OVAL

SMALL SIZE STRAINERS

Nominal size : 10, 20mm

GENERAL SPECIFICATION

GS.No.GCB001E–9

■ GENERAL

To prevent potential damage to the flowmeter with foreign solids suspended in the fluid being metered, it is usually necessary to provide a strainer immediately upstream of the meter.

A range of standardized strainers designed for small size meter are available for individual applications.

Bucket Type

Y Type (JIS 20K)

Y Type (JIS 30K)

■ FEATURES

1. Simple design and easy to servi
2. Small pressure lo
3. Sturdy and long li
4. Bucket type is usable with vertical pipin

■ GENERAL SPECIFICATIONS

1. Applicable fluid : Depend on the type of fluid acceptable by the flow meter used.
2. Body material : SCS14A(stainless steel castings), SCS1
3. Screen material : SUS316(stainless steel), SUS31
4. Specification

Nom. size mm (inch)	Model	Flange rating	Max. operating Press. MPa	St'd screen mesh	L [mm]	H [mm]	Ratio of open area to pipe area	Approx. Weight. [kg]	Applicable OVAL flowmeter model
10 (3/8) ※1	SR011C031	JIS 10K RF/FF	1.18	200	180	152	9.6	5.0	39, 41, 45
		ASME/JPI150 RF	1.37		178			4.2	
	SR013C032	JIS 20K RF	1.96		184	100			
		ASME/JPI150 RF	1.51		178				
	SR013C033	JIS 30K RF	2.94		188	126			
		ASME/JPI300 RF			185				
20 (3/4)	SR021C031	JIS 10K RF/FF	1.18	200	180	152	2.4	5.0	50
		ASME/JPI150 RF	1.37		177			5.3	
	SR023C032	JIS 20K RF	1.96		184	100			
		ASME/JPI150 RF	1.51		177				
	SR023C033	JIS 30K RF	2.94		192	126			
		ASME/JPI300 RF			188				

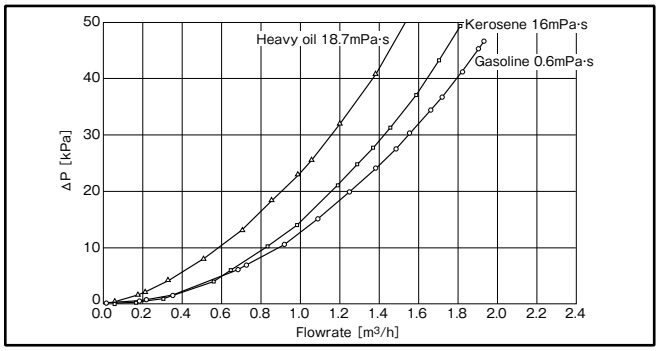
※1.The dimensions of ASME/JPI flange are the same as those of ASME/JPI 1/2-inch flange.

Reference temperature :120˚C

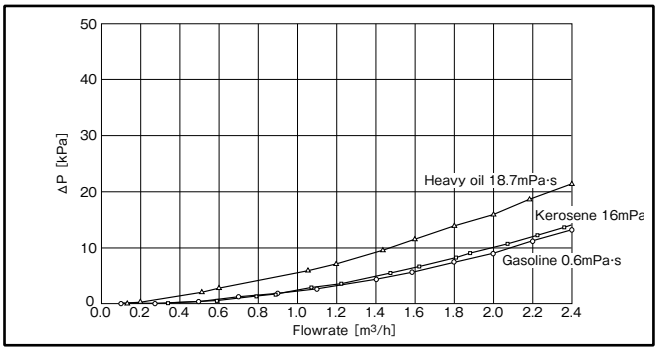
(Note). For the product complying with regulations such as High Pressure Gas Safety Act, Y type with 30K rating is adopted.

■ PRESSURE LOSS

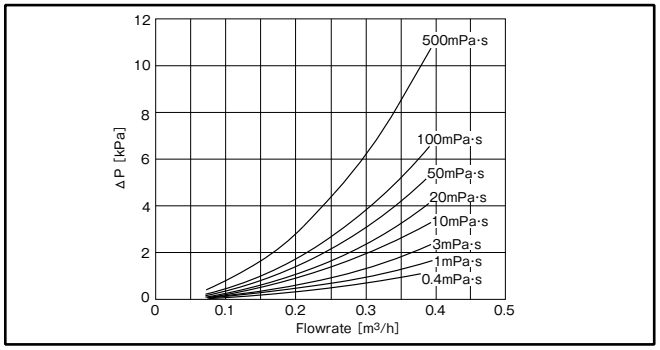
● Bucket type (10mm)



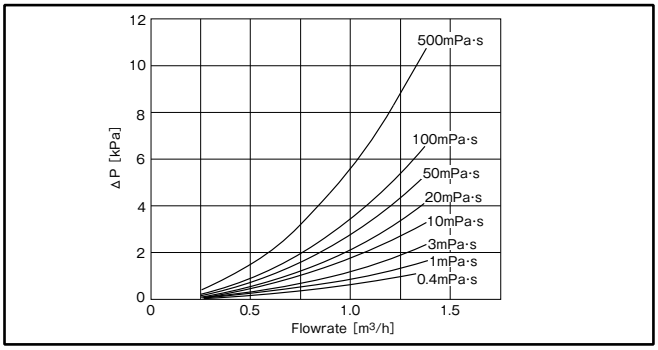
● Bucket type (20mm)



