



# Type YSP-1, 2 Disc Steam Trap (Pipeline)

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As a disc type trap, it effectively uses the difference in the thermodynamic characteristics between steam and condensate. It is appropriate for places where there is a high possibility of freezing damages, including where the outlet or a steam main is exposed to the atmosphere.



Type YSP-1



Type YSP-2

## ■ Features

- Economical Trap (YSP-1 : no need for a separate bypass pipeline & simple handle operation blows foreign substances out and discharges condensed water.)
- No air binding during the start-up & easy repair.
- Easy installation in a pipeline : compact product & either the screwed type or flanged type can be used according to installation conditions.

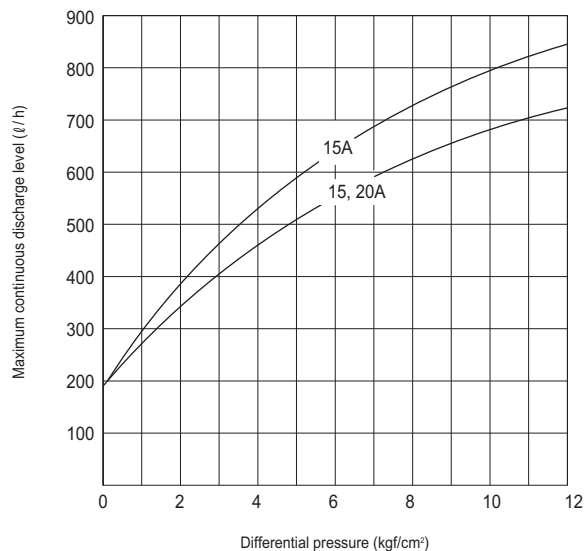
## ■ Specifications

Type		YSP-1, YSP-2
Applicable pressure		0.35~12kgf/cm <sup>2</sup> g
Fluid temperature		220° C below
End connection		KS PT SCREW
Materials	Body	GC200
	Disc, seat	STS
Hydraulic test pressure		18 kgf/cm <sup>2</sup> g

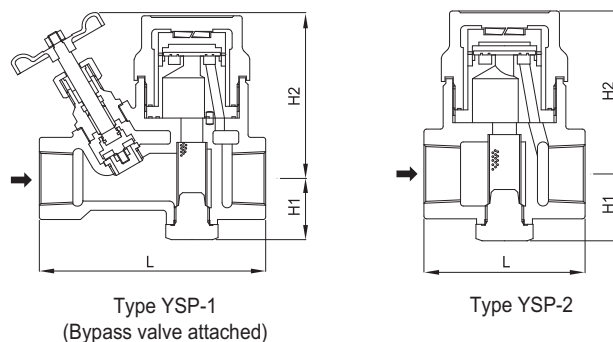
## ■ Dimensions

Type	Size	L	H1	H2	Weight(kg)
Type YSP-1	15(1/2")	120	33	95	2.0
	20(3/4")	125	33	95	2.0
	25(1")	135	37	97	2.6
Type YSP-2	15(1/2")	80	33	84	1.5
	20(3/4")	84	33	84	1.5
	25(1")	88	37	87	2.0

## ■ Flow curve



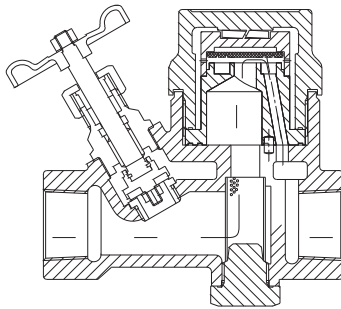
## ■ Dimensional drawing



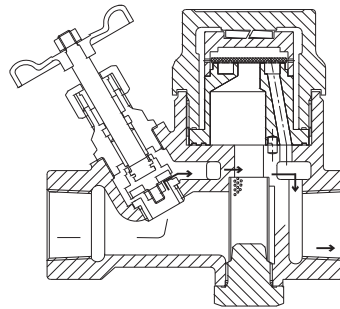
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## © Type YSP-1 Steam Trap for Bypass

### ■ Features



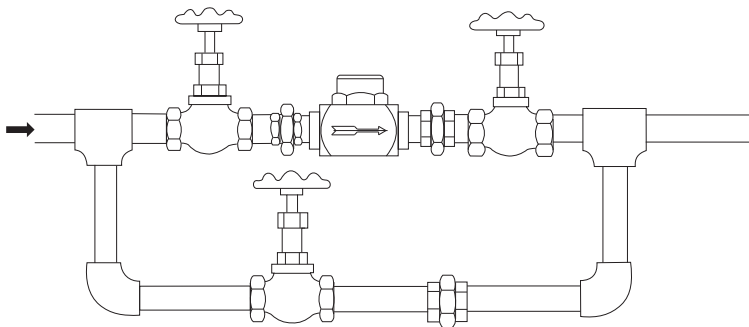
When the bypass valve is closed



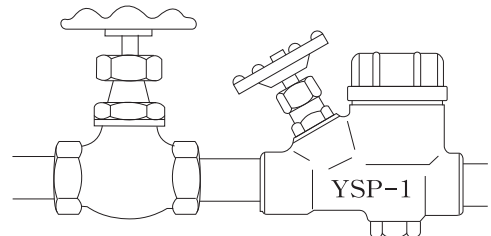
When the bypass valve is open

- 2 different functions : (1) Trap-when the bypass valve is closed; (2) Condensed water discharge device-when the bypass valve is open.
- Built-in strainer.
- No need for a bypass pipeline.
- Simple structure : easy operation & repair.

### ■ Pipeline installation method



When a bypass steam trap is not attached



When a bypass steam trap is attached