



BASKET STRAINERS



You can believe in.

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 choice 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



SU-50H



SU-50S • 50SS

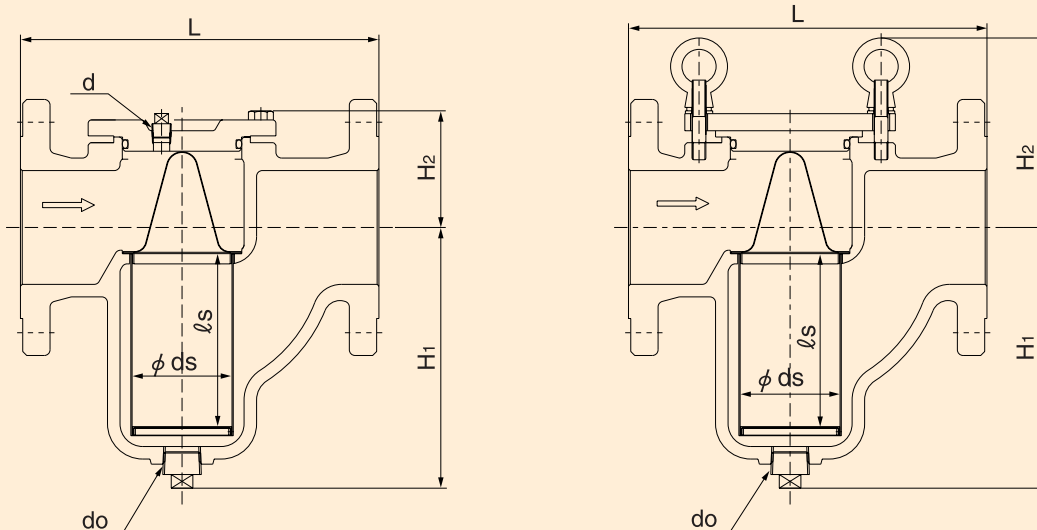
SPECIFICATIONS

Model	SU-50H	SU-50S	SU-50SS
Size	50A, 65A, 80A, 100A, 150A		
Application	Water, oil, Sea Water		
Max. pressure	2.0MPa {20kgf/cm ² G}	1.0MPa {10kgf/cm ² G}	
Max. temperature	5~80°C		
Connection	JIS 20K RF Flanged or BS4504 PN16 flanged		
Material	Body	Ductile cast iron*	Ductile cast iron with Epoxy Coating
	Cover	Ductile cast iron	Stainless steel (SUS316)
	Screen	Stainless steel (SUS316)	
Standard screen	φ 2.5~7.21 holes/cm ² (Perforated sheet)**		

*SU-50H, SU-50S for sea water with Epoxy Coating

**20~100 mesh are also available

DIMENSION & WEIGHT



(mm)

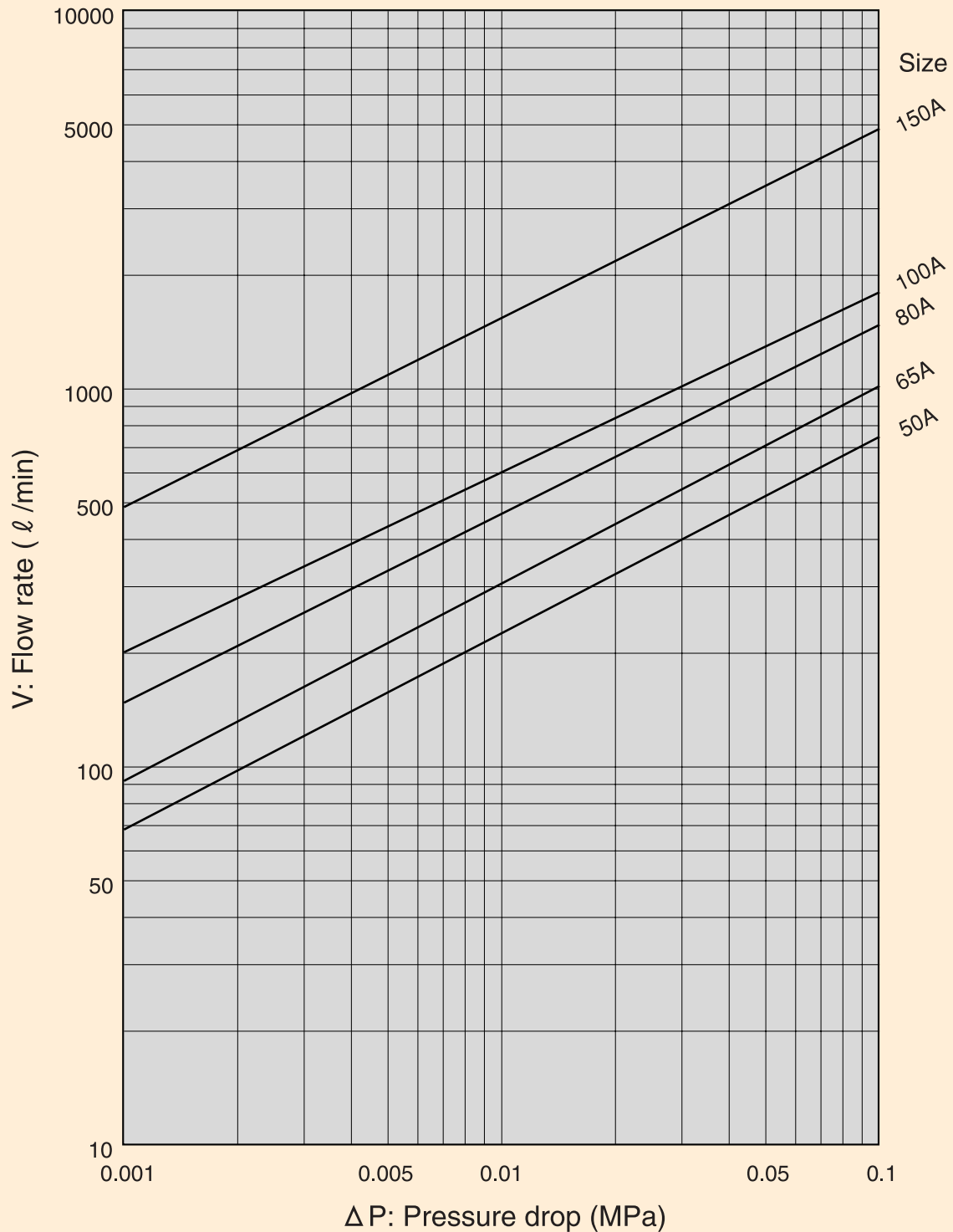
Size	L	H ₁	H ₂			ds	ls	d	do	Weight(kg)	
			SU-50H	SU-50S	SU-50SS					SU-50H	SU-50S•50SS
50A	243	166	88	140	144	64.5	108	R 1/4	R 3/4	13.0	13.0
65A	254	166	88	140	144	64.5	108	R 1/4	R 3/4	15.0	15.0
80A	300	204	98	163	165.5	77	140	R 3/8	R 1	20.0	20.0
100A	315	230	103	166.5	169	90	160	R 3/8	R 1	29.0	28.0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

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)