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Strainer made of grey cast iron
Series ST005



Design type	strainer with integrated mesh filter, Mesh size see table
Connection	Flanges DN15...DN300 according to EN1092-2, PN16
Materials	Housing Grey cast iron EN-JL1040, Filter insert Stainless steel 1.4301, Cover seal Graphite
Application range	Gases and liquids of group 2 in accordance with PED 2014/68/EU that do not attack the materials used
Medium temperature	-10...+300°C
Operating pressure	Nominal pressure according to the pressure-temperature table
Mounting type	Installation in rigid piping system
Mounting position	horizontal
Special version	Flanges PN6, PN10, PN25, Fine mesh filter with Mesh size 0,25mm

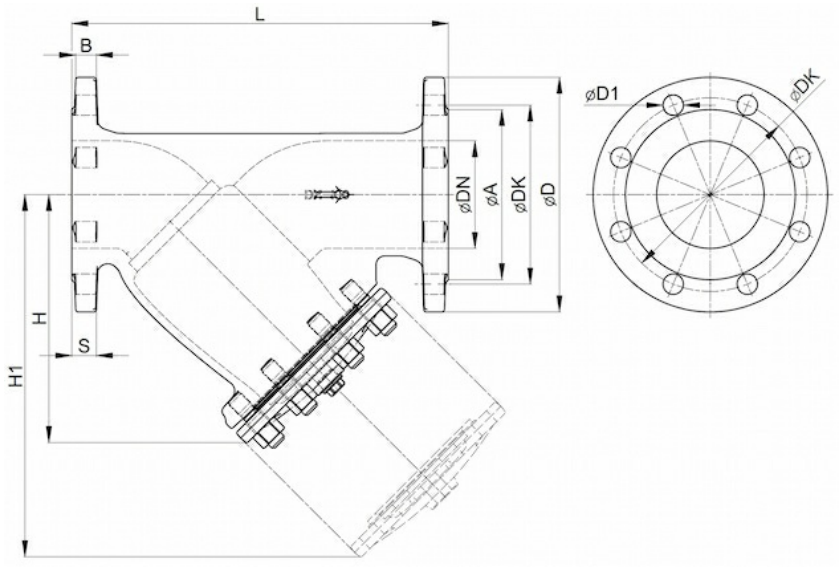
Pressure-temperature table in bar

-10...+120°C	200°C	225°C	250°C	300°C
16	13	12	11,2	9,6

Intermediate values of the maximum operating pressures may be calculated by linear interpolation between the nearest lower and higher temperature values.

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Dimensions



DN [mm]	A	B	D	DK	D1	H	H1	L	N	S	Mesh size [mm]	Weight [approx. kg]	Kv value [m³/h]	Type
15	45	12	95	65	14	75	115	130	4	14	0,6	2,4	5,6	ST005-15
20	58	14	105	75	14	75	115	150	4	16	0,6	3,3	10,7	ST005-20
25	68	14	115	85	14	90	135	160	4	16	0,8	3,8	17,6	ST005-25
32	78	14	140	100	18	90	135	180	4	16	0,8	5,0	29,1	ST005-32
40	88	15	150	110	18	110	170	200	4	18	0,8	6,5	46,1	ST005-40
50	102	17	165	125	18	140	210	230	4	20	0,8	9,6	71,6	ST005-50
65	122	17	185	145	18	160	240	290	4	20	0,8	12,5	119,5	ST005-65
80	138	19	200	160	18	190	320	310	8	22	1,2	18,0	173,5	ST005-80
100	158	21	220	180	18	240	360	350	8	24	1,2	25,0	217,5	ST005-100
125	188	23	250	210	18	275	425	400	8	26	1,2	39,0	364,4	ST005-125
150	212	23	285	240	22	310	485	480	8	26	1,2	61,0	537,0	ST005-150
200	268	27	340	295	22	440	660	600	12	30	1,2	109,0	820,0	ST005-200
250	320	29	405	355	26	470	680	730	12	32	1,2	162,0	1260,0	ST005-250
300	378	34	460	410	26	560	820	850	12	38	1,2	280,0	1735,0	ST005-300

Illustrations non-binding
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