● Y type (10mm)



● Y type (20mm)



■ MODEL CODE NUMBER

SR□□□□0□□

- Strainer
- Nominal size
  - 01 : 10mm
  - 02 : 20mm
- Style
  - 1 : Bucket type
  - 3 : Y type
- Body material
  - C : SCS14A
  - E : SCS16A〔Special〕
- Pressure rating
  - 1 : 10K
  - 2 : 20K
  - 3 : 30K
- Screen material
  - 3 : SUS316
  - 6 : SUS316L
  - 9 : Special
- Always "0"

■ WHEN YOU INQUIRE, PLEASE SUPPLY THE FOLLOWING INFORMATION:

1.	Application	☐ Acceptance ☐ Shipping ☐ Process Control ☐ Others ( )	8.	Max. Operating Temperature	_____ ˚C
2.	Applicable Liquid	_____	9.	Max. Operating Pressure	_____ MPa
3.	Applicable Meter Size	_____	10.	Fluid Viscosity	mPa•s
4.	Nominal Size	_____ mm	11.	Physical and/or Chemical Properties and Quantities of Foreign Solids Contained	
5.	Flange Rating	JIS_____K RF, FF JPI_____RF ASME_____RF	12.	Description of Location for Installation	(layout with pump, air eliminator flowmeter, valves, etc.)
6.	Materials	Body_____ Strainer Screen_____	13.	Quantity Desired	_____ Units
7.	Strainer Net Mesh	_____Mesh	14.	Accessories desired	

The specification as of May, 2015 is stated in this GS Sheet. Specifications and design are subject to change without notice.

Sales Representative:

OVAL

Medium size STRAINERS

Nominal size : 25 to 200mm

GENERAL SPECIFICATION

GS.No.GCB002E–19

■ GENERAL

To prevent potential damage to the flowmeter by foreign solids suspended in the fluid being metered, it is usually necessary to provide a strainer immediately upstream of the meter.
A range of standardized strainers is available for individual size meters.

■ FEATURES

1. Simple design and ease of maintenance
2. Low pressure loss.
3. Rugged design for long life.

■ SELECTION GUIDE

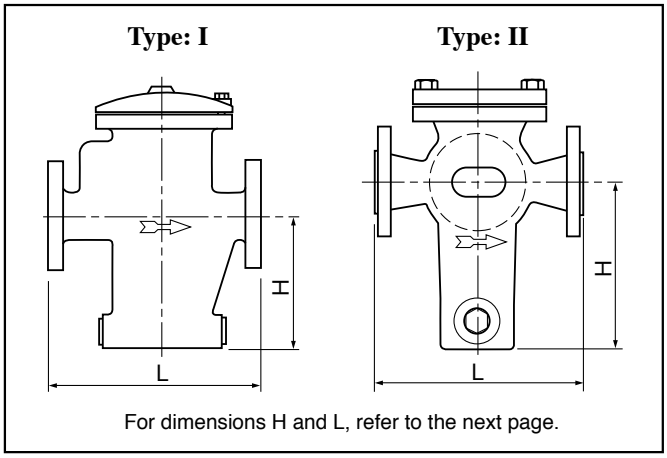
Select a strainer that best suits your particular application by taking into consideration the following:

1. Capacity Code 1 (see Model Code Number below):
   Suggested for light oils or low viscosity liquids below 10 mPa·s
2. Capacity Code 2:
   Suggested for heavy oils or high viscosity liquids. "Capacity Code 2" strainers are also recommended for applications where fluids are handled at large flow rates, particularly where a high foreign matter content is expected.
3. Choose a particular strainer with which the pressure loss on the inlet side is normally maintained below 50 kPa at the maximum flow rate by referring to the pressure loss curves shown on page 4.
   NOTE: The maximum permissible differential pressure across the strainer is 100kPa
4. Always maintain a stock of replacement strainer screens. Standard mesh available for our strainers are shown in tables elsewhere.
   When ordering extra or replacement strainer screens, please specify the strainer type, mesh number and the quantity desired.

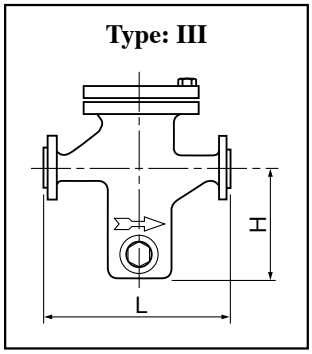
● Finish: Munsell 2.5G 8/2 (Std.)
In case of SCS14A or SCS16A for body material painting is not applied.

Type: I

Type: II



For dimensions H and L, refer to the next page.



