Siebkorbfilter Typ SKF

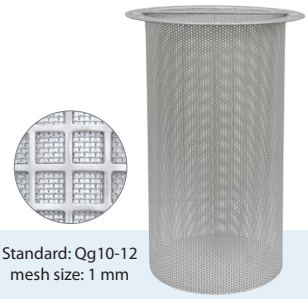
geschweißte Ausführung, DN50 ... DN1000; PN6 ... PN40

» Filtration von flüssigen, viskosen und gasförmigen Medien
» Schutz von Rohrleitungen, Behältern und Armaturen

Standard mit Flanschen gemäß DIN EN 1092-1 / 01; Filtereinsatz aus Stützkorb mit Feinsieb; Entlüftungsmuffe im Deckel, Entleerungsmuffe im Gehäuseboden; Auslegung nach Druckgeräterichtlinie DGR 2014/68/EU

Gehäuse:	Stahl P250GH (1.0460) - RAL5010, blau; Edelstahl X6CrNiMoTi17-12-2 (1.4571) - gebeizt, passiviert
Flansch:	Stahl P250GH (1.0460); Edelstahl X6CrNiMoTi17-12-2 (1.4571)
Filtereinsatz:	Stützkorb Edelstahl (1.4301) mit Quadrat Lochung Qg 10-12
Feinsieb:	Edelstahl X5CrNiMo17-12-2 (1.4401), Maschenweite 1 mm
Dichtung:	Graphit-Spießblech
Temperatur:	-10 °C ... +50 °C
Baulänge:	gemäß EN 558-1, Baureihe 1

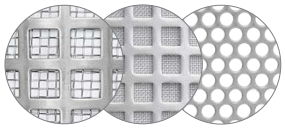
max. zul. Differenzdruck: 2 bar, empfohlen max. 0,5 bar;
max. zul. Strömungsgeschwindigkeit 2,5 m/s (H_2O); max. zul. Temperaturanstieg: 50 °C/h



Standard: Qg10-12
mesh size: 1 mm

Basket strainer Type SKF

welded design, DN50 ... DN1000; PN6 ... PN40



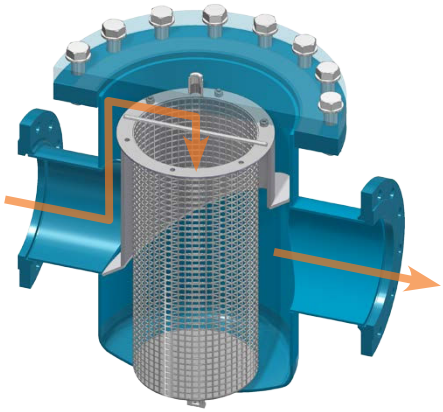
optional filter inserts:
mesh size 0.05 ... 10 mm

» clean liquid, viscous and gaseous media
» protection pipe systems, vessels and industrial systems

vent socket in the cap, drain socket in the dished end;
design according to Pressure Equipment Directive 2014/68/EU

Body:	Steel P250GH (1.0460) - RAL5010, blue; Stainless steel X6CrNiMoTi17-12-2 (1.4571) - pickled, passivated
Flanges:	Steel P250GH (1.0460); Stainless steel X6CrNiMoTi17-12-2 (1.4571)
Basket:	Stainless steel (1.4301) with square perforation Qg 10-12
Fine sieve:	Stainless steel X5CrNiMo17-12-2 (1.4401), mesh size 1 mm
Gasket:	Graphite-Carrier sheet
Temperature:	-10 °C ... +50 °C
Face-to-face:	according to EN 558-1

max. permitted differential pressure: 2 bar, recommended max. 0,5 bar;
max. permitted flow-speed 2,5 m/s (H_2O); max. permitted temperature rise: 50 °C/h

