists of a deep-drawn stainless steel housing and has a vent socket in the lid, drain socket in the dished end.

Pot type strainers Type PSA do **not need a tool for changing the sieve inserts**. A clamp connection with a wing nut according to the DIN 32676 closes the housing up to the pressure stage PN10.

Pot type strainers Type PSB have a **quick-release housing** (clamp ring with 2 screws) and can be used up to the pressure level PN16.



Pot type strainer Type PSA / PSB

welded design, strainer element: basket with fine sieve, standard with flanges according to DIN EN 1092-1 B

- » clean liquid and gaseous media
- » resistant to corrosion by stainless steel components
- » easy cleaning and maintenance
- » compact design and low weight
- » mounting position standing or hanging
- » design according to Pressure Equipment Directive 2014/68/EU
- » mesh size for filter elements individually according to customers

Standard Type PSA

Body: Stainless steel (pickled, passivated)

Basket: Stainless steel (1.4301) with square perforation Qg 10-12, Fine sieve 0,5 mm

Aseptic clamp connection with wing nut according DIN 32676

Vent socket in the cap, drain socket in the dished end

Standard Type PSB

Body: Stainless steel (pickled, passivated)

Basket: Stainless steel (1.4301) with square perforation Qg 10-12, Fine sieve 0,5 mm Body quick lock (clamp ring with 2 screws)

Vent socket in the cap, drain socket in the dished end

Applications

» protection fittings and industrial systems, filtration processes with aggressive media, for direct integration into pipe systems, time savings for filter cleaning by body quick lock, lowcost alternative even in small nominal sizes

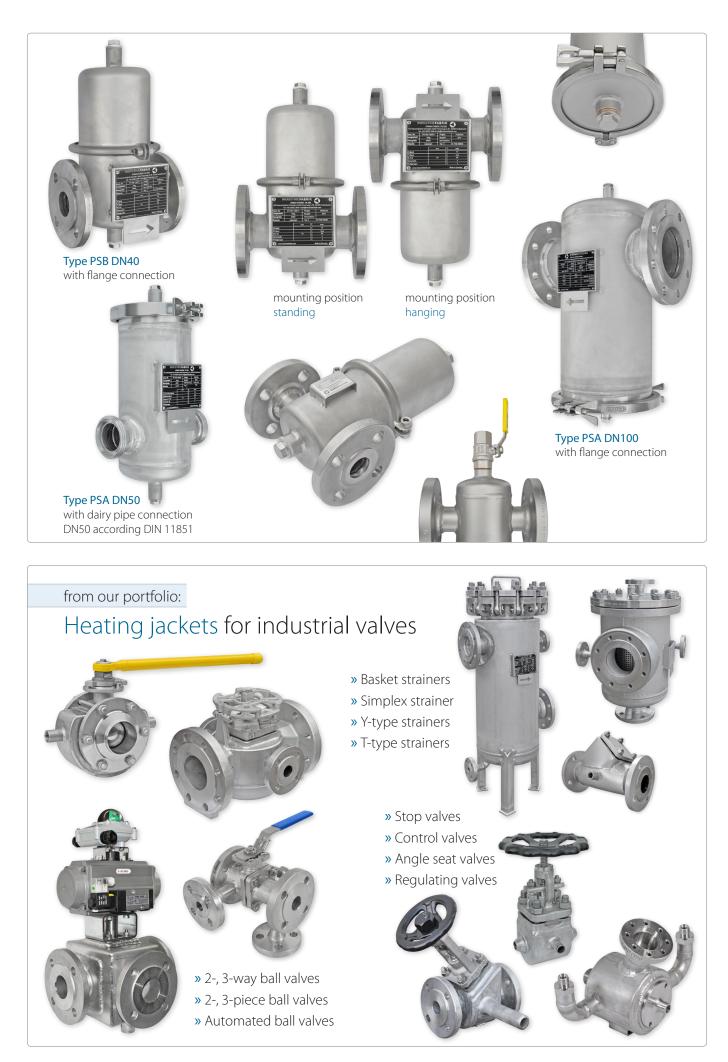
N. diameter:	DN15 DN100			
N. pressure:	Type PSA: PN10; Type PSB: PN16			
Body:	Type PSA: Stainless steel 1.4404; Type I	PSB: Stainless steel 1.4404, deep draw		
Flange:	Stainless steel 1.4571			
Gasket:	EPDM	more on request		
Basket:	Stainless steel 1.4301	screwed		
Fine sieve:	Stainless steel 1.4401			
Temperature:	-30 150 °C, depending on pressure /	' media		
Face-to-face:	according EN 558	special size possible		
Mesh size:	0,02 mm 10 mm	more on request		
Optional:	Butt weld ends according to DIN EN ISO 1127, External thread according to DIN EN 10226-1 / DIN EN ISO 228-1, ANSI-flange CL150 according to ASME B16.5, NPT-screwed sockets according to ASME B16.11			