■ MODEL CODE NUMBER

S R □□ □ □ □ □ □ □

Strainer

Nominal Size

Strainer Style
1 : Standard Type
5 : Thermometer Well Insection Type
8 : Sphere Type

Body Material
B : FC250
C : SCS14A
E : SCS16A
F : SCPH2
Z : Others

Pressure Rating (JIS)
1 : 10K
2 : 20K
3 : 30K
6 : 63K
9 : Others

Screen Material
3 : SUS316
4 : SUS304
5 : SUS304 Reinforced
6 : SUS316L
9 : Others

Capacity
0 : Only one bore size is available.
1 : Body capacity is small for the same bore.
2 : Body capacity is large for the same bore.

■ PRESSURE RATINGS, MATERIALS AND CONNECTING FLANGE RATINGS (Based on JIS)

Pressure Ratings	Body Materials	Connecting Flange Rating	Max. Operating Pressure*
10K	SCS14A	JIS 10K FF/RF	0.98MPa
		ASME/JPI 150 RF	1.37MPa
	FC250	JIS 10K FF/RF	0.98MPa
		ASME/JPI 150 RF	0.98MPa
20K	SCS14A	JIS 20K RF	1.96MPa
		ASME/JPI 150 RF	1.50MPa
30K	SCPH2	JIS 30K RF	4.51MPa
		ASME/JPI 300 RF	4.59MPa
63K	SCPH2	JIS 63K RF	9.51MPa
		ASME/JPI 600 RF	9.19MPa

✻ Reference Temperature: 120˚C

■ GENERAL SPECIFICATIONS

For the strainer-flowmeter combination (✻) shown in this table, nominal size is used as standard.
When selecting materials, be sure to make the pressure loss (ΔP) is less than 30 kPa.

(1) CAPACITY Code: 0

Nominal Size		Max. Operating Pressure MPa	Body Material	Model		Style	Mesh	Applicable OVAL Flowmeter Size(✻)	Flange-to-Flange Dim. L. mm	Center Height H, mm	Approx. Weight kg
				Screen Material							
mm	inch			SUS304	SUS316						
25	1	0.98	FC250	SR031B041	SR031B031	Ⅰ	100	52, 53	230	165	14
		1.18	SCS14A	—	SR031C031				230	165	16
		1.18	SCS14A	—	SR038C031	Ⅱ			230	209	17
		1.96	SCS14A	—	SR038C032				234	209	18.5
		4.51	SCPH2	SR031F043	SR031F033				280	213	25.5
		9.51	SCPH2	SR031F046	SR031F036	Ⅲ			350	228	50
40	1 1/2	0.98	FC250	SR041B041	SR041B031	Ⅰ	60	55 ㊺	230	165	15
		1.18	SCS14A	—	SR041C031				230	165	16
		1.18	SCS14A	—	SR048C031	Ⅱ			230	209	18
		1.96	SCS14A	—	SR048C032				234	209	19
		4.51	SCPH2	SR041F043	SR041F033				280	213	28.5
		9.51	SCPH2	SR041F046	SR041F036	Ⅲ			350	228	60
50	2	0.98	FC250	SR051B041*	SR051B031*	Ⅰ	60	56, 57, ㉘	290	195	24
		1.18	SCS14A	—	SR051C031				290	190	26
		1.18	SCS14A	—	SR058C031	Ⅱ			290	242	29
		1.96	SCS14A	—	SR058C032				294	242	29
		4.51	SCPH2	SR051F043	SR051F033				370	248	37.5
		9.51	SCPH2	SR051F046	SR051F036	Ⅲ			400	256	80
80	3	0.98	FC250	SR081B041△	SR081B031*	Ⅰ	40	28, ㉙	380	265	42
		1.18	SCS14A	—	SR081C031				380	260	45
		1.18	SCS14A	—	SR088C031	Ⅱ			380	327	59
		1.96	SCS14A	—	SR088C032				388	327	61
		4.51	SCPH2	SR081F043*△	SR081F033				450	330	75.5
		9.51	SCPH2	SR081F046△	SR081F036	Ⅲ			500	345	140

(2) CAPACITY Code: 1

Nominal Size		Max. Operating Pressure MPa	Body Material	Model		Style	Mesh	Applicable OVAL Flowmeter Size(✻)	Flange-to-Flange Dim. L. mm	Center Height H, mm	Approx. Weight kg
				Screen Material							
mm	inch			SUS304	SUS316						
100	4	0.98	FC250	SR101B141*△	SR101B131*	Ⅰ	40	㉙, ㊵	395	245	45
		1.18	SCS14A	—	SR101C131				395	245	48
		1.18	SCS14A	—	SR108C131	Ⅱ			395	327	60
		1.96	SCS14A	—	SR108C132				407	327	63
		4.51	SCPH2	SR101F143*△	SR101F133				445	330	80
		9.51	SCPH2	SR101F146△	SR101F136	Ⅲ			540	345	155
150	6	0.98	FC250	SR151B141*△	SR151B131	Ⅰ	40	㉛, ㉜	480	308	84
		1.18	SCS14A	—	SR151C131				480	308	84
		1.18	SCS14A	—	SR158C131	Ⅱ			480	450	93.5
		4.51	SCPH2	SR151F143*△	SR151F133				640	455	175
		9.51	SCPH2	SR151F146△	SR151F136				680	463	270
200	8	0.98	FC250	SR201B141△	SR201B131	Ⅲ	30	32, ㉜	760	535	270
		1.18	SCS14A	—	SR201C131				760	535	220
		1.18	SCS14A	SR208C131△	—	Ⅱ		32, 33	760	533	220

