Born to save energy

BASKET STRAINERS

SU-50H • 50S • 50SS

Mainly applicable the place to be cleaned up at a frequent intervals, such as cooling water, industrial water, air conditioning installations, and boiler fuel oil. The model SU-50 series is a cost effective choise for such application.

FEATURES

1: Stainless steel (SUS316) Screen as a standard
2: FKM O-ring as a standard
3: Drain plug
4: Quick open cover for model SU-50S・50SS
5: Max. pressure 2.0MPa (20kgf/cm²G) for SU-50H
6: WSD approval for SU-50SS.

SU-50H

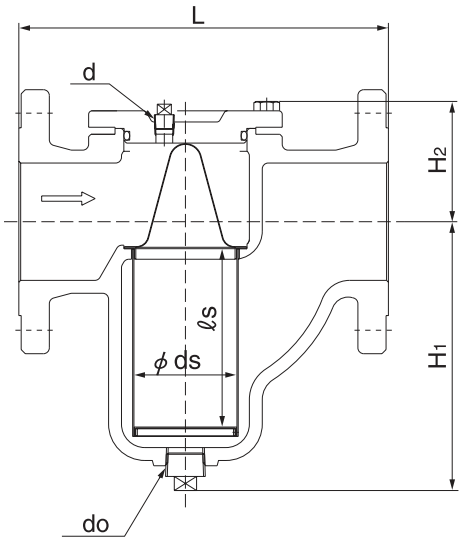
SU-50S・50SS

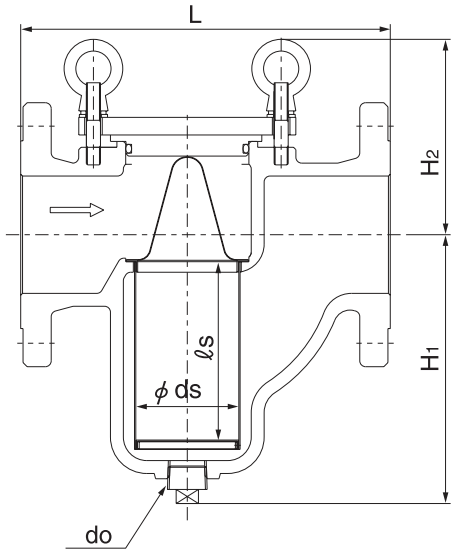
SPECIFICATIONS

Model		SU-50H	SU-50S	SU-50SS
Size		50A, 65A, 80A, 100A, 150A		
Application		Water, Oil, Sea water		
Max. pressure		2.0MPa {20kgf/cm²G}	1.6MPa {16kgf/cm²G}	
Max. temperature		5～80℃		
Connection		EN (BS) PN16RF		
Material	Body	Ductile cast iron *		Ductile cast iron with WRAS Epoxy
	Cover	Ductile cast iron		Stainless steel (SUS316)
	Screen	Stainless steel (SUS316)		
Standard screen		ϕ 2.5～7.21 holes/cm² (Perforated sheet)		**

* SU-50H, SU-50S for sea water with Epoxy Coating available as option. **ϕ1.5 for 50-100A, ϕ3 for 150A
Option1: WRAS approved Epoxy available as option.
Option2: ϕ3.0 mm hole at 4 mm pitch for 3 times free flow area ratio available as option.
Option3: 20-100 mesh are available as option.

DIMENSION & WEIGHT





(mm)