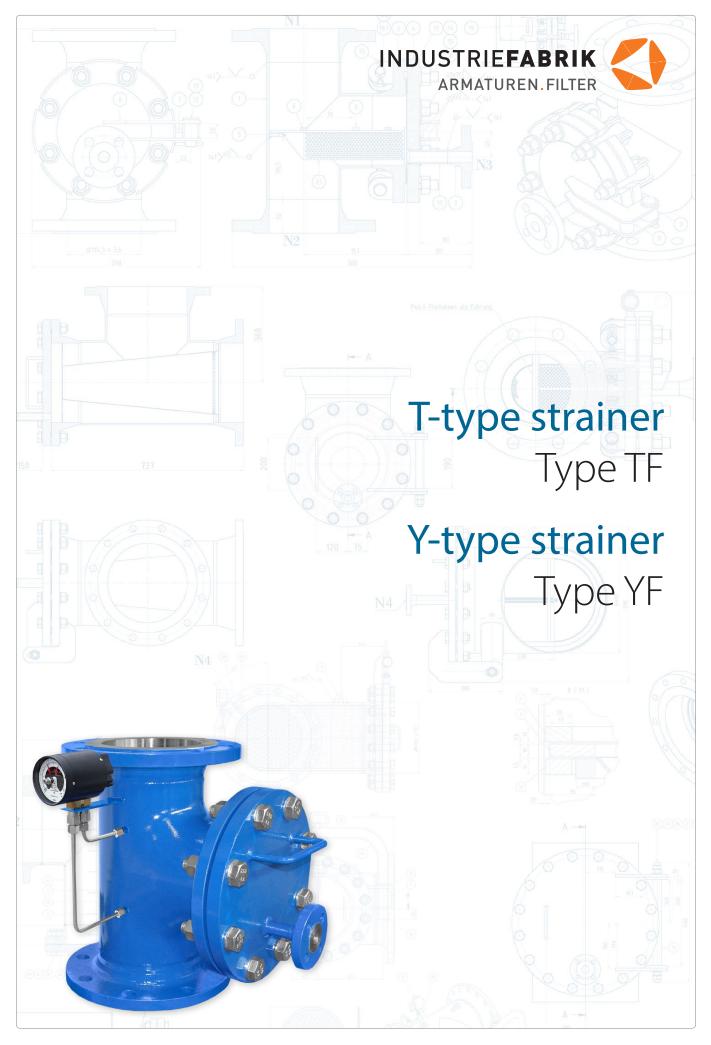
Mounted valves for Type PSA / PSB

Shut off and monitoring media stream:

» ball valves for quick venting and emptying, differential pressure display, analogue / digital thermometer