(3) CAPACITY Code: 2

Nominal Size		Max. Operating Pressure MPa	Body Material	Model		Style	Mesh	Applicable OVAL Flowmeter Size (*)	Flange-to-Flange Dim. L. mm	Center Height H, mm	Approx. Weight kg
				Screen Material							
mm	inch			SUS304	SUS316						
100	4	0.98	FC250	SR101B241*△	SR101B231*	I	40	29, 60, ㉛	460	340	75
		1.18	SCS14A	—	SR101C231				460	330	80
		1.18	SCS14A	—	SR108C231	II			460	450	80
		1.96	SCS14A	—	SR108C232				472	450	90
		4.51	SCPH2	SR101F243*△	SR101F233				600	455	142
		9.51	SCPH2	SR101F246△	SR101F236	III			660	448	240
150	6	0.98	FC250	SR151B241*△	SR151B231*	I	40	31	700	535	220
		1.18	SCS14A	—	SR151C231				700	535	240
		1.18	SCS14A	—	SR158C231	II	30	32, ㉝	700	533	210
		4.51	SCPH2	SR151F243*△	SR151F233				780	540	352

NOTES : 1. Marked* : A strainer with a thermometer well insertion port for mechanical temperature compensator is available. Strainer code is "5" in this case. Example: SR055B021 (different flange-to-flange dim.)
2. Marked△ : A reinforced strainer screen is available. Material code is "5" in this case. Example: SR081B051
3. The model in a circle ○ of the "Applicable Oval Flowmeter Size" refers to a service condition where low viscosity liquids are handled.
4. Flange-to-flange dimensions correspond with JIS flange ratings.
5. Install the strainer horizontally. (In case of vertical installation consult factory)

● Net Mesh for UF-II Flowmeter

Model of UF-II Flowmeter	Nominal Size, mm	Mesh
80	80, 100	40
81	100	
82	100, 150	30
83	150, 200	
84	200, 250	

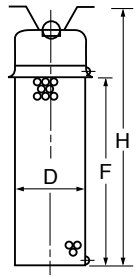
● Net Mesh for EX Turbine

Turbinemeter Nom.Size(mm)	Mesh	
	for Standard Type	for High Viscosity Type
15 to 50	60	—
80 to 00		60
150	40	
200, 250	20	

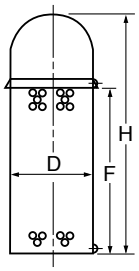
Line velocity thru the strainer must be less than 4 to 5 m/s.

■ STRAINER SCREEN SPECIFICATIONS

for SR03, SR04, SR05



for SR08, SR10, SR15, SR20



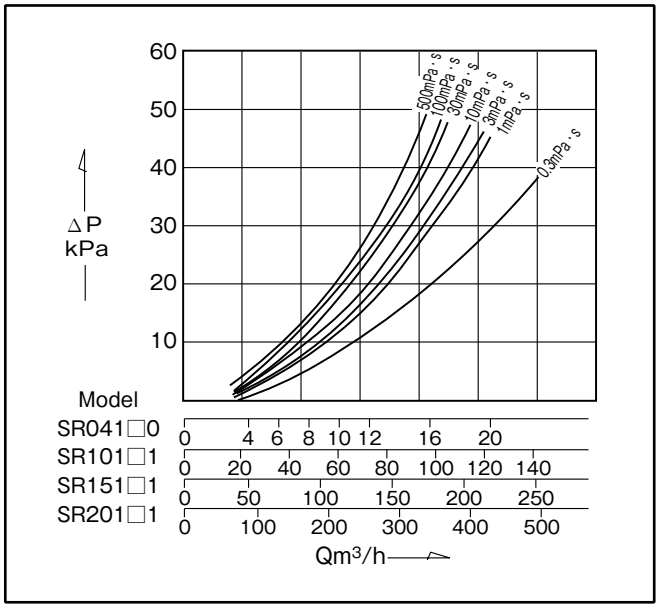
Product Cord	Nominal Size mm	Screen							Mesh	Screening ratio
		Diameter (D) mm	F mm	H mm (*)						
				B1	C1, C2		F3	F6		
SR03 □×0 △○	25	66	183	251	251	282	282	311 ★	100	12.6
SR04 □×0 △○	40	66	183	251	251	282	282	311 ★	60	5.1
SR05 □×0 △○	50	90	208	305	305	334	334	334	60	5.3
SR08 □×0 △○	80	135	276	399	399	478	478	478	40	4.2
SR10 □×1 △○	100	135	276	399	399	478	478	478	40	2.7
SR10 □×2 △○	100	170	383	572	572	648	648	648	40	4.6
SR15 □×1 △○	150	170	383	572	533	648	648	648	40	2.0
SR15 □×2 △○	150	270	433	625	625	779	779	—	30	4.4
SR20 □×1 △○	200	270	433	661	661	779	—	—	25	2.5
					I, III	II				
					Strainer Style					

