

Technical Data Sheet

Bridge slotted screen (stainless steel)

Product description:

Stainless steel bridge slotted screens according to DIN 4922 are extremely robust and withstand impact and knocks without impairments to functional capabilities.

Product properties:

- Material: Stainless steel (1.4301, 1.4541, 1.4571) pickled and passivated
- Construction lengths: 1-6 m
- Connection type:
 - Round thread: DN 100 to DN 500
 - Flange: DN 600 and DN 800
 - ZSM (tight-fitting push-in sleeve): DN 100 to DN 500
- Slotted bridge opening: 1.0-2.5 mm



Advantages:

- Robustness
- strength and toughness

Technical data:

Versions

Nominal width DN [mm]	Connection	Screen/reinforced wall thickness [mm]	Exterior Ø [mm]
100	RG/ZSM	3.0/3.2	114.3
125	RG/ZSM	3.0/3.6	139.7
150	RG/ZSM	3.0/4.0	168.3
200	RG/ZSM	3.0/4.5	219.1
250	RG/ZSM	4.0/4.0	256
300	RG/ZSM	4.0/4.0	306
350	RG/ZSM	4.0/4.0	356
400	RG/ZSM	5.0/5.0	403
500	RG/ZSM	6.0/6.0	504
600	Flange	6.0/6.0	612
800	Flange	6.0/6.0	804

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Physical properties

Nominal width DN [mm]	Free inlet surface % with passage h = 2.5 mm	Filter pipe load-bearing capacity [kN]	Crit. outer pressure of solid-wall pipes [N/mm ²]	Load-bearing capacity of solid-wall pipes [kN]
100	23	66	4.4	100
125	23	91	3.7	138
150	23	122	3.1	185
200	16	180	2.3	270
250	16	188	1.3	285
300	16	225	0.9	340
350	16	260	0.7	400
400	14	370	0.8	570
500	13	555	0.7	845
600	13	380	0.5	450
800	13	420	0.3	560

Weights [kg]:

Round thread/flange

Nominal width DN [mm]	1.0 m	1.5 m	2.0 m	2.5 m	3.0 m	4.0 m	5.0 m	6.0 m
100	13	17	22	26	30	38	47	55
125	16	21	26	31	36	47	57	67
150	20	26	32	39	45	57	70	82
200	30	41	51	62	73	95	116	138
250	35	48	60	73	86	111	136	162
300	46	61	77	92	107	137	168	198
350	52	79	88	106	123	159	194	229
400	69	94	119	144	169	219	269	319
500	100	137	175	212	250	325	400	475
600 (flange)	115	160	206	252	297	389	480	571
800 (flange)	162	223	284	345	406	528	650	772

ZSM

Nominal width DN [mm]	1.0 m	1.5 m	2.0 m	2.5 m	3.0 m	4.0 m	5.0 m	6.0 m
100	13	17	22	27	32	41	51	69
125	17	23	30	36	43	56	69	82
150	24	33	41	49	57	74	91	112
200	35	47	59	71	83	108	132	156
250	37	50	63	75	88	113	139	164
300	47	62	77	92	108	138	168	199
350	55	73	91	108	126	162	197	232
400	70	95	120	126	170	220	270	320
500	110	147	185	170	260	335	410	485