

INFORMATION SHEET

PROSEP
FILTER SYSTEMS

STAINLESS STEEL Y TYPE ANSI 150 FLANGE

Materials: Body: stainless steel 1.4408, Screen: stainless steel 1.4408, Gasket: PTFE

Connection: flanged ends ANSI

Test pressure: 33 bar



DN	L	A	Mesh-width*	Weight (kg)
1/2"	120	85	1,50	3,00
3/4"	140	87	1,50	4,00
1"	150	114	1,50	6,00
1 1/2"	190	135	2,00	12,00
2"	210	155	2,00	14,00
2 1/2"	250	189	2,00	22,00
3"	280	200	2,00	25,00
4"	340	232	2,00	36,00
6"	420	326	2,00	70,00
8"	500	397	2,00	125,00
10"	730	512	2,00	205,00

* Fine screens at all nominal diameters mesh width 0,25 mm, free area 37%

** When ordering with fine screen: Article-Nr. + addition with F-SIEB

DIMENSIONS KEY

DN	L1	D1	Fo	KVS1	KVS2	Zet1	Zet2	Ø G	Ø R	P
1/2"	60	18	39%	2,70	2,50	2,14	2,5	36	29	2
3/4"	55	23	39%	8,80	7,10	3,25	5,03	43	34	2,5
1"	87,5	28	38%	16,9	15,5	2,14	2,55	48	39	2,5
1 1/2"	100	43	38%	38	33,2	2,83	3,67	63	54	2,0
2"	103,5	53	38%	56	47,5	3,11	4,36	72	64	2,5
2 1/2"	135	68	38%	89	72,7	3,51	5,28	88	79	2,0
3"	150	84	36%	127	96,8	4,02	6,90	106	93	2,0
4"	158,5	103	36%	200	167	3,92	5,63	130	119	3,0
6"	245	154	36%	494	389	3,26	5,26	193	182	3,5
8"	300	205	36%	675	570	5,50	7,60	251	239	3,5
10"	498	260	35%	860	710	3,80	4,10	310	299	3,5

DN	Nominal diameter
L	Face to face dimension (mm)
A	Centre line of pipe to end of cover (mm)
L1	Screen length (mm)
D1	Screen diameter (mm)
Fo	Free screen area standard element (mm)
KVS1	KVS-Value standardscreen (m ³ /h)
KVS2	KVS-Value fine screen (m ³ /h)
Zet1	Zeta-Value standardscreen
Zet2	Zeta-Value fine screen
Ø G	Outer-diameter coverflange gasket (mm)
Ø R	Inner-diameter coverflange gasket (mm)
P	Thickness coverflange gasket (mm)
D	Coverflange size
B	Distance required to remove screen (mm)

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