SU-20,20S,20C

Y type	Basket	Duplex	Temporary
Stainless steel	Nylon	Carbon steel	Easy plug
Pipe end core	One-touch	With fine mesh	Davit



SU-20



SU-20C



SU-20S

■Features

1. The largest possible filtration area in view of flow rate decrease caused by clogging.
2. Disassembling and cleaning are easy due to a simply structured cover that can be fixed and removed simply by tightening or unfastening a single bolt.
3. Excellent corrosion resistance due to the inner and outer surface coated with Nylon 11 (SU-20C).

■Specifications

· SU-20 · SU-20C

Application		Cold and hot water, Oil (Kerosine, A and B heavy oil), Other non-dangerous fluids
Nominal size		20A-150A
Maximum pressure		1.0 MPa
Maximum temperature		220℃ (SU-20C: 60℃)
Material	Body	Ductile cast iron
	Screen	Stainless steel
Screen	Perforation	ϕ6-9P
	Mesh	Standard 60 mesh
Connection		JIS 10K FF flanged

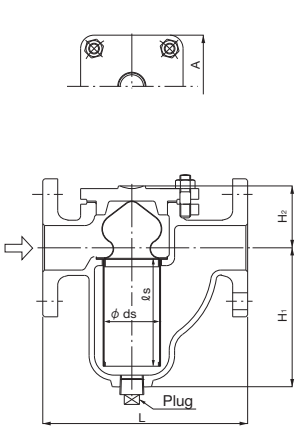
· Available with rust-proof (SU-20).
· Available with 20 to 250 mesh screen. Please contact us for 150 mesh or more.
· The shape of the cap are different depend on the size.
20A-65A: Square, 80A: Hexagon, 100A,125A: Octagon, 150A: Decagon

· SU-20S

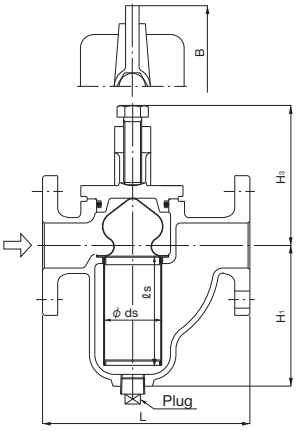
Application		Cold and hot water, Oil, Oil (kerosine, A, B heavy oil), Other non-dangerous fluids		
Nominal size		20A-100A	125A	150A
Maximum pressure		1.0 MPa	0.7 MPa	0.5 MPa
Maximum temperature		80°C		
Material	Body	Ductile cast iron		
	O-ring	NBR		
	Screen	Stainless steel		
Screen	Perforation	ϕ6-9P		
	Mesh	Standard 60 mesh		
Connection		JIS 10K FF flanged		

· Available with 20 to 150 mesh screen. Please contact us for 150 mesh or more.
· Available with O-ring FKM (Viton).
· The shape of the cap are different depend on the size.
20A-65A: Square, 80A: Hexagon, 100A,125A: Octagon, 150A: Decagon

■Dimensions (mm) and Weights (kg)



SU-10 · SU-20 · SU-20C

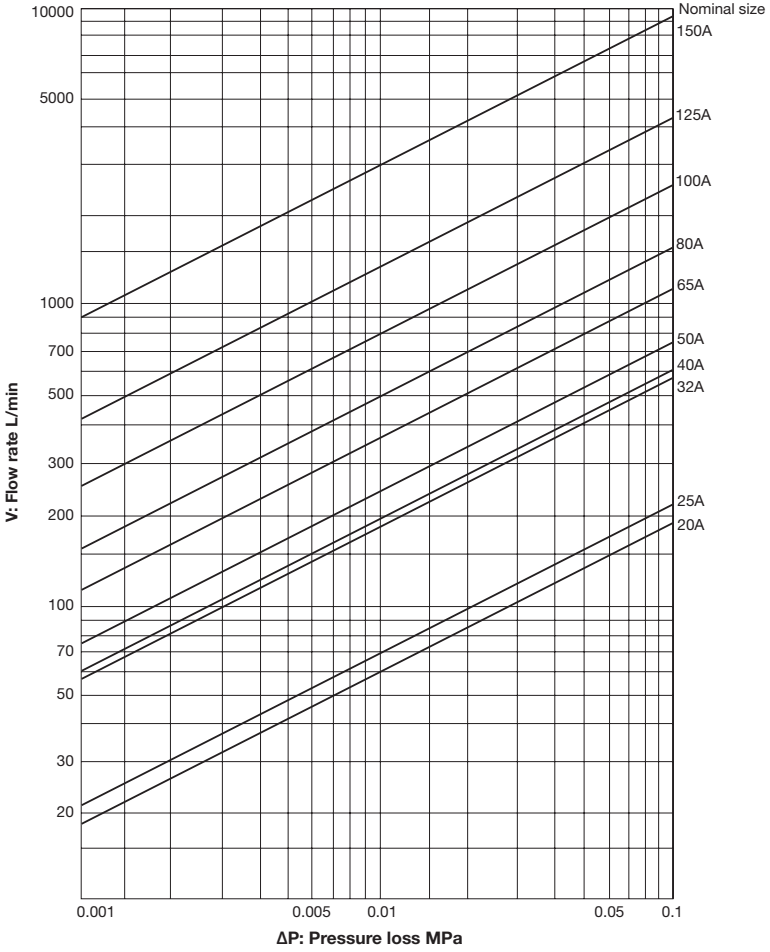


SU-10S · SU-20S

Nominal Size	L	H_1	H_2	H_3	A	B	ds	ℓs	Plug	Weight	
										SU-20 SU-10	SU-20S SU-10S
20A	175	97.5	54	107.5	87	131	40	70	R 3/8	5.0	5.6
25A	175	97.5	54	107.5	87	131	40	70	R 3/8	6.1	6.7
32A	230	146	67.5	151	115	179	64.5	108	R 3/4	11.1	12.5
40A	230	146	67.5	151	115	179	64.5	108	R 3/4	11.8	13.2
50A	230	156	69.5	153	115	179	64.5	120	R 3/4	12.4	13.8
65A	290	182	70	153.5	134	208	77	140	R 1	18.7	20.8
80A	300	197.5	88.5	189	185	249	90	160	R 1	23.8	27.1
100A	365	262	118.5	253	220	334	120	210	R 1-1/4	41.3	48.6
125A	425	340.5	134.5	269	248	362	140	270	R 1-1/2	61.4	69.4
150A	505	378	158.5	293	305	414	175	300	R 2	98.4	108.3

■SU-20, SU-10 Pressure Loss Chart (For Water)

· Screen: Perforation = φ6-9P, Mesh = 60 mesh



Please refer to P.4-12 for the information about how to look the chart, and calculating example.