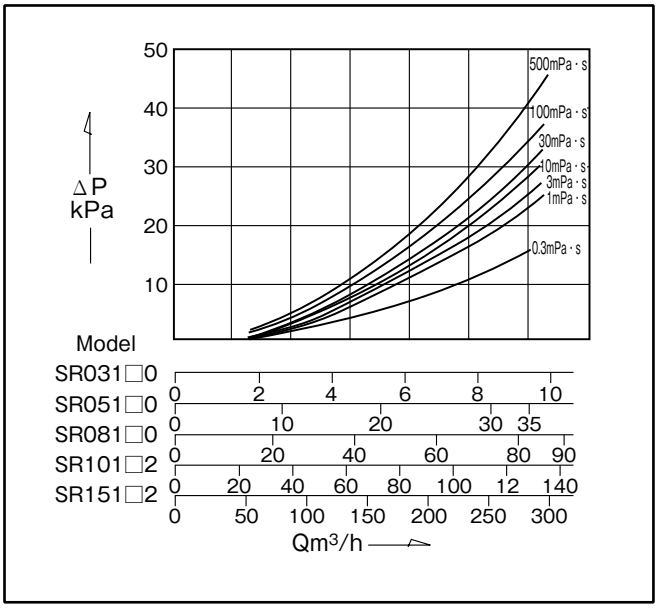
* Dimension H differs with the material of the body and pressure category.

Code	Material	Press. Rating
B1	FC250	10 K
C1	SCS14A	10 K
C2	SCS14A	20 K
F3	SCPH2	30 K
F6	SCPH2	63 K

★ The shape of strainer mesh of F6 is as shown on the right one of the above figures.

■ PRESSURE LOSS CURVES





■ WHEN YOU INQUIRE, PLEASE SUPPLY THE FOLLOWING INFORMATION:

1.	Application	☐ Acceptance ☐ Shipping ☐ Process Control ☐ Others ( )	8.	Max. Operating Pressure	_____ MPa
2.	Applicable Liquid	_____	9.	Max. Operating Temperature	_____ ˚C
3.	Applicable Meter Size	_____	10.	Fluid Viscosity	mPa•s
4.	Nominal Size	_____ mm	11.	Physical and/or Chemical Properties and Quantities of Foreign Solids Contained	
5.	Flange Rating	JIS_____K RF, FF JPI_____RF ASME_____RF	12.	Description of Location for Installation	(layout with pump, air eliminator flowmeter, valves, etc.)
6.	Materials	Body_____ Strainer Screen_____	13.	Quantity Desired	_____ Units
7.	Strainer Net Mesh	_____Mesh	14.	Accessories desired *	

When the specification is subject to the rating of High Pressure Gass Safety Act, fill the corresponding item in making inquiry.

* When flange, valve, pipe, etc. are added to the drain and vent, please indicate the specification and the direction of connection.

■ Explanation of Materials

JIS	Material
FC250	Gray Iron Castings
SCS14A	Stainless Steel Castings
SCPH2	Carbon Steel Castings
SUS316	Stainless Steel
SUS304	Stainless Steel

OVAL

STRAINERS

Large Size, Steel Plate Housing

GENERAL SPECIFICATION

GS.No.GCB003-7-E

■ GENERAL

To prevent potential damage to the flowmeter by foreign solids suspended in fluid being metered, it is usually necessary to provide a strainer immediately upstream of the meter.

Standard Type

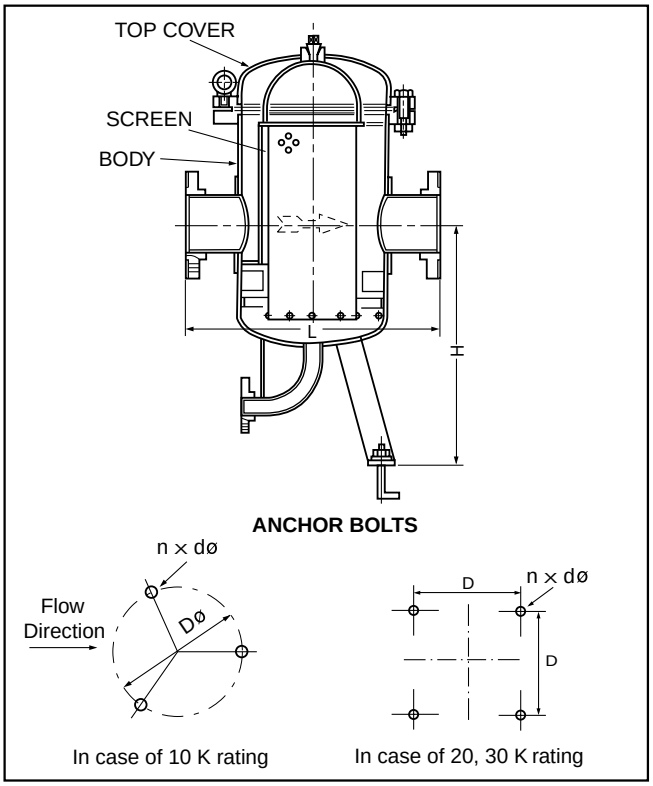
■ FEATURES

1.Simple design and ease of service.
2. Low pressure loss.
3. Rugged design for long life.

