

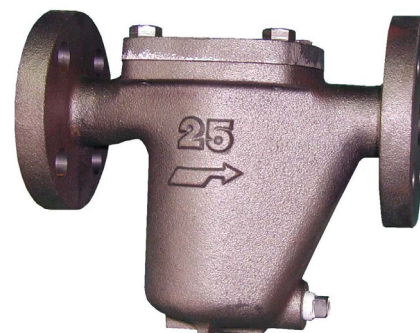
Bucket type strainer

SPECIFICATIONS

SSY20151 19.06

1. Outline

This is the bucket type strainer which has larger filtration area than same size of bucket type strainer. The strainer eliminates dust inside of a pipe and maintains the performance of flow meter by installed immediate in front of it.

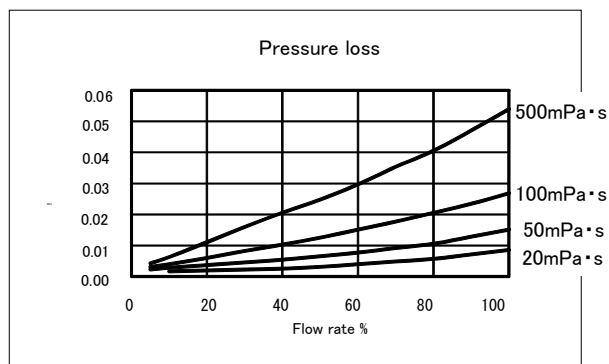


2. Specifications

Nominal size symbol	020		025		040		050		080		100	
Apply liquid	Chemical solutions, food liquids, petroleum, water, etc.											
Nominal size	20A		25A		40A		50A		80A		100A	
Liquid temperature	0~200°C (-20~200°C for Material symbol S2)											
Liquid pressure	2.0 MPa or under (By flange standards)											
Standard connection : Flange	JIS5K, 10K, 16K, 20K, ANSI class150, 300											
Material	Material symbol	F7	Main body : FC200,			Screen : SUS304,			Packing : Non-asbestos			
		F2	Main body : FC200,			Screen : SUS316,			Packing : Non-asbestos			
		D7	Main body : FCD450,			Screen : SUS304,			Packing : Non-asbestos			
		D2	Main body : FCD450,			Screen : SUS316,			Packing : Non-asbestos			
		S2	Main body : SCS14A,			Screen : SUS316,			Packing : Fluorine resin			
FC200 : Cast iron, FCD450 : Ductile cast iron, SCS14A : Stainless steel casting , SUS304, SUS316 : Stainless steel												
Material & Permissible Pressure	Nominal Pressure	Flange standard					Material symbol	Permissible Pressure (Liquid Temp. ~200°C) MPa				
	5K	JIS5K					F7/F2/D7	0.5				
	10K	JIS10K, ANSI class150					D2/S2	1.0				
	16K	JIS16K					D7/D2/S2	1.6				
	20K	JIS20K, ANSI class300						2.5				
Screen	60, 80, 100, 150, 200mesh, etc.											

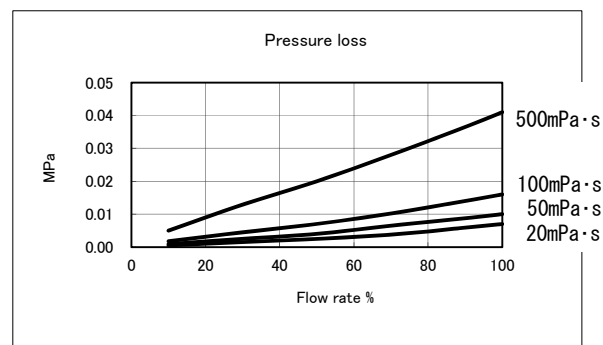
3. Pressure loss

STU020

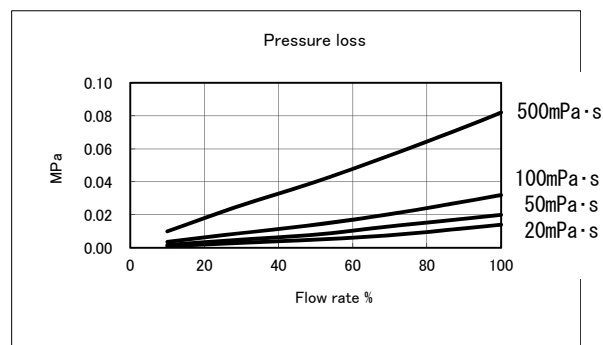


Nominal size symbol	Flow rate 100%
020	5.0 m ³ /h
025	5.0 m ³ /h
040	12.0 m ³ /h
050	24.0 m ³ /h
080・100	50.0 m ³ /h