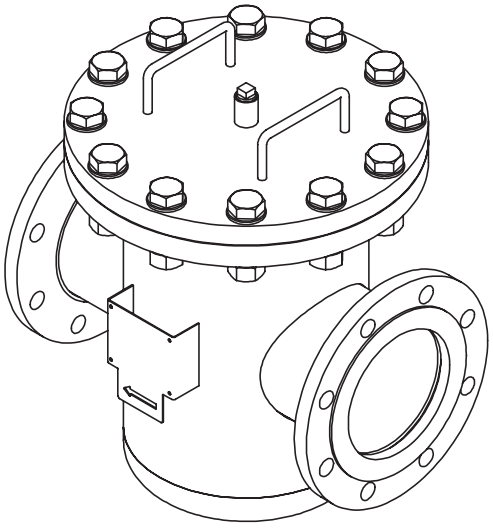


Irrtümer und Technische Änderungen vorbehalten · Errors and technical modification subject to change

Technische Daten / Technical specifications

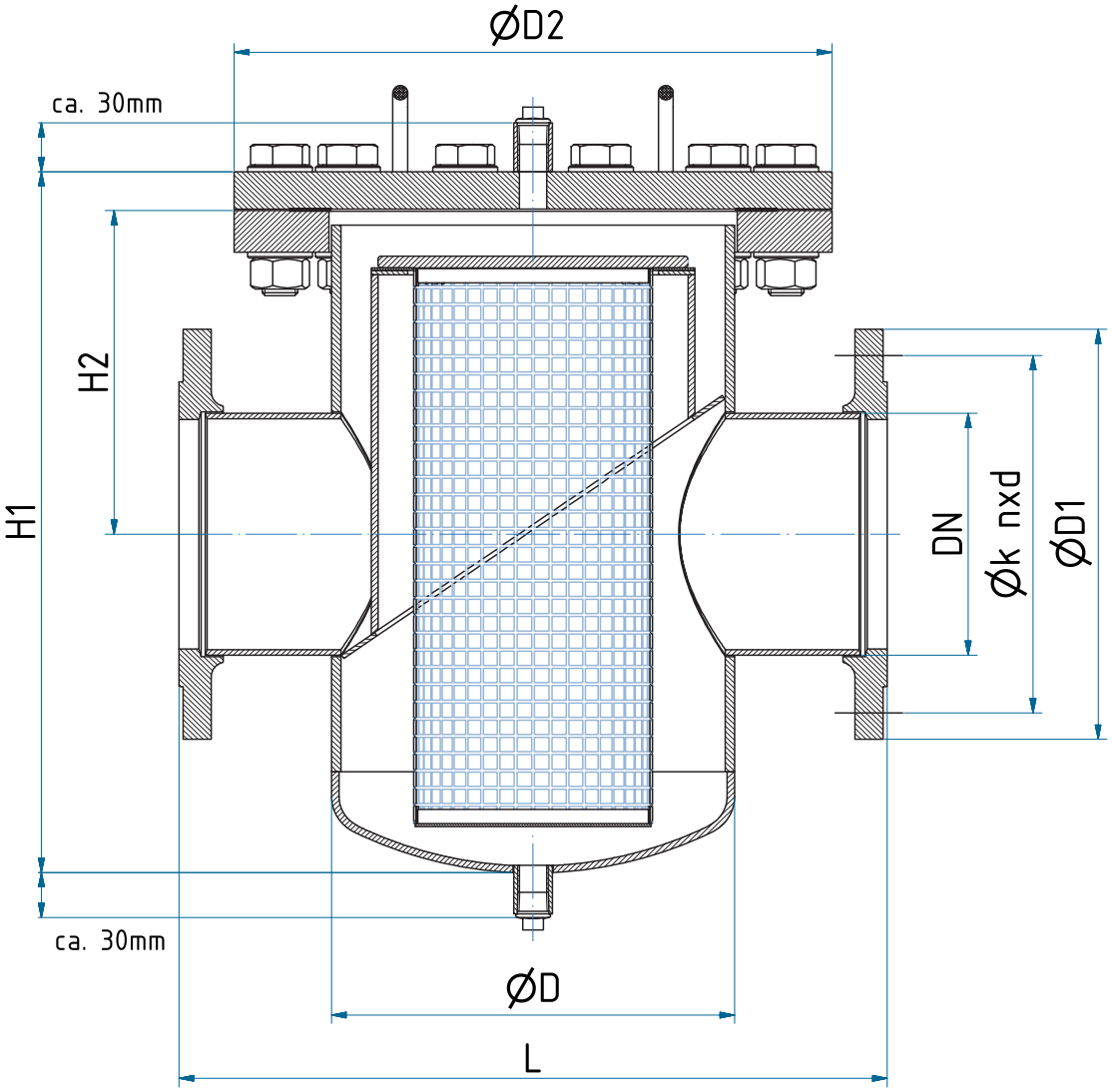
Nennweite / N. diameter DN	Druckstufe / N. pressure PN	Abmessungen / Dimensions						Flanschmaße / Flange dimensions			
		H1 [mm]	H2 [mm]	L [mm]	⌀ D [mm]	E1 [Zoll]	E2 [Zoll]	k [mm]	n × d [mm]	⌀ D1 [mm]	⌀ D2 [mm]
50	10	255	145	230	114,3	½"	½"	125	4 × ø18	165	220
	16							125	4 × ø18	165	220
65	10	300	168	290	139,7	½"	½"	145	(4)8 × ø18	185	250
	16							145	(4)8 × ø18	185	250
80	10	330	183	310	168,3	½"	½"	160	8 × ø18	200	285
	16							160	8 × ø18	200	285
100	10	415	220	350	219,1	½"	½"	180	8 × ø18	220	340
	16							180	8 × ø18	220	340
125	10	415	220	400	273	½"	½"	210	8 × ø18	250	395
	16							210	8 × ø18	250	405
150	10	505	255	480	323,9	½"	½"	240	8 × ø22	285	445
	16							240	8 × ø22	285	460
200	10	610	300	600	355,6	½"	¾"	295	8 × ø22	340	505
	16							295	12 × ø22	340	520
250	10	700	340	730	457	½"	¾"	350	12 × ø22	395	615
	16							355	12 × ø26	405	640
300	10	830	405	850	508	¾"	1"	400	12 × ø22	445	670
	16							410	12 × ø26	460	715
350	10	970	460	980	610	¾"	1 ½"	460	16 × ø22	505	780
	16							470	16 × ø22	520	840
400	10	1095	530	1100	711	¾"	1 ½"	515	16 × ø26	565	895
	16							525	16 × ø30	580	910
450	10	1095	530	1200	711	¾"	1 ½"	565	20 × ø26	615	895
	16							585	20 × ø30	640	810
500	10	1145	555	1250	711	¾"	1 ½"	620	20 × ø26	670	895
	16							650	20 × ø33	715	910
500	10	1170	560	1400	813	¾"	1 ½"	620	20 × ø26	670	1015
	16							650	20 × ø33	715	1025