■ SELECTION GUIDE

Select a strainer which best suits your particular application by taking into consideration the following:

1. **Capacity Code 1** : Suggested for light oils or low viscosity liquids below 10 mPa·s.
2. **Capacity Code 2 :** Suggested for heavy oils or high viscosity liquids. "Capacity Code 2" strainers are also recommended for applications where fluids are handled at large flowrates, e.g. in offshore acceptance, particularly where a high foreign matter content is expected.
3. Choose a particular strainer with which the pressure loss on the inlet side is normally maintained below 50kPa at the maximum flowrate by referring to the pressure loss curves on page 3.
   NOTE: The maximum permissible differential pressure across the strainer is 0.1MPa.
4. **Always maintain a stock of replacement strainer screens.**
   Standard mesh available for our strainers are shown in tables elsewhere. In addition, 100, 80 and 60 mesh nets can also be furnished.
   When ordering extra or replacement strainer screen, please specify the strainer type, mesh number and the quantity desired.



■ MODEL CODE NUMBER

SR □□ 1 G 1 4 1

① Strainer

② Nominal Size

③ Type
1: Standard Type

④ Body Material*
G: Carbon steel plate : SS400
J : SUS304

⑤ Capacity
1 : Body capacity is small for the same bore.
2 : Body capacity is large for the same bore.

⑥ Screen Material*
4 : SUS304
5 : SUS304 reinforced
9 : Special material

⑦ Pressure Rating (JIS)
1 : 10 K
2 : 20 K
3 : 30 K

■ PRESSURE RATINGS, MATERIALS AND CONNECTING FLANGE RATINGS (Based on JIS)

Pressure Rating	Body Material	Flange Rating	Max. Operating Pressure* MPa
10K	SS400	JIS 10K RF	1.18
		ANSI/JPI 150 RF	1.37
20K	SS400	JIS 20K RF	1.96
		ANSI/JPI 150 RF	1.69
30K	SS400	JIS 30K RF	2.94
		ANSI/JPI 300 RF	2.94

✻Note : Reference temperature 120˚C

■ GENERAL SPECIFICATIONS

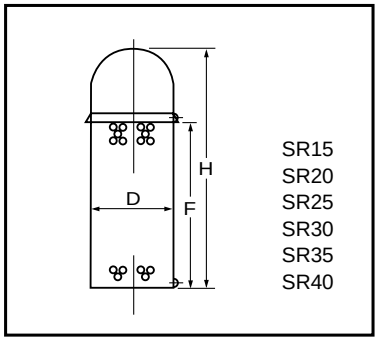
(1) Capacity Code : 1

Nominal Size		Max. Operating Pressure MPa	Screen Material		Mesh	Applicable Flowmeter Size	Flange-to-Flange Dim. L, mm	Center Height H, mm	Anchor Bolt Dø×n×dø	Approx. Mass kg
mm	inch		SUS304	SUS304 Reinforced						
200	8	1.18	SR201G141	SR201G151	30	32, ㉝	680	530	400×3×22	153
		1.96	SR201G142	SR201G152			850	770	300×4×22	340
		2.94	SR201G143	SR201G153			850	770	300×4×22	410
250	10	1.18	SR251G141	SR251G151	25	㉞	850	620	540×3×22	300
		1.96	SR251G142	SR251G152			1000	770	400×4×22	590
		2.94	SR251G143	SR251G153			1000	770	400×4×22	800
300	12	1.18	SR301G141	SR301G151	25	34	1000	740	620×3×22	420
		1.96	SR301G142	SR301G152			1100	900	450×4×22	750
		2.94	SR301G143	SR301G153			1100	900	450×4×22	1050
350	14	1.18	SR351G141	SR351G151	25	65	1150	880	800×3×22	780
		1.96	SR351G142	SR351G152			1300	900	500×4×22	1070
400	16	1.18	SR401G141	SR401G151	25	65	1500	1050	1000×3×22	1300
		1.96	SR401G142	SR401G152			1500	1050	630×4×22	1580