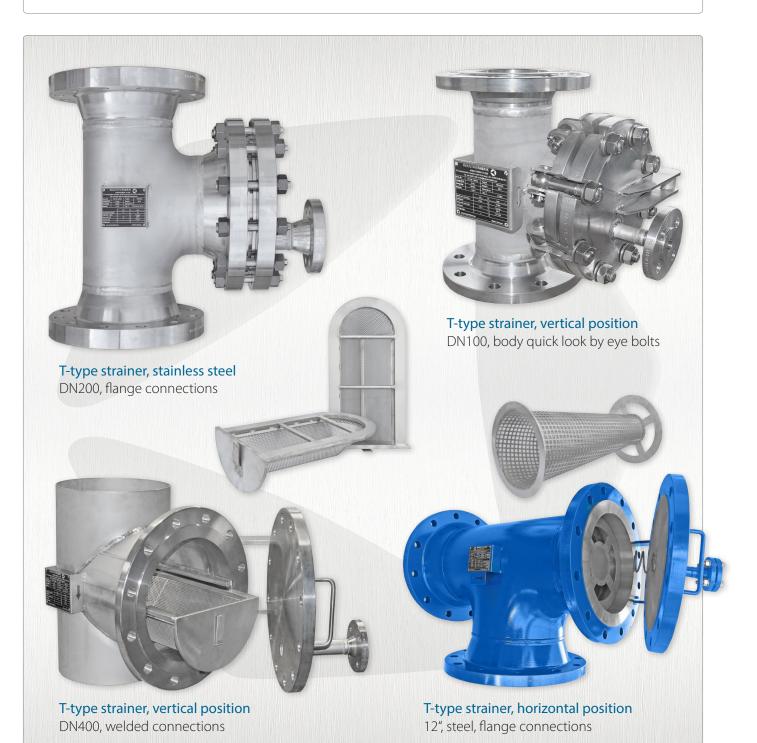


T-type strainers – direct integration in piping systems.

T-type strainers of Industriefabrik Schneider GmbH are used to clean liquid, viscous and gaseous media. They serve to protect downstream plant components such as fittings, pumps, storage

tanks and pipelines. This design allows them to be integrated directly into piping systems. A cover pivot mechanism with hinge facilitates the removal of the mesh plate for cleaning and maintenance work.

The Industriefabrik Schneider GmhH is a manufacturer and distributor of basket type strainers, duplex / simplex strainers, industrial sieves, filters and replacement screens. Our strainers are characterized by individuality and quality. We can produce your standard strainers in different versions and with various features and accessories.



T-type strainer Type TF

welded design, mesh plate with fine sieve, standard with flange according DIN EN 1092-1 / 01

- » clean liquid, viscous and gaseous media
- » collision protection or permanent protection of pipes, pumps and valves
- » easy removal and cleaning of the mesh plate
- » design for vertical and horizontal position of installation
- » welded connections according DIN EN 12627 / ANSI
- » design according to Pressure Equipment Directive 2014/68/EU
- » various surface coatings and special materials
- » design, mesh size for filter inserts / mesh plate to customer specifications

Standard Type TF

Body: Steel (blue, RAL5010) / Stainless steel (pickled, passivated)

Filter element: Mesh plate stainless steel with round perforation, Mesh size 2 mm

Vent socket / vent flange in the case cover

Cover with handles

Applications

» water / waste water, irrigation systems, paper industry, protection of industrial plants, raw oil filtration, lube oil systems, by construction T-shaped direct integration into pipeline systems, etc.