N. diameter DN	Filter area [cm^2]	Volume [l]	Weight [kg]
50	290	2,2	20
65	420	4,0	27
80	650	6,5	36
100	1270	14	55
125	1270	15	57
150	2025	36	106
200	3350	58	157
250	4560	108	305
300	5815	163	412
350	9285	268	625
400	11690	408	819
450	11690	436	856
500	12020	480	925
500	13190	620	1125

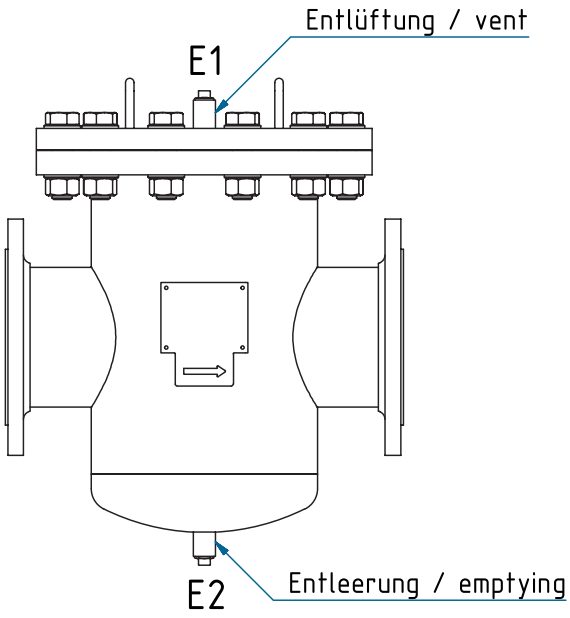


Irrtümer und Technische Änderungen vorbehalten · Errors and technical modification subject to change

Technische Zeichnung / Technical drawing



Siebkorbfilter / Basket type strainer
Typ SKF, DN150 PN16



Irrtümer und Technische Änderungen vorbehalten · Errors and technical modification subject to change

Optionale Komponenten

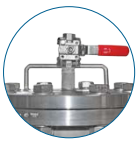
» Schweißanschlüsse gemäß DIN EN 12627 / ANSI
» verschiedene Oberflächenbeschichtungen und Sondermaterialien (Monell, Hastelloy, Duplex, …)
» Dreipunkt-Standfüße, Hebeösen
» Deckel-Hebe- und Schwenk-Vorrichtung, Deckel-Schnellverschluss
» Anbauarmaturen für Sicherheit und Überwachung der Medien: Berstscheiben, Magnetstäbe, Druckmessumformer, analoge / digitale Thermometer / Differenzdruck-Manometer
» Anbauarmaturen / Zubehör für Regulierung des Medienstromes: Kugelhähne, Absperrklappen, Schieber, Drosselscheiben, Blindscheiben, Brillensteckscheiben
» geschweißter Heizmantel / Doppelmantel aus Edelstahl
» Varianten mit höheren Druckstufen, Temperaturbereichen
» kundenspezifische Baulängen, Dichtungen, Maschenweiten für Siebeinsätze
» verschiedene Zertifikate und Zulassungen

Optional components

» weld connections according to DIN EN 12627 / ANSI
» different surface coatings, special materials (Monell, Hastelloy, Duplex, …)
» 3-point pedestal, lifting lugs
» cap-lift- and swivel-unit, quick look
» mounted valves for safety and monitoring of media: bursting disc, magnet bars, pressure transmitter, analogue / digital thermometer / differential pressure display
» mounted valves / equipment for regulation of media flow: ball valves, butterfly valves, gate valves, ring spacer, spade flanges, spectacle blinds
» weld stainless steel heating jacket
» variants for higher pressure stages, temperature ranges, customized overall length, various gasgets
» various certificates and approvals

