

TA-STR F



Strainers

Strainers DN 50-600

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: -10°C

Media:

Water and neutral fluids, water-glycol mixtures.

Material:

Grooved:

Body: Ductile iron EN-GJS-400-10
Cover: Ductile iron EN-GJS-400-10
Screen: Stainless steel BS970 304S15
Gasket: EPDM/Graphite Commercial
Plug: Cast iron EN-GJS-250

Flanged:

Body: Ductile iron EN-GJS-400-10
Cover: Ductile iron EN-GJS-400-10
Screen: Stainless steel BS970 304S15
Gasket: EPDM Commercial
Plug: Cast iron EN-GJS-250

Colour:

Blue RAL 5015

Surface treatment:

Internally and externally liquid epoxy painted or fusion bonded epoxy powder coated (FBE).
Fusion bonded epoxy coating 150 - 300 microns.

Marking:

IMI, PN, DN, and flow direction arrow.

Approvals:

WRAS

Connections:

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

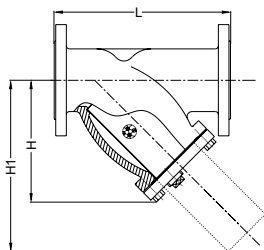
No of bolt holes

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

Standard screens

DN	Hole diameter	Free flow area
50-80	1,5 mm	26 %
100-600	3 mm	40 %

Articles - Flanged



PN 16

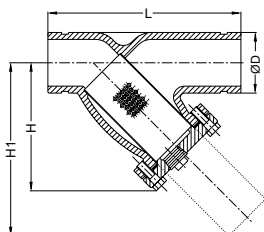
DN	L	H	H1	Plug	kg	Kvs	EAN	Article No
50	230	176	250	1/2"	10	60	5902276802058	43250-036250
65	273	202	290	1"	26	100	5902276802065	43250-036265
80	295	220	310	1"	24	150	5902276802072	43250-036280
100	352	256	380	1"	34	230	5902276802089	43250-036290
125	416	332	490	1 1/4"	52	330	5902276802096	43250-036291
150	470	370	550	1 1/2"	70	400	5902276802102	43250-036292
200	543	465	815	1 1/2"	110	650	5902276802119	43250-036293
250	660	532	805	2"	185	1200	5902276802126	43250-036294
300	770	616	915	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"	24	150	5902276801938	43250-026380
100	352	232	334	1"	34	230	5902276801945	43250-026390
125	416	285	402	1 1/4"	52	330	5902276801952	43250-026391
150	470	305	430	1 1/2"	70	400	5902276801969	43250-026392
200	543	401	578	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	176	250	1/2"	5	60	5902276802188	43250-029250
65 ¹⁾	73,1	285	202	290	1"	8	100	5902276802782	43250-025265
65	76,1	285	202	290	1"	8	100	5902276802195	43250-029265
80	88,9	318	220	310	1"	10	150	5902276802201	43250-029280
100	114,3	375	256	380	1"	15	230	5902276802218	43250-029290
125	139,7	448	332	490	1 1/4"	27	330	5902276802225	43250-029291
125 ¹⁾	141,3	448	332	490	1 1/4"	27	330	5902276802799	43250-025291
150	168,3	502	370	550	1 1/2"	37	400	5902276802232	43250-029292
200	219,1	640	465	815	1 1/2"	68	650	5902276802249	43250-029293
250	273	710	532	805	2"	106	1200	5902276802256	43250-029294
300	323,9	779	616	915	2"	148	1900	5902276802263	43250-029295

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

1) Not conforming to ISO 4200.

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