

STRAINERS



STRAINER – DN 50-600

Strainer for heating and cooling systems. Available in pressure class PN 16 and 25.

STR 1020

ADDITIONAL PRODUCTS

TECHNICAL DESCRIPTION

Applications:

Heating and cooling systems.

Function:

Water filtration

Pressure class:

PN 16 and 25.

Dimensions:

DN 50-600

Temperature:

Max. working temperature: 120°C

Min. working temperature: -10°C

Free flow area:

DN 50-80: 33%

DN 100-600: 40%

Material:

Body: Ductile iron EN-JS1050

Cover: Ductile iron EN-JS1050

Screen: Stainless steel BS970 304S15

Gasket: Teflon/Graphite

Plug: Ductile iron EN-JS1050

Surface treatment:

FBE (fusion bonded epoxy) coated, dark grey.

Marking:

TA-SC, CE, PN, DN and flow direction arrow.

Flanges:

According to EN 1092-2

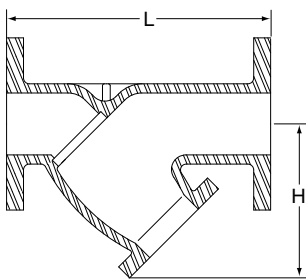
Screen diameter:

DN 50-80: 1,5 mm

DN 100-600: 3,0 mm

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ADDITIONAL PRODUCTS



PN 16

TA No	DN	L	H	Plug	Kg	Kvs
77 102-050	50	230	146	1/2"	10	63
77 102-065	65	273	174	1"	14	97
77 102-080	80	295	198	1"	17	140
77 102-090	100	352	232	1"	32	240
77 102-091	125	416	285	1 1/4"	48	340
77 102-092	150	470	305	1 1/2"	63	390
77 102-093	200	543	401	1 1/2"	108	810
77 102-094	250	660	473	2"	175	1400
77 102-095	300	770	554	2"	253	2000
77 102-096	350	960	740	2"	458	3000
77 102-097	400	1079	840	2"	556	4100
77 102-098	450	1168	910	2"	627	5400
77 102-099	500	1275	968	2"	780	7200
77 102-001	600	1450	1160	2"	1080	8400

PN 25

TA No	DN	L	H	Plug	Kg	Kvs
77 102-150	50	230	146	1/2"	10	63
77 102-165	65	273	174	1"	14	97
77 102-180	80	295	198	1"	17	140
77 102-190	100	352	232	1"	32	240
77 102-191	125	416	285	1 1/4"	48	340
77 102-192	150	470	305	1 1/2"	63	390
77 102-193	200	543	401	1 1/2"	108	810
77 102-194	250	660	473	2"	175	1400
77 102-195	300	770	554	2"	253	2000
77 102-196	350	960	740	2"	458	3000
77 102-197	400	1079	840	2"	556	4100
77 102-198	450	1168	910	2"	627	5400
77 102-199	500	1275	968	2"	780	7200
77 102-101	600	1450	1160	2"	1080	8400

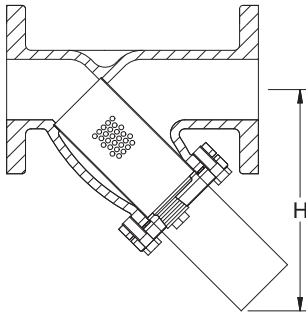
Kvs = m³/h at a pressure drop of 1 bar and fully open valve.

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ADDITIONAL PRODUCTS

INSTALLATION

When installation of the strainer make sure the free space for the strainer basket is according to table below.



DN	H
50	190
65	233
80	263
100	334
125	402
150	430
200	578
250	693
300	762
350	1125
400	1223
450	1426
500	1480
600	1830

Tour & Andersson retains the right to make changes to its products and specifications without prior notice.

16-5-10 STR 1020 2008.06

TA-SC®