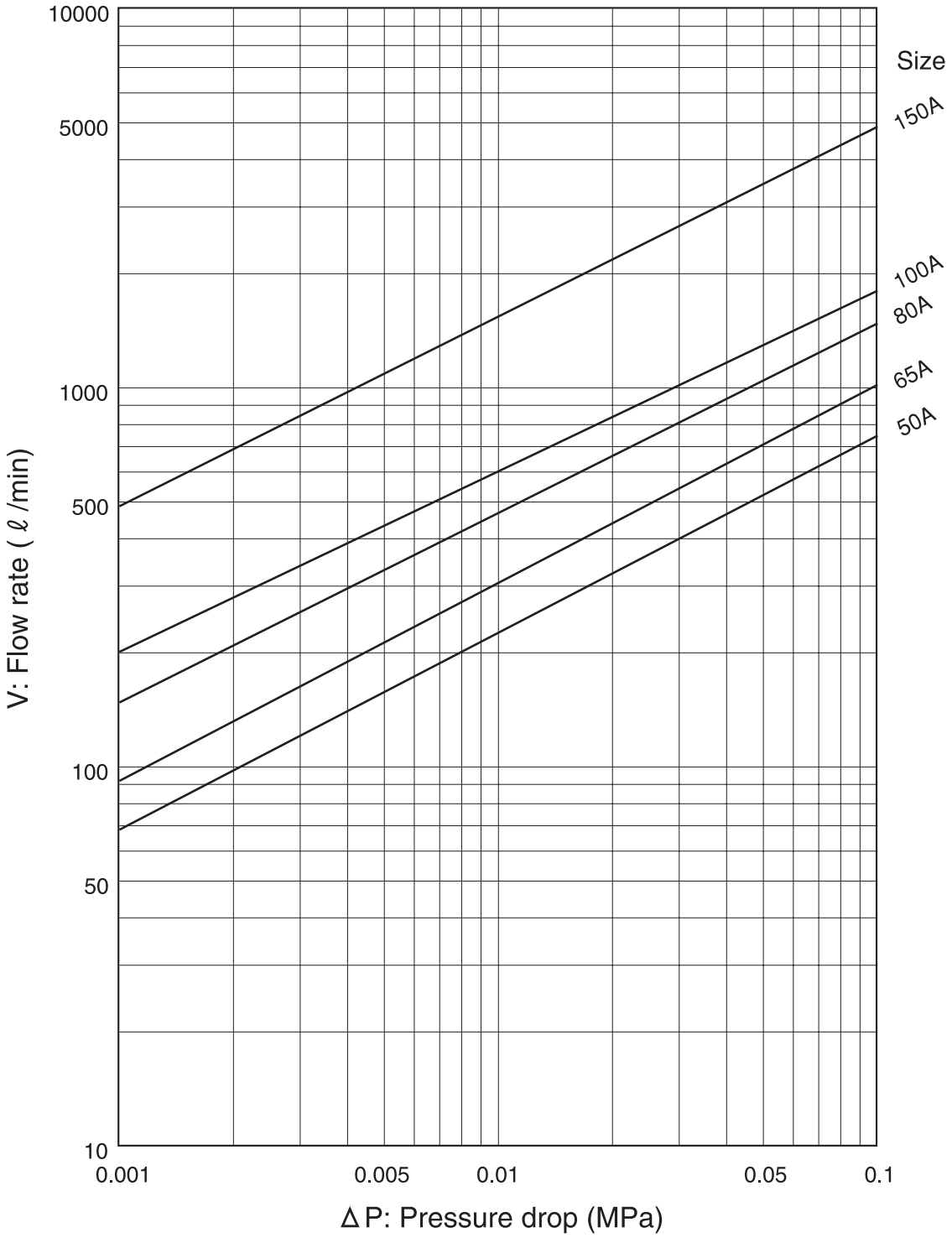
Size	L	H1	H2			ds	ℓs	d	do	Weight(kg)	
			SU-50H	SU-50S	SU-50SS					SU-50H	SU-50S・50SS
50A	243	166	88	140	144	64.5	108	R 1/4	R 3/4	13.0	13.0
65A	254	166	88	140	144	64.5	108	R 1/4	R 3/4	15.0	15.0
80A	300	204	98	163	165.5	77	140	R 3/8	R 1	20.0	20.0
100A	315	230	103	166.5	169	90	160	R 3/8	R 1	29.0	28.0
150A	455	385	137	211	214	140	270	R 3/8	R 1 1/2	73.5	72.0

YOSHITAKE

Nominal Size Selection Chart

Select the same nominal size as pipe line size (Pipe size = Strainer size). In case smaller size is selected, the pressure drop of strainer will increase and the fluid cannot be supplied at specified pressure.
In order to select the appropriate nominal size, standard velocity of flow in pipes is classified at JIS F 7101 (Standard velocity of flow in pipes of Ship Machinery 1999)

Standard flow velocity for water and oil: 2m/s (2～4m/s)



Pressure drop chart (for water)

YOSHITAKE

INTERNATIONAL DEPT.
955-5 Miyamae, Irukadeshinden, Komaki, Aichi, 485-0084 Japan
Phone: 81-568-75-4432 Fax: 81-568-75-4763 E-mail: intntl@yoshitake.co.jp

Printed in Japan. 01.2017