

T-Strainer

Dirt Strainer

Large suspended particles and fibrous contamination can disturb the measurement behavior of a bulk water meter and possibly damage the measuring insert.

The dirt filter can filter particles up to 4 or 5 mm out of the water and reliably protects the following measuring device.

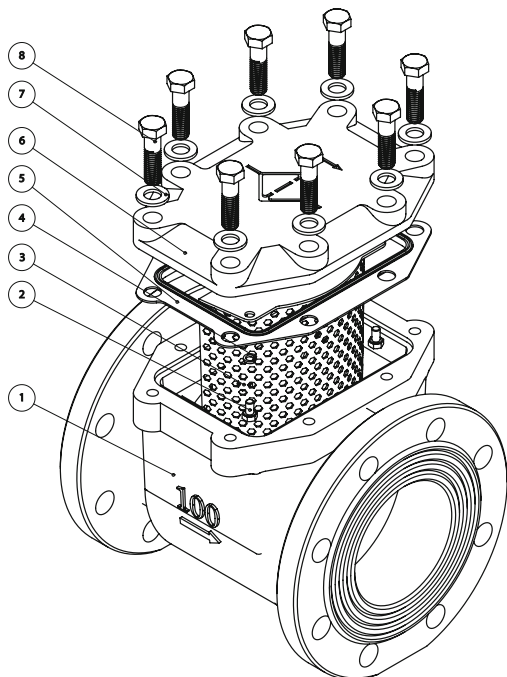


Performance characteristics at a glance

- No contamination of the piping by particles
- To protect against contamination and damage to a following water meter
- Easy maintaining through removable insert
- Operating pressure max. 16 bar

Applications

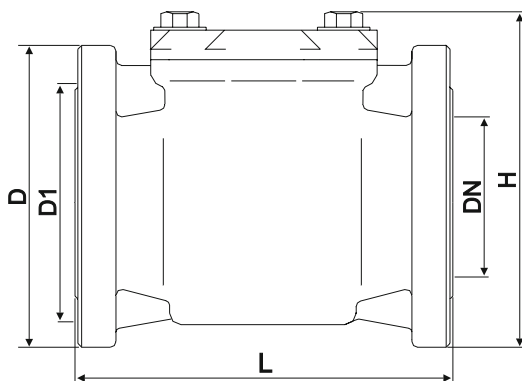
- For pre-filtering of cold water and hot water up to 130° C



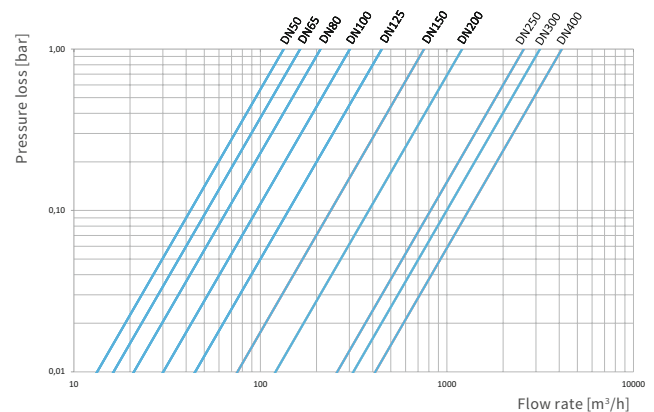
No.	Designation	Material
1	Body/housing	Nodular cast iron
2	Screw	Stainless Steel
3	Strainer	Stainless Steel
4	Washer	Stainless Steel
5	Seals	Rubber (EPDM)
6	Sealing cover w.Flange	Nodular cast iron
7	Washer	Stainless Steel
8	Screw M12x35	Stainless Steel

Technical data sheet T-Strainer

Technical data													
Nominal diameter	DN	mm	50	65	80	100	125	150	200	200	250	300	400
Operating pressure, max.	MAP	bar	16	16	16	16	16	16	10	16	16	16	16
Operating temperature max.	---	°C	130	130	130	130	130	130	130	130	130	130	130
Pressure loss at Q ₃	Δp	bar	0,10	0,10	0,10	0,16	0,10	0,16	0,10	0,16	0,10	0,16	0,16
Weight and dimensions:													
Overall length	L	mm	200	200	225	250	250	300	350	350	450	744	898
Height	H	mm	179	188	206	233	248	277,5	372	372	426	656	807
Flange diameter	D	mm	165	185	200	220	250	285	340	340	405	460	580
Bolt circle diameter	D1	mm	125	145	160	180	210	240	295	295	355	410	525
Number of bolts	---	pcs	4	4	8	8	8	8	8	12	12	12	16
Screw size	---	mm	M16	M16	M16	M16	M16	M20	M20	M20	M20	M24	M27
Bolt diameter	---	mm	19	19	19	19	19	23	23	23	28	28	32
Mesh size of Filter	---	mm	4	4	5	5	5	5	5	5	5	5	5
Weight approx.	---	kg	10,6	9,8	12	14,1	26,1	27,4	49,8	49,8	94	153	276



Dimensions



Pressure loss curve

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