

TA-STR F



Strainers
DN 50-600

Engineering
GREAT Solutions

TA-STR F

Strainer for heating and cooling systems. Available with flanges or grooved ends.



Technical description

Applications:

Heating and cooling systems
Tap water systems

Functions:

Filtration

Dimensions:

DN 50-600

Pressure class:

PN 16 and PN 25

Temperature:

Max. working temperature: 120°C
Min. working temperature:
Flanged: PN16: -10°C, PN25: -20°C
Grooved: PN16: -20°C

Media:

Water and neutral fluids, water-glycol mixtures.

Material:

Grooved:

Body Ductile Iron EN-JS 1050
Cover Ductile Iron EN-JS 1050
Screen Stainless Steel BS970 304S15
Gasket EPDM/Graphite Commercial
Plug Ductile Iron EN-JS 1050

Flanged:

Body Cast Iron EN-JL 1040
Cover Cast Iron EN-JL 1040
Body Ductile Iron EN-JS 1050 (PN25)
Cover Ductile Iron EN-JS 1050 (PN25)
Screen Stainless Steel BS970 304S15
Gasket EPDM Commercial
Plug Cast Iron EN-JL 1040
Plug Ductile Iron EN-JS 1050 (PN25)

Colour:

Blue RAL5015

Marking:

IMI, PN, DN, and flow direction arrow.

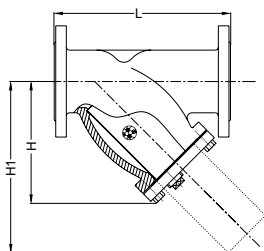
Connections:

Flanged: According to EN 1092-2
Grooved ends: According to ISO 4200

No of bolt holes

DN	PN 16	PN 25
50	4	4
65	4	8
80	8	8
100	8	8
125	8	8
150	8	8
200	12	12
250	12	12
300	12	16
350	16	16
400	16	16
450	20	20
500	20	20
600	20	20

Articles - Flanged



PN 16

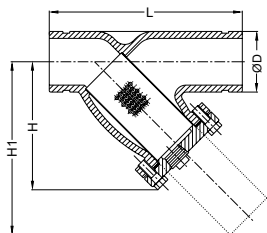
DN	L	H	H1	Plug	kg	Kvs	EAN	Article No
50	230	146	190	1/2	10	60	5902276802058	43250-036250
65	273	174	233	1	26	100	5902276802065	43250-036265
80	295	198	263	1	23,5	150	5902276802072	43250-036280
100	352	232	334	1	34	230	5902276802089	43250-036290
125	416	285	402	1 - 1 1/4	52	330	5902276802096	43250-036291
150	470	305	430	1 - 1 1/2	70	400	5902276802102	43250-036292
200	543	401	578	1 - 1 1/2	110	650	5902276802119	43250-036293
250	660	473	693	2	185	1200	5902276802126	43250-036294
300	770	554	762	2	295	1900	5902276802133	43250-036295
350	960	755	1125	2	458	2745	5902276802140	43250-036296
400	1079	840	1223	2	556	3320	5902276802157	43250-036297
450	1168	910	1426	2	627	3940	5902276802164	43250-036298
500	1275	968	1480	2	780	6855	5902276802171	43250-036299
600	1450	1160	1830	2	1080	8570	5902276802041	43250-036200

PN 25

DN	L	H	H1	Plug	kg	Kvs	EAN	Article No
50	230	146	190	1/2	10	60	5902276801914	43250-026350
65	273	174	233	1	26	100	5902276801921	43250-026365
80	295	198	263	1	23,5	150	5902276801938	43250-026380
100	352	232	334	1	34	230	5902276801945	43250-026390
125	416	285	402	1 - 1 1/4	52	330	5902276801952	43250-026391
150	470	305	430	1 - 1 1/2	70	400	5902276801969	43250-026392
200	543	401	578	1 - 1 1/2	110	650	5902276801976	43250-026393
250	660	473	693	2	185	1200	5902276801983	43250-026394
300	770	554	762	2	295	1900	5902276801990	43250-026395
350	960	755	1125	2	458	2745	5902276802003	43250-026396
400	1079	840	1223	2	556	3320	5902276802010	43250-026397
450	1168	910	1426	2	627	3940	5902276802027	43250-026398
500	1275	968	1480	2	780	6855	5902276802034	43250-026399
600	1450	1160	1830	2	1080	8577	5902276801907	43250-026300

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

Articles - Grooved ends



PN 16

DN	ØD	L	H	H1	Plug	kg	Kvs	EAN	Article No
50	60,3	225	190	190	1/2	7	60	5902276802188	43250-029250
65 ¹⁾	73,1	285	225	233	1	10,7	100	5902276802782	43250-025265
65	76,1	285	225	233	1	10,7	100	5902276802195	43250-029265
80	88,9	318	230	263	1	13,4	150	5902276802201	43250-029280
100	114,3	375	270	334	1	21	230	5902276802218	43250-029290
125	139,7	448	340	402	1 - 1 1/4	35,6	330	5902276802225	43250-029291
125 ¹⁾	141,3	448	340	402	1 - 1 1/4	35,6	330	5902276802799	43250-025291
150	168,3	502	380	430	1 - 1 1/2	54,2	400	5902276802232	43250-029292
200	219,1	640	482	578	1 - 1 1/2	100	650	5902276802249	43250-029293
250	273	710	560	693	2	141	1200	5902276802256	43250-029294
300	323,9	779	632	762	2	233	1900	5902276802263	43250-029295

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

1) Not conforming to ISO 4200.

Standard Screens

DN	Hole diameter	Free flow area
50-80	1,5 mm	33 %
100-600	3 mm	40 %