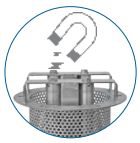
Industrial paints RAL

mounted valves for pressure & temperature

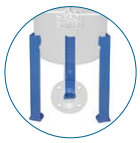

mounted valves for vent & drain

valves to regulate mediastream

bursting discs


magnet bars

cap-lift- & swivel-unit


3-point pedestal

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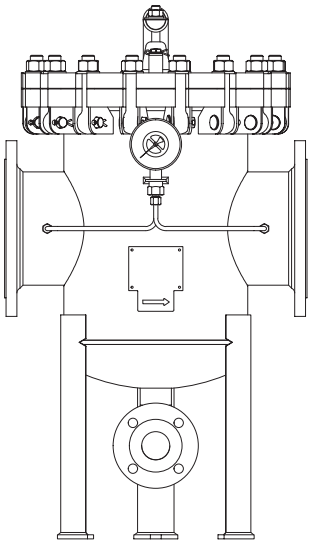
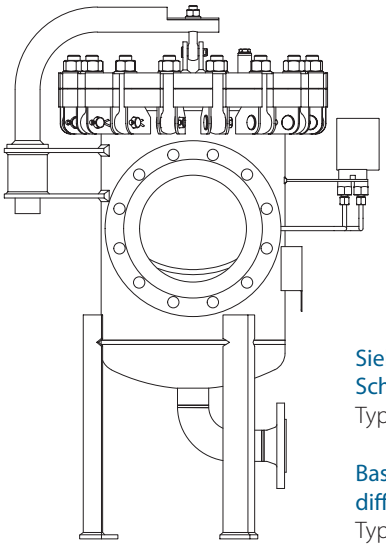
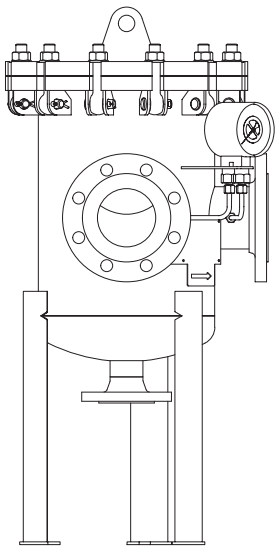
Optionale Varianten / Optional variants

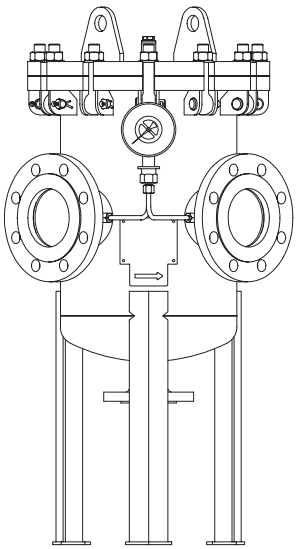




Siebkorbfilter mit Deckel-Hebe- / Schwenkvorrichtung; Schnellverschluss; Differenzdruck-Anzeige; 3-Punkt Standfüße
Typ SKF, DN200 PN16

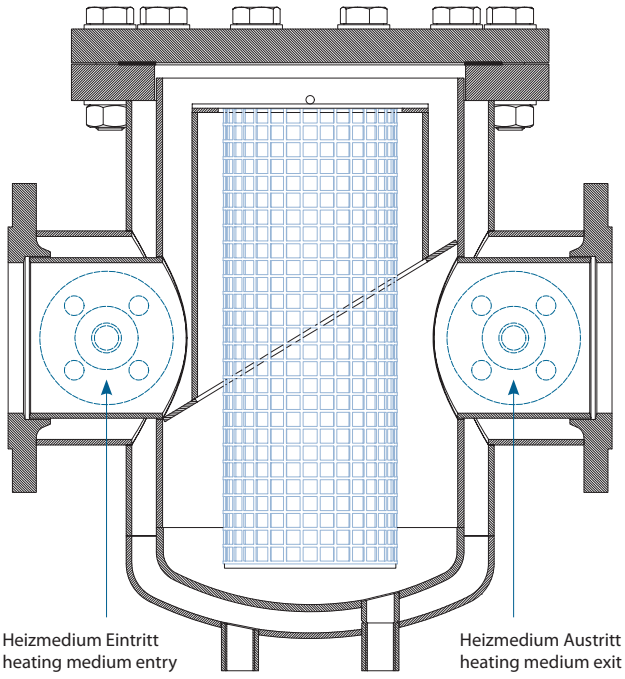
Basket type strainer with cap-lift- & swivel-unit; quick look; differential pressure gauge; 3-point pedestal
Type SKF, DN200 PN16





Eckfilter 90°
Typ SKF, DN100 PN10

Corner strainer 90°
Type SKF, DN100 PN10



beheizbarer Siebkorbfilter
mit geschweißtem Edelstahl Heizmantel
Typ SKF, DN100 PN10

heatable basket type strainer
with welded stainless steel heating jacket
Type SKF, DN100 PN10

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