N. diameter:	DN100 DN1000	more on request	
N. pressure:	uo to 600 lbs	more on request	
Body:	Steel P235GH (1.0345); Stainless steel 1.4571		
Filter element:	Stainless steel 1.4404, mesh size 1 10 mm		
Temperature:	-10 °C 400 °C		
Face-to-face:	according EN 558-1	customer specifications	
Optional:	cover pivot mechanism with hinge, handles, body quick look, differential pressure display, analogue / digital thermometer, heating jacket, welded connections, different designs		

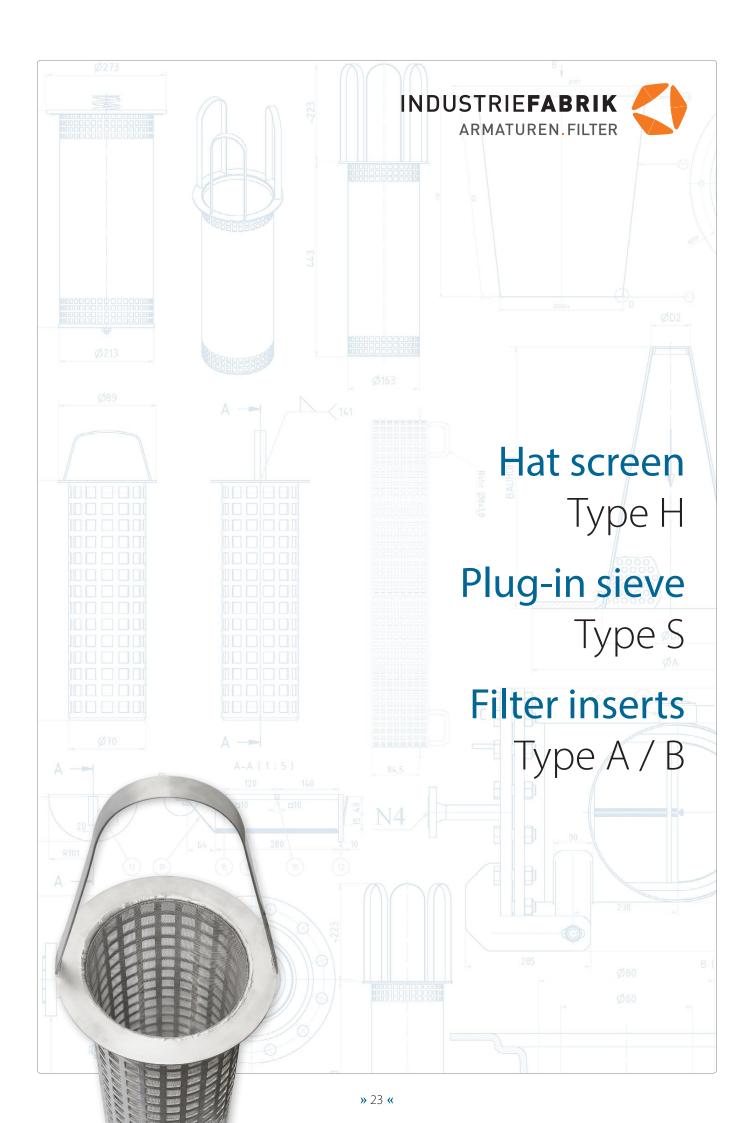


Y-strainer Type YF in different versions and variants, basket with fine sieve » clean liquid, viscous and gaseous media » protection of pipes, pressure vessels, pumps and valves » design according to Pressure Equipment Directive 2014/68/EU N. diameter: DN10 ... DN500, more on request Body: Steel / Stainless steel / Cast iron, more on request Connections: Flange / Welding ends / Thread Basket: Stainless steel Face-to-face: according EN 558, EN12982, special length Mesh size: 0,01 mm ... 10 mm, more on request **Optional:** differential pressure gauge, heating jacket, drain / vent plug, butt weld ends, different sizes Modifikations Y-strainers » construct and replacement of filter inserts » changing of seals (also of third-party suppliers)

» installation of differential pressure gauge, venting, emptying, custom fittings connections

numerous Y-strainers renowned manufacturers at the shop under: order.industriefabrik.com





Hat screen Type H

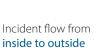
welded design, to install between standard flanges according to DIN EN 1092-1 Form B1 / ANSI B 16.5, Stainless steel

