

SY-17,37

Y type

Basket

Duplex

Temporary

Stainless steel

Nylon

Carbon steel

Easy plug

Pipe end core

One-touch

With fine mesh

Davit



■Features

1. Cast stainless steel body is rust-less, available for a wide variety of applications such as food, chemical industries, and oil.
2. High-flow-rate marine type with the largest possible filtration area in view of decrease in flow rate caused by clogging.

■Specifications

Model		SY-17	SY-37 (strainer with fine mesh)
Application		Steam, Air, Cold and hot water, Oil, Other non-dangerous fluids	
Maximum pressure		2.0 MPa	
Maximum temperature		150°C (250°C) *	
Material	Body	Cast stainless steel	
	Screen	Stainless steel	
Screen	Perforation	ϕ 2.5-7.21 holes/cm ²	
	Mesh	Standard 80 mesh	120 to 200 mesh
Gasket		PTFE *	
Connection		JIS Rc screwed	

* If the temperature is more than 150°C, another material is used for the gasket. Please contact us.

- Available with 20 to 100 mesh screen (SY-17).
- The screen for SY-37, it has become the special specification called screen (P) to prevent the gap between the screen and the body.
- The Gasket is PTFE up to 150°C.
- Available more than 150°C by changing the material of gasket.

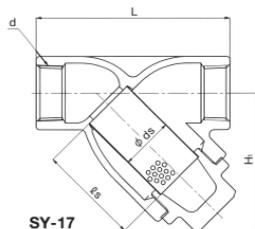
SY-17: 15A-50A (Max Temp: 250°C)

SY-37: 15A-40A (Max Temp: 250°C, 50A (Max Temp: 175°C))

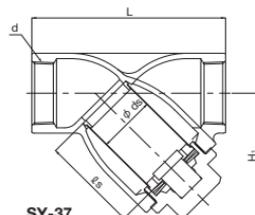
■Dimensions (mm) and Weights (kg)

Nominal size	d	L	H ₁	d _s	φ _s	Weight
15A	Rc 1/2	85	55	20 (18)	35	0.40 (0.4)
20A	Rc 3/4	100	69	25 (23)	50	0.68 (0.7)
25A	Rc 1	115	83	32 (30)	60	1.01 (1.1)
32A	Rc 1-1/4	135	92	40 (38)	70	1.48 (1.6)
40A	Rc 1-1/2	150	102	45 (43)	75	1.88 (2.0)
50A	Rc 2	180	117	56 (54)	90	3.34 (3.6)

· The above values in parentheses are the dimensions and weights of the SY-37.



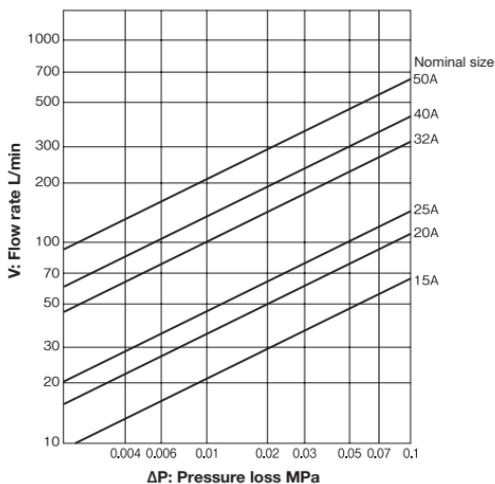
SY-17



SY-37

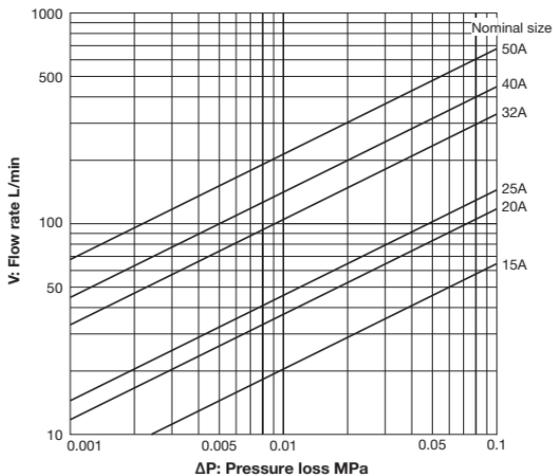
■SY-17 Strainer Pressure Loss Chart (For Water)

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



■SY-37 Strainer Pressure Loss Chart (For Water)

· Screen: Perforation = ϕ 2.5-7.21 holes/cm², Mesh = 120 mesh



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