

SY-5

Y type

Basket

Duplex

Temporary

Stainless steel

Nylon

Carbon steel

Easy plug

Pipe end core

One-touch

With fine mesh

Davit

4

Strainer

■Features

1. Versatile, compact, lightweight and economical.
2. High-flow-rate marine type with the largest possible filtration area in view of decrease in flow rate caused by clogging.

■Specifications

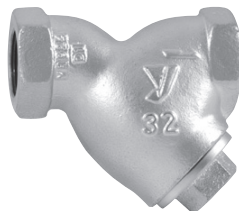
| | | | |
|---------------------|--|---------------------------------------|--|
| Application | Steam, Air, Cold and hot water, Other non-dangerous fluids | | |
| Maximum pressure | 2.0 MPa | | |
| Maximum temperature | 220°C | | |
| Material | Body | Ductile cast iron | |
| | Screen | Stainless steel | |
| Screen | Perforation | ϕ 2.5-7.21 holes/cm ² | |
| | Mesh | Standard 80 mesh | |
| Connection | JIS Rc screwed | | |

- Available with 20 to 100 mesh screen (perforation: ϕ 2.5-7.21 holes/cm²) or only with perforation (ϕ 1.2-23.8 holes/cm²) on request.
- Available with 10A to 32A attached with a plug (material: S15C).
- Available with a brass plug.
- Recommend to use SY-6 for cold and hot water application.

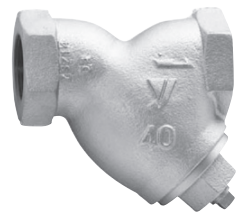
■Dimensions (mm) and Weights (kg)

| Size | d | L | H ₁ | ds | zs | Plug | Weight |
|------|----------|-----|----------------|----|----|---------|--------|
| 10A | Rc 3/8 | 65 | 50 | 18 | 32 | (R 1/4) | 0.4 |
| 15A | Rc 1/2 | 75 | 55 | 20 | 35 | (R 1/4) | 0.6 |
| 20A | Rc 3/4 | 90 | 70 | 25 | 50 | (R 3/8) | 0.9 |
| 25A | Rc 1 | 110 | 85 | 32 | 60 | (R 3/8) | 1.4 |
| 32A | Rc 1-1/4 | 135 | 95 | 40 | 70 | (R 3/8) | 2.2 |
| 40A | Rc 1-1/2 | 145 | 105 | 45 | 75 | R 3/8 | 3.4 |
| 50A | Rc 2 | 170 | 120 | 56 | 90 | R 3/8 | 4.5 |

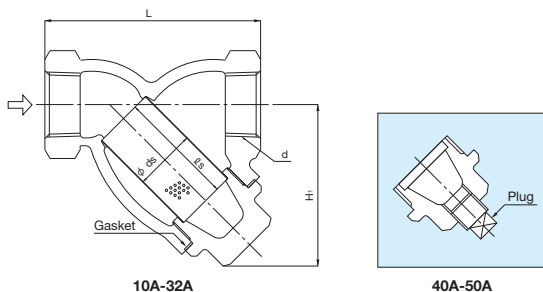
* Please do not use other than Yoshitake product for gasket and screen.



10A-32A

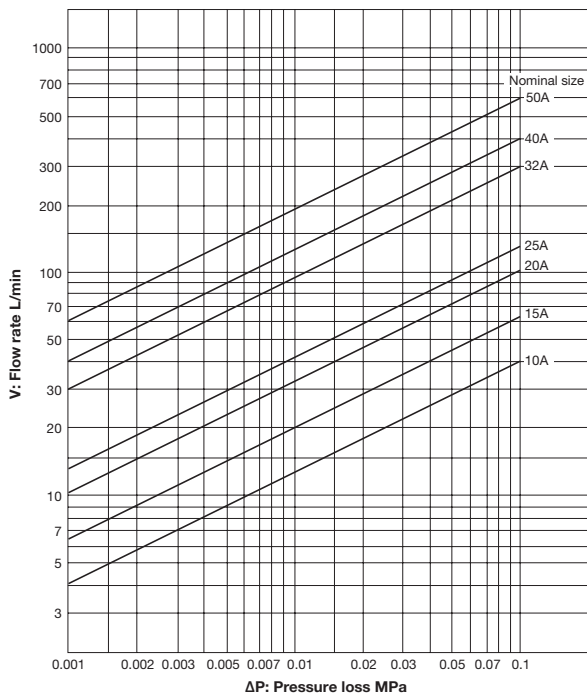


40A-50A



■SY-5 Pressure Loss Chart (For Water)

· Screen: Perforation = $\phi 2.5$ -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.