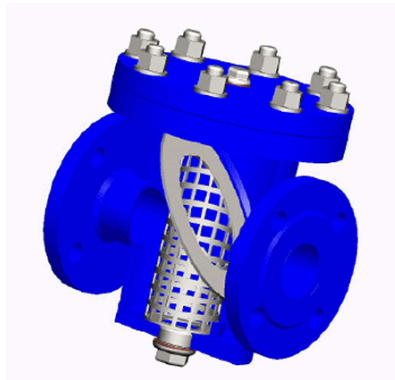


Strainer T type with screen DN50-500

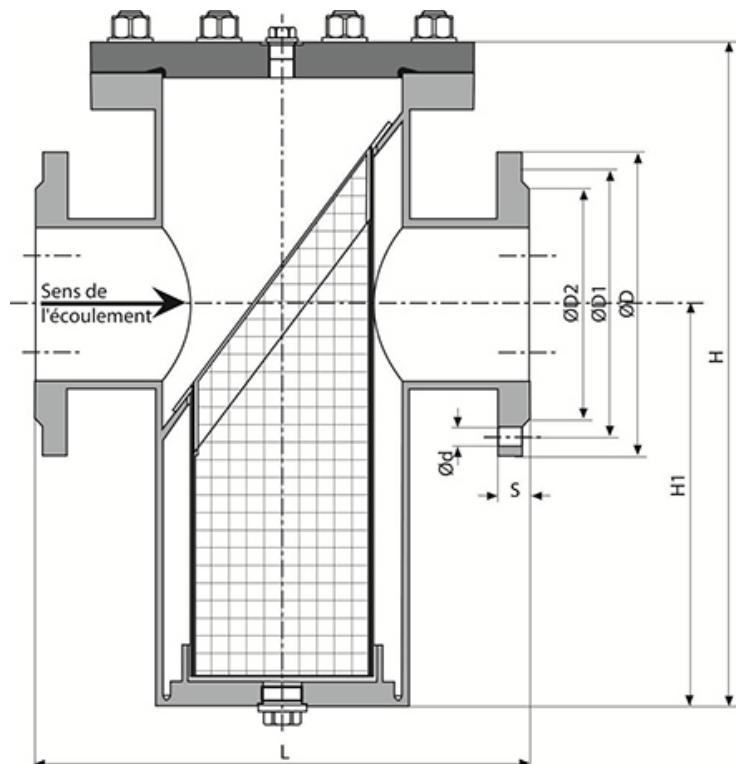


Range

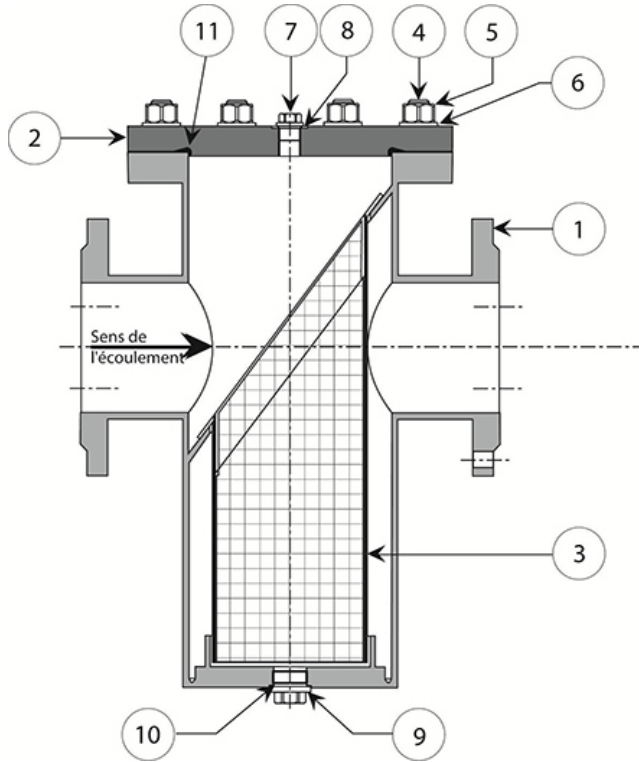
From DN50 to DN500 designed for a pressure rating of 10, 16 or 25 bars.