(2) Capacity Code : 2

Nominal Size		Max. Operating Pressure MPa	Screen Material		Mesh	Applicable Flowmeter Size	Flange-to-Flange Dim. L, mm	Center Height H, mm	Anchor Bolt Dø×n×dø	Approx. Mass kg
mm	inch		SUS304	SUS304 Reinforced						
150	6	1.18	SR151G241	SR151G251	40	31	680	530	400×3×22	145
		1.96	SR151G242	SR151G252	30	㉜ ㉝	850	770	300×4×22	310
		2.94	SR151G243	SR151G253			850	770	300×4×22	380
200	8	1.18	SR201G241	SR201G251	25	32, 33	850	620	540×3×22	270
		1.96	SR201G242	SR201G252			1000	770	400×4×22	570
		2.94	SR201G243	SR201G253			1000	770	400×4×22	770

■ SCREEN SPECIFICATION



Nominal Size mm	Model	Strainer Screen, mm					Mesh	Ratio of Open Area to Pipe Area
		Diameter (D)	Length (F)		Overall Lgth(H)			
			*①②	*③	*①②	*③		
150	SR15□×2△○	270	433	433	625	625	30	4.4
200	SR20□×1△○	270	433	433	625	625	25	2.5
200	SR20□×2△○	345	644	644	865	865	25	5.6
250	SR25□×1△○	345	644	644	865	865	25	3.6
300	SR30□×1△○	440	805	805	1065	1065	25	4.0
350	SR35□×1△○	497	846	—	1131	—	25	3.3
400	●SR40□×1△○	345	762	—	892	—	25	3.3

NOTES: Marked ✻①, ② correspond with pressure ratings 10 K, 20 K, respectively,
③ corresponds with pressure rating 30 K. Marked ● uses two strainer screens.

■ Net Mesh for UF-II Flowmeter

UF-II Meter Size	Nominal Size	Mesh
82	150	30
83	150 200	30
84	200 250	30
85	250 300	25
86	300 350	25
87	350 400	25
88	400 (450)	25

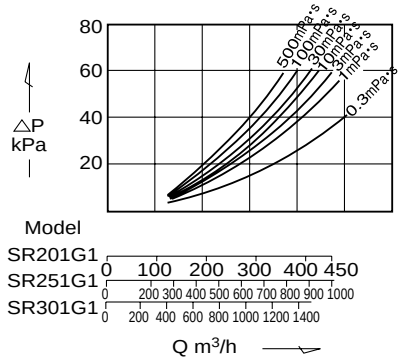
■ Net Mesh for EX TURBINE

Turbine Meter Nom.Size (mm)	Mesh	
	Standard Type	High Viscosity Type
150	40	60
200~400	20	60

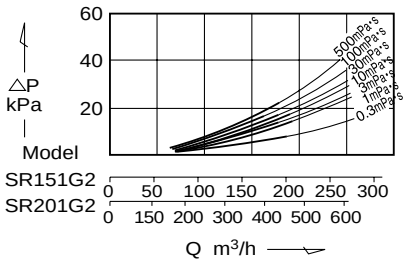
Line velocity thru the strainer must be less than 4~5 m/s.

■ PRESSURE DROP CURVES (standard mesh in place)

(1) Capacity Code: 1

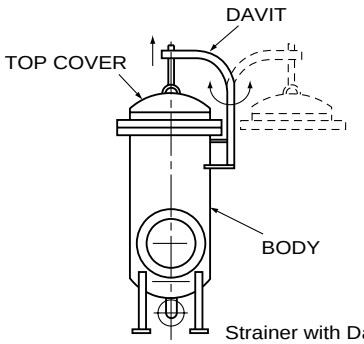


(2) Capacity Code: 2



■ STRAINERS WITH DAVIT (SEE SKETCH BELOW) CAN ALSO BE SUPPLIED.

(Consult factory.)



■ WHEN MAKING INQUIRIES, PLEASE STATE THE FOLLOWING INFORMATION:

1	**Application**	☐ Acceptance ☐ Shipping ☐ Process Control ☐ Others ( )	8	**Max. Operating Pressure**	_____ MPa
2	**Applicable Liquid**	_____	9	**Max. Operating Temperature**	_____˚C
3	**Applicable Meter Size**	_____	10	**Fluid Viscosity**	_____mPa･s
4	**Nominal Size**	_____mm	11	**Physical and/or Chemical Properties and Quantities of Foreign Solids Contained**	
5	**Flange Rating**	JIS_____K FF, RF ANSI/JPI_____RF	12	**Description of Location for Installation**	(Layout with pump, air eliminator, flowmeter, valves, etc.)
6	**Materials**	Body _____ Strainer Screen_____	13	**Quantity Desired**	_____Units
7	**Strainer Net Mesh**	_____ Mesh	14	**Accessories Desired**	Anchor Bolts: Required _____ Not Required _____

OVAL

JACKETED STRAINERS

GENERAL SPECIFICATION
GS.No.GCB004E–5

■ GENERAL

To prevent potential damage to the flowmeter with foreign solids suspended in the fluid being metered, it is usually necessary to provide a strainer immediately upstream of the meter.
Jacketed strainers have a dual construction housing-with steam jackets through which steam or warm water is circulated to keep the temperature of the fluid being handled.
They are ideally suited for applications where the liquid handled tends to solidify or where the temperature of the fluid being processed must be maintained at a specific level.
Semi-jacketed and fully-jacketed versions are available.

