STRAINER ST SERIES

The ST Series strainer is convenience design used in applications where the flow can be caught the unwanted solids from fluids by basket screen. The material consist of SS304, SS316 and Cast Iron as well as Carbon Steel upon request. The body of ST Series was made by cast material.

Standard Design Features

- In line connections
- Compact, light weight fabricated vessels
- Large capacity basket
- Heavy duty basket disign- long life
- Basket material of SS316, SS304
- Screen mesh lined baskets from 20 to 200
- All strainers are in hydraulics tested to 1.5 times of flange pressure rating (max. pressure limited)
- Flange rating: Cast Iron for 10K and ANSI 150# only



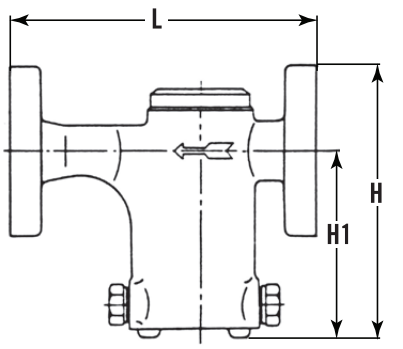
Model: STH
(Clamp Fixed Cover Type)



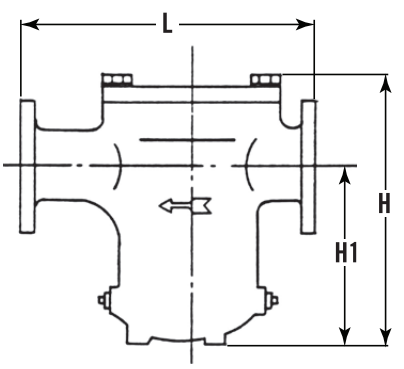
Model: ST
(Standard Type)

Dimensions-mm

Diameter (mm)	Flange rating	Dimension (mm)			Approximate Weight (KG)
		L	H	H1	
15	JIS 10 kgf/cm²FF	185	155	100	4.5
	JIS 20 kgf/cm²FF	200	155		
	ANSI 150# RF	185	155		
	ANSI 300# RF	200	155		
20	JIS 10 kgf/cm²FF	185	155	100	4.5
	JIS 20 kgf/cm²FF	200	155		
	ANSI 150# RF	185	155		
	ANSI 300# RF	200	155		
25	JIS 10 kgf/cm²FF	235	220	150	12
	JIS 20 kgf/cm²FF	250	220		
	ANSI 150# RF	235	220		
	ANSI 300# RF	250	220		
40	JIS 10 kgf/cm²FF	290	260	160	16
	JIS 20 kgf/cm²FF	310	260		
	ANSI 150# RF	290	260		
	ANSI 300# RF	310	260		
50	JIS 10 kgf/cm²FF	325	275	175	25
	JIS 20 kgf/cm²FF	345	275		
	ANSI 150# RF	325	275		
	ANSI 300# RF	345	275		
80	JIS 10 kgf/cm²FF	390	360	250	37
	JIS 20 kgf/cm²FF	410	360		
	ANSI 150# RF	390	360		
	ANSI 300# RF	410	360		
100	JIS 10 kgf/cm²FF	425	380	250	60
	JIS 20 kgf/cm²FF	450	380		
	ANSI 150# RF	425	380		
	ANSI 300# RF	450	380		
125	JIS 10 kgf/cm²FF	475	430	300	75
	JIS 20 kgf/cm²FF	500	430		
	ANSI 150# RF	475	430		
	ANSI 300# RF	500	430		
150	JIS 10 kgf/cm²FF	475	500	400	90
	JIS 20 kgf/cm²FF	500	500		
	ANSI 150# RF	475	500		
	ANSI 300# RF	500	500		
200	ANSI 150# RF	640	700	510	–
	ANSI 300# RF	660	700		
250	ANSI 150# RF	780	900	660	–
	ANSI 300# RF				

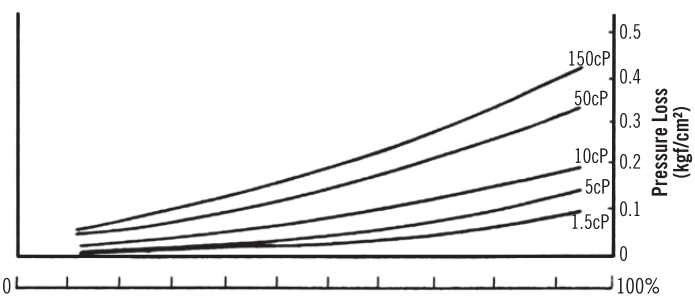


ST1-Standard type
Size 15~20mm



ST2-Standard type
Size 25~250mm

Pressure Low Characteristics



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Ratio of Free Screen Area to Pipe Area

Size \ Screen Mesh	20 mesh	40 mesh	60 mesh	80 mesh	100 mesh	120 mesh	200 mesh
½"	18.2	18.6	15.7	13.3	12.6	13.43	11.78
¾"	7.7	7.9	6.7	5.7	5.3	5.7	5
1"	9.9	10.1	8.5	7.2	6.8	7.27	6.38
1½"	6.2	6.3	5.3	4.5	4.3	4.56	4
2"	5.5	5.6	4.7	4	3.8	4.05	3.55
2½"	4.1	4.2	3.5	3	2.8	3	2.63
3"	4.2	4.3	3.6	3.1	2.9	3.11	2.73
4"	2.8	2.8	2.4	2	1.9	2.05	1.8
5"	3	3.1	2.6	2.2	2.1	2.21	1.94
6"	2.8	2.9	2.4	2.1	1.95	2.08	1.83
8"	2	2.1	1.8	1.5	1.41	1.5	1.32
10"	2.1	2.2	1.8	1.5	1.46	1.55	1.36

Ordering Information

Code	Model
ST	Nut fixed cover type, standard
STH	Clamp fixed cover type

Code	Connection Size
	(1) 15 **(2)** 20 **(3)** 25 **(4)** 40 **(5)** 50 **(6)** 80 **(7)** 100 **(8)** 125 **(9)** 150 **(10)** 200 **(11)** 250

Code	Connection Type
	(F) Flange **(O)** option

Code	Flange Rating
	(A) JIS 10K (only Cast Iron) **(B)** JIS 20K **(C)** ANSI 150# (only Cast Iron) **(D)** ANSI 300# **(O)** option

Code	Body material
	(1) Cast Iton **(2)** Steel **(3)** SS304 **(4)** SS316 **(5)** option

Code	Screen Material
	(1) SS304 **(2)** SS316

Code	Meshes of Screen
	(A) 20 **(B)** 40 **(C)** 60 **(D)** 80 **(E)** 100 **(F)** 120 **(G)** 150 **(H)** 200

							Complete Ordering Code

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