DN (mm)	PFA	L (mm)	H (mm)	H1 (mm)	ØD (mm)	ØD1 (mm)	ØD2 (mm)	S (mm)	Ød (mm)	Mass (kg)	References
50	16 bar	230	240	100	165	125	99	20	19	28.00	216296
50	25 bar	230	240	100	165	125	99	20	19	28.00	216328
65	25 bar	290	240	100	185	145	118	22	19	30.30	216297
65	10 bar	290	240	100	185	145	118	22	19	30.30	216329
80	16 bar	310	340	180	200	160	132	20	19	39.40	216298
80	25 bar	310	340	180	200	160	132	24	19	39.40	216330
100	10 bar	350	340	180	220	180	156	22	19	42.40	215584
100	16 bar	350	340	180	235	190	156	26	23	42.40	216331
125	25 bar	400	545	330	250	210	184	22	19	67.20	216299
125	10 bar	400	545	330	270	220	184	28	28	67.20	216332
150	16 bar	480	545	330	285	240	211	24	23	72.60	216300
150	25 bar	480	545	330	300	250	211	30	28	72.60	216333
200	10 bar	600	720	465	340	295	266	24	23	142.00	216302
200	16 bar	600	720	465	340	295	266	26	23	142.00	216310
200	25 bar	600	720	465	360	310	274	32	28	142.00	216334
250	10 bar	730	1000	530	395	350	319	26	23	232.40	216303
250	16 bar	730	1000	530	405	355	319	29	28	232.40	216321
250	25 bar	730	1000	530	425	370	330	35	31	232.40	216335

DN (mm)	PFA	L (mm)	H (mm)	H1 (mm)	ØD (mm)	ØD1 (mm)	ØD2 (mm)	S (mm)	Ød (mm)	Mass (kg)	References
300	10 bar	850	1000	530	445	400	370	26	23	305.80	216304
300	16 bar	850	1000	530	460	410	370	32	28	305.80	216322
300	25 bar	850	1000	530	485	430	389	38	31	305.80	216336
350	10 bar	980	1100	530	505	460	429	28	23	534.30	216305
350	16 bar	980	1100	530	520	470	429	35	28	534.30	216323
350	25 bar	980	1100	530	555	490	448	42	34	534.30	216337
400	10 bar	1100	1100	530	565	515	480	32	28	586.80	216307
400	16 bar	1100	1100	530	580	525	480	38	31	586.80	216324
400	25 bar	1100	1100	530	620	550	503	46	37	586.80	216339
450	10 bar	1200	1260	680	615	565	530	36	28	921.10	216308
450	16 bar	1200	1260	680	640	585	548	42	31	921.10	216326
450	25 bar	1200	1260	680	670	600	548	50	37	921.10	216340
500	10 bar	1250	1260	820	670	620	582	38	28	989.80	216309
500	16 bar	1250	1260	820	715	650	609	46	34	989.80	216327
500	25 bar	1250	1260	820	730	660	609	56	37	989.80	216351



Material and coating



Item	Designation	Material	Coating
1	Body	S235JRG2	Powder epoxy 250 microns
2	Cover	S235JRG2	Powder epoxy 250 microns
3	Perforated plate	X5CrNi1819	
4	Screw	A2-70	
5	Nut	A2	
6	Washer	A2	
7	Plug screw 1/2"	A2-70	
8	Gasket	Cu	
9	Plug screw 1"	A2-70	
10	Gasket	Cu	
11	Gasket	EPDM 70SH	

Hydraulic characteristics

Headloss calculation

With “Kv” flow coefficient it is possible to determinate the headloss inside the filter by application of the hereunder stated formula:

$$\Delta P = \frac{Q^2}{Kv^2}$$

with ΔP = headloss in bar, Q = flow rate in m³/hour, Kv = flow coefficient in m³/hour

Headloss with new filter

DN	50	65	80	100	125	150	200	250	300	350	400	450	500
Kv	54	87	140	210	360	480	865	1400	1900	2580	3100	3800	4580

The information on this sketch is, to the best of our knowledge correct at the time of printing. However Saint-Gobain are constantly looking at ways of improving their products and services therefore reserve the right to change without prior notice, any of the data shown. Any orders placed will be subject to our Standard Conditions of Sale, available on request.