STU025、040、080、100

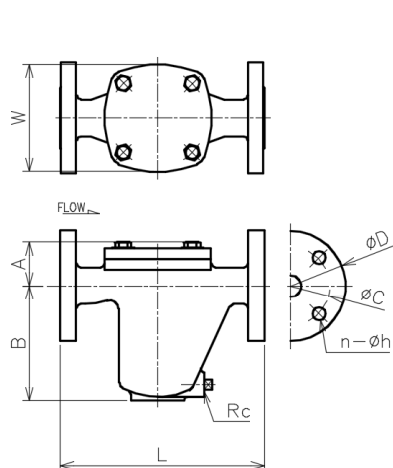


STU050

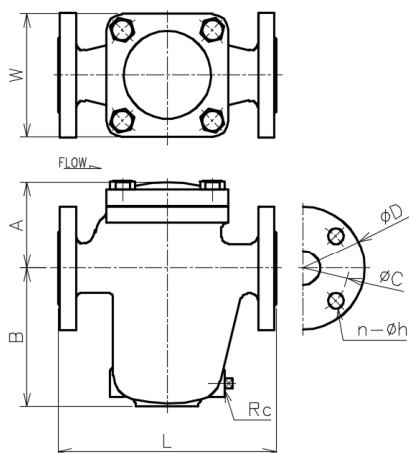


4. External dimensions (unit : mm)

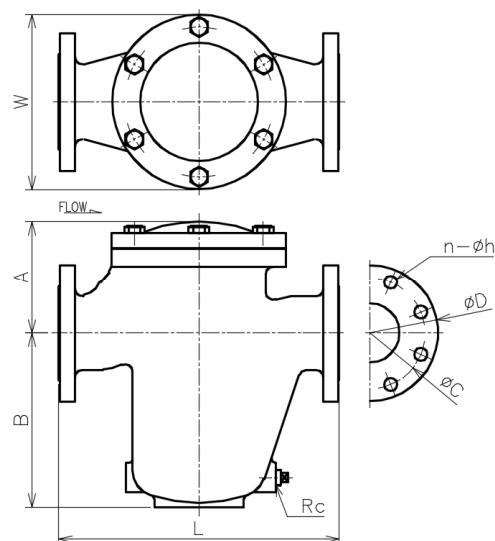
STU020, 025



STU040, 050



STU080, 100

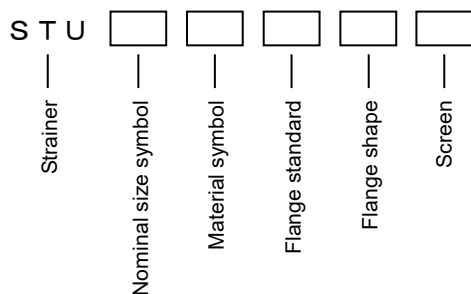


Unit : mm

Nominal size symbol	Nominal size	Flange standard	L			A	B	W	D	C	n	h	Rc (B)	Weight (kg)
			Material											
			FC	FCD	SCS									
020	20A	JIS10K	220	220	220	51	110	120	100	75	4	15	3/8	6.4
		JIS20K		228	224									7.4
025	25A	JIS10K	230	230	230	51	130	120	125	90	4	19	3/8	8
		JIS20K		234	234									9
040	40A	JIS10K	250	250	250	97	156	138	140	105	4	19	3/8	15
		JIS20K		254	254									16
050	50A	JIS10K	290	290	290	104	156	138	155	120	4	19	3/8	17
		JIS20K		294	294						8			18
080	80A	JIS10K	380	380	380	153	235	236	185	150	8	19	1/2	40
		JIS20K		388	388				200	160	8	23		44
100	100A	JIS10K	460	460	460	168	235	236	210	175	8	19	1/2	46
		JIS20K		468	472				225	185	8	23		50

- Note) 1. W indicates the maximum width.
 2. The shape somewhat varies depending on the nominal size.
 3. Shown weight is for material code F7 (JIS10K) and D7 (JIS20K).

5. Product code



●: Standard; ○: Manufacturable; ×: Non-manufacturable

Type	Specification code	Specifications	020	025	040	050	080	100
STU		U-shaped strainer	●	●	●	●	●	●
Nominal size symbol	020	Nominal size: 20A	●					
	025	Nominal size: 25A		●				
	040	Nominal size: 40A			●			
	050	Nominal size: 50A				●		
	080	Nominal size: 80A					●	
	100	Nominal size: 100A						●
Material symbol	F7	Main body: FC200, Screen: SUS304	●	●	●	●	●	●
	F2	Main body: FC200, Screen: SUS316	○	○	○	○	○	○
	D7	Main body: FCD450, Screen: SUS304	○	○	○	○	○	○
	D2	Main body: FCD450, Screen: SUS316	○	○	○	○	○	○
	S2	Main body: SCS14A, Screen: SUS316	○	○	○	○	○	○
Flange standard ※1	005	JIS5K	○	○	○	○	○	○
	010	JIS10K	●	●	●	●	●	●
	016	JIS16K	○	○	○	○	○	○
	020	JIS20K	○	○	○	○	○	○
	AS1	ANSI class150	○	○	○	○	○	○
	AS3	ANSI class300	○	○	○	○	○	○
Flange shape	F	FF flange	●	●	○	○	○	○
	R	RF flange	○	○	●	●	●	●
Screen	06	60 mesh	●	●	●	●	●	●
	08	80 mesh	○	○	○	○	○	○
	10	100 mesh	○	○	○	○	○	○
	15	150 mesh	○	○	○	○	○	○
	20	200 mesh	○	○	○	○	○	○
	XX	Others	○	○	○	○	○	○

※1: Some combination of specification code is not manufacturable.

Specification code	Specification	020~100		
		F7/F2	D7/D2	S2
005	JIS5K	○	○	○
010	JIS10K	●	○	●
016	JIS16K	×	○	○
020	JIS20K	×	●	○
AS1	ANSI class150	○	○	○
AS3	ANSI class300	×	○	○

◆◆◆ Matters to be specified at the time of ordering ◆◆◆

1. Type and specification code
2. Name of liquid, viscosity, temperature

▶ The contents given here are subject to change without notice.

NITTOSEIKO CO., LTD.

30 Nogamibata, Nobu-Cho, Ayabe, Kyoto 623-0041, JAPAN
 TEL : +81-773-43-3151(Domestic Operation)
 +81-6-6105-5086(Global Sales Section)
 FAX : +81-773-43-3155
 E-mail:sales@nittoseiko.co.jp
<https://www.nittoseiko.co.jp/en.html>