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Strainer stainless steel
Series ST007



Design type	strainer with integrated mesh filter, Mesh size see table
Connection	Flanges DN15...DN250 according to EN1092-1, PN40
Materials	Housing Stainless steel 1.4408, Filter insert Stainless steel 1.4401, Cover seal Graphite
Medium temperature	-60...+300°C
Operating pressure	Nominal pressure according to the pressure-temperature table
Mounting type	Installation in rigid piping system
Mounting position	horizontal
Application range	gaseous and liquid media that do not attack the materials used
Special version	Fine mesh filter with Mesh size 0,25mm

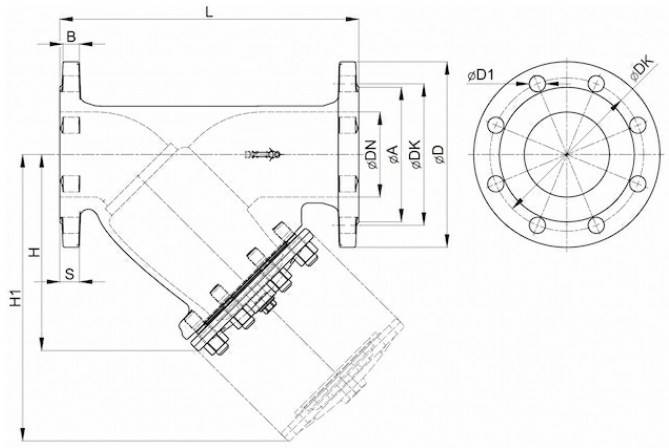
Pressure-temperature table in bar

-60...50°C	100°C	200°C	300°C
40	32	25	21

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

+43 512 52076
austria@stasto.eu
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Dimensions



DN [mm]	A	B	D	DK	D1	H	H1	L	N	S	Mesh size [mm]	Weight [approx. kg]	Type
15	45	16	95	65	14	70	89	130	4	18	0,6	2,5	ST007-15
20	58	18	105	75	14	78	110	150	4	20	0,6	4,0	ST007-20
25	68	18	115	85	14	85	115	160	4	20	0,8	4,5	ST007-25
32	78	18	140	100	18	100	135	180	4	20	0,8	6,5	ST007-32
40	88	18	150	110	18	125	170	200	4	21	0,8	8,5	ST007-40
50	102	20	165	125	18	135	190	230	4	23	0,8	11,0	ST007-50
65	122	22	185	145	18	170	235	290	8	25	0,8	15,5	ST007-65
80	138	24	200	160	18	190	280	310	8	27	1,2	21,0	ST007-80
100	162	24	235	190	22	230	320	350	8	27	1,2	31,0	ST007-100
125	188	26	270	220	26	280	410	400	8	29	1,2	45	ST007-125
150	218	28	300	250	26	340	480	480	8	31	1,2	67	ST007-150
200	285	30	375	320	30	430	600	600	12	33	1,2	134,5	ST007-200
250	345	35	450	385	33	495	720	730	12	38	1,2	210,0	ST007-250

Illustrations non-binding
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