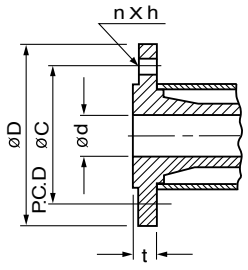
■ GENERAL SPECIFICATIONS

● Semi-Jacketed Models

Nom. size		Max. Operating Pressure MPa		Body Material	Semi-Jacketed Models		Mesh	Applicable Oval Meter Size	Flagne-to Flange Dim. L, mm	Center Height H, mm	Approx. Weight kg
					Screen Material						
mm	inch	Body	Jackets		SUS304	SUS316					
25	1	1.18	0.98	SCS14A	SR032C041	SR032C031	100	52, 53	270	320	20
40	11/2	1.18	0.98	SCS14A	SR042C041	SR042C031	60	55	270	320	20
50	2	1.18	0.98	SCS14A	SR052C041	SR052C031	60	56, 57	380	350	30
80	3	1.18	0.98	SCS14A	SR082C043	SR082C031	40	28	440	450	70
		4.51	0.98	SCPH2	SR082F043	SR082F033			480	535	131
100	4	1.18	0.98	SCS14A	SR102C243	SR102C231	40	29	520	550	85
		4.51	0.98	SCPH2	SR102F243	SR102F233			572	620	210
150	6	1.18	0.98	SS400	SR152G241	SR152G231	30	31	900	600	390
200	8	1.18	0.98	SS400	SR202G241	SR202G231	25	32, 33	1000	670	390

● Flange Connections on Fully-Jacketed Strainer

In a fully-jacketed model, the pipe connecting the flange and the body has a double construction with a greater O.D. For this reason it requires a lager connecting flange rating by one rank, as shown in the table at right (the bore remains small). Take a 25mm bore, for example, the bore remains the same while the flange thickness, O.D. P.C.D., bolt holt hole diameter and the number of bolt holes require those for a 50mm flange.



Actual Bore (d)	Conn. Flange Bore
25mm (1″)	50mm (2″)
40mm (1 1/2″)	65mm (2 1/2″)
50mm (2″)	80mm (3″)
80mm (3″)	100mm (4″)
100mm (4″)	150mm (6″)

Steam inlet/outlet bore Rc3/4 internal threads for semi-jacked version; 1/2″ JIS 10K FF for fully-jacketed version.

● Fully-Jacketed Models

Nom. size		Max. Operating Pressure MPa		Body Material	Fully-Jacketed Models	Mesh	Applicable Oval Meter Size	Flagne-to Flange Dim. L, mm	Center Height H, mm	Approx. Weight kg
					Screen Material					
mm	inch	Body	Jackets		SUS316					
25	1	1.18	0.98	SCS14A	SR036C031	100	52, 53, 55※1	350	270	30
40	1 1/2	1.18	0.98	SCS14A	SR046C031	60	56	350	270	30
50	2	1.18	0.98	SCS14A	SR056C031	60	57	380	350	45
80	3	1.18	0.98	SCS14A	SR086C031	40	59	460	450	80
100	4	1.18	0.98	SCS14A	SR106C131	40	31	480	350	95
150	6	1.18	0.98	SCS14A	SR156C131	30	32	555	650	120

Note : The decision level of "L" and "H" of upper list, see approval drawing at the time of the order.
※1 : For Meter size 55, standard mesh is 60.

■ MODEL CODE NUMBER

S R □ □ □ □ □ □ □

① **Strainer**

② **Nominal Size**

③ **Style**
2 : Semi-Jacketed Model
6 : Fully-Jacketed Model
9 : Special

④ **Body Material**
C : SCS14A
F : SCPH2
G : SS400
Z : Special

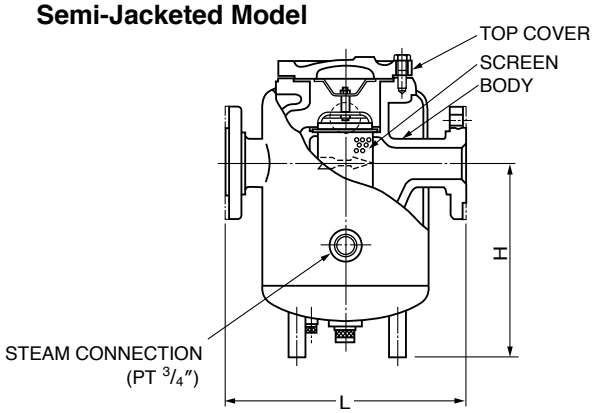
⑤ **Capacity**
0 : Only one bore size is available.
1 : Body capacity is small for the same bore.
2 : Body capacity is large for the same bore.

⑥ **Screen Material**
3 : SUS316
4 : SUS304
9 : Special

⑦ **Pressure Rating (JIS)**
1 : 0.98MPa
2 : 1.96MPa
3 : 2.94MPa

■ OUTLINE DIMENSIONS (See the table above.)

Semi-Jacketed Model



Fully-Jacketed Model