- » clean liquid, viscous and gaseous media
- » temporary protection during commissioning of industrial plants
- » permanent protection downstream valves and pipes
- » long life time and low pressure losst
- » incident flow from inside to outside
- » customized overall length and mesh size

Technical specifications Type H

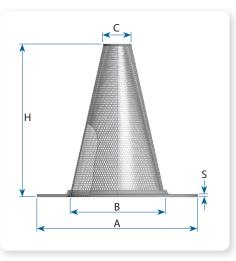
N. diameter:	DN25 DN300; more on request
N. pressure:	PN10 PN40
Sieve ring:	Stainless steel 1.4571, S = 3 mm
Perforated sheets 1.4571:	DN025 DN125: perforation Rv 5/8 × 1 DN200 DN300: perforation Rv 3,1/4,5 × 1
Wire mesh 1.4401:	DN025 DN125: mesh size 1,0 mm DN200 DN300: mesh size 1,5 mm
Optional:	incident flow from outside to inside, individual design / perforated sheets, material thickness



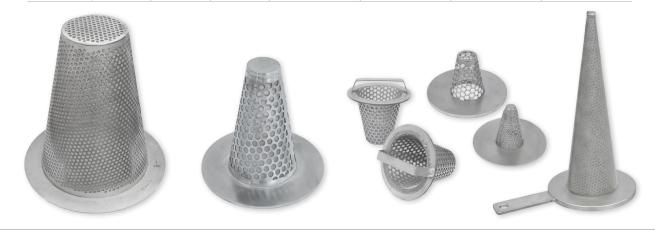








N. diameter DN	Ø Foot B [mm]	Ø Tip C [mm]	Height H [mm]	Flange PN10 A [mm]	Flange PN16 A [mm]	Flange PN25 A [mm]	Flange PN40 A [mm]
50	53	18	85	106	106	106	106
65	68	18	119	126	126	126	126
80	83	18	153	141	141	141	141
100	103	28	175	161	161	167	167
125	128	28	232	191	191	193	193
150	153	33	277	216	216	222	222
200	203	63	322	271	271	282	288
250	253	63	435	326	327	338	350
300	303	63	548	376	382	398	415



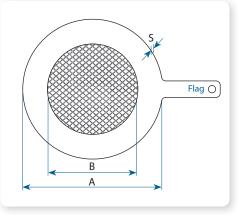
Plug-in sieve Type S

welded design, to install between standard flanges according to DIN EN 1092-1 Form B1 / ANSI B 16.5, Stainless steel

- » clean liquid, viscous and gaseous media
- » temporary protection during commissioning of industrial plants
- » permanent protection downstream valves and pipes
- » long life time and low pressure loss
- » due to the thin construction depth faster installation, expansion and cleaning
- » for horizontal and vertical mounting position

Technical specifications Type S

N. diameter:	DN25 DN300; more on request			
N. pressure:	PN10 PN40			
Sieve ring:	Stainless steel 1.4571, S = 3 mm			
Wire mesh:	Stainless steel 1.4301; internally, mesh size 1 mm			
Optional:	individual design / perforated sheets, different material thickness			



-2016

N. diameter DN	Ø Bore B [mm]	Flange PN10 A [mm]	Flange PN16 A [mm]	Flange PN25 A [mm]	Flange PN40 A [mm]
50	53	106	106	106	106
65	68	126	126	126	126
80	83	141	141	141	141
100	103	161	161	167	167
125	128	191	191	193	193
150	153	216	216	222	222
200	203	271	271	282	288
250	253	326	327	338	350
300	303	376	382	398	415









IFS Industriefabrik Schneider GmbH

 Rosenweg 3 · 06780 Großzöberitz

 Phone:
 +49 (0) 34956 / 3996-0

 Fax:
 +49 (0) 34956 / 3996-66

 E-Mail:
 info@industriefabrik.com

 Web:
 www.industriefabrik.com

