

SY-40EN,40H

Y type

Basket

Duplex

Temporary

Stainless steel

Nylon

Carbon steel

Easy plug

Pipe end core

One-touch

With fine mesh

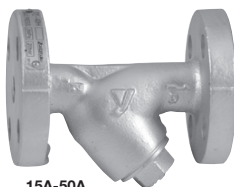
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Strainer

■Features

1. The SY-40EN strainer can be replaced easily from existing strainer because it complies with face-to-face dimensions of the EN standard.
2. High-flow-rate marine type provided with the largest possible filtration area as a countermeasure against the decreasing in the flow rate caused by clogging.
3. 65A or more (in nominal size) is designed as compact as possible and reduced in weight, making plumbing easy.



15A-50A

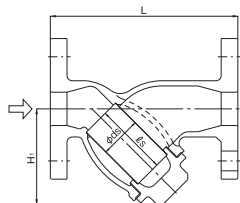


65A-150A

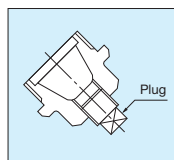
■Specifications

Model	SY-40EN		SY-40H	
Application	Steam, Air, Cold and hot water, Other non-dangerous fluids			
Maximum pressure	1.0 MPa		2.0 MPa	
Maximum temperature	220°C			
Material	Body		Ductile cast iron	
	Screen		Stainless steel	
Screen	Perforation		ϕ 2.5-7.21 holes/cm ²	
	Mesh		Standard 80 mesh	
Connection	EN PN16	EN PN25	JIS 20K FF flanged ASME Class 300 flanged	

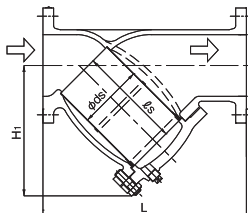
- Available with 20 to 100 mesh screen (perforation: ϕ 2.5-7.21 holes/cm²) or only with perforation (15A to 80A: ϕ 1.3-16.2 holes/cm², 100A or more: ϕ 1.5-11.2 holes/cm²).
- Available with a brass plug (the standard is S15C or FCMB310).



15A-32A



40A-50A



65A-150A

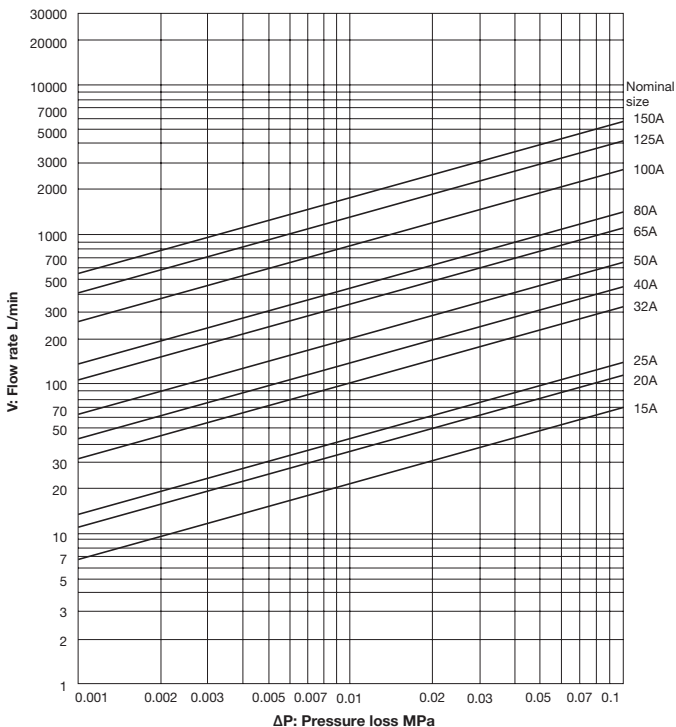
■Dimensions (mm) and Weights (kg)

Nominal size	L		H ₁	d _s	ℓ _s	Plug	Weight	
	SY-40EN	SY-40H					SY-40EN	SY-40H
15A	130	130 (-)	61	22	40	-	1.4 (2.0)	1.9 (-)
20A	150	140 (-)	75	27	56	-	2.0 (3.0)	2.5 (-)
25A	160	160 (160)	88	34	66	-	2.7 (4.5)	4.0 (4.5)
32A	180	175 (180)	104	43	76	-	3.9 (5.5)	5.2 (6.0)
40A	200	190 (200)	115	50	85	R 1/2	5.4 (8.0)	6.7 (8.5)
50A	230	233 (230)	140	61	107	R 1/2	8.6 (10.5)	10.2 (11.0)
65A	290	290 (302)	167	73	125	R 1/2	13.2 (14.0)	15.0 (15.0)
80A	310	316 (330)	190	88	130	R 1/2	16.9 (18.0)	19.0 (20.0)
100A	350	360 (370)	225	108	180	R 3/4	24.3 (27.0)	28.0 (30.0)
125A	400	415 (440)	263	136	200	R 3/4	40.0	42.0 (43.0)
150A	480	495 (520)	315	160	250	R 3/4	66.0	68.0 (71.0)

- The values in parentheses are the dimensions and weights of ASME Class 300 flanged.
- EN PN16 is only size up to 100A.
- The value in parenthesis are the weight of SY-40EN for EN PN25.

■SY-40H, SY-40EN Pressure Loss Chart (For Water)

· Screen: Perforation = ϕ 2.5-7.21 holes/cm², Mesh = 80 mesh



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