

Auto-Flow Balance Valves

PN25/ 350PSI

TALOAR small-sized brass balance valves can automatically maintain the flow of the water systems constant under normal working differential pressure range, which does not require field or site commissioning. The shell is of low-resistance Y structure. The detachable bottom bonnet makes it easy to inspect, repair, replace the cartridge and sewage draining. Measuring ports on both ends enjoy good self-sealing performance. High-precision valve disc ensures correct and persistence of constant flow.

Product Features

- Auto constant flow, field or site commissioning is not required.
- Reduced energy consumption and improved system stability.
- Low-resistance Y shell structure.
- Precise flow orifice design leads to low error $\pm 5\%$.
- Stainless steel spring, with longer service life.
- Detachable bonnet, making it easy to replace the cartridge and drain sewage.
- Easy installation, time saving.
- Plug-in measuring point, allowing quick connection.

Technical Parameters

Pressure Ratings: PN25/350PSI

Working Temperature: $-10^{\circ}\text{C} \sim 120^{\circ}\text{C}$

Size: $\frac{1}{2}'' - 1\frac{1}{2}''$, DN15 mm-DN40 mm

End Type: BSPT or NPT

Medium: Water

Material Specifications

Body: Brass

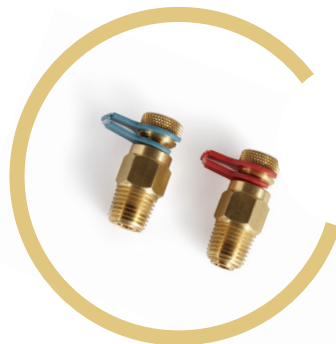
Bonnet: Brass

Cartridge: Chrome-plated Brass

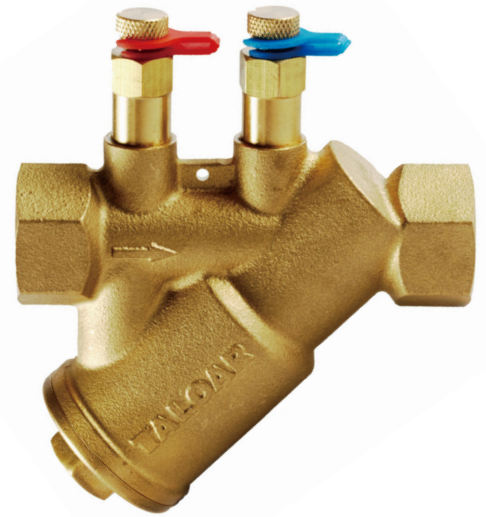
Spring: Stainless Steel

Measuring port: Brass

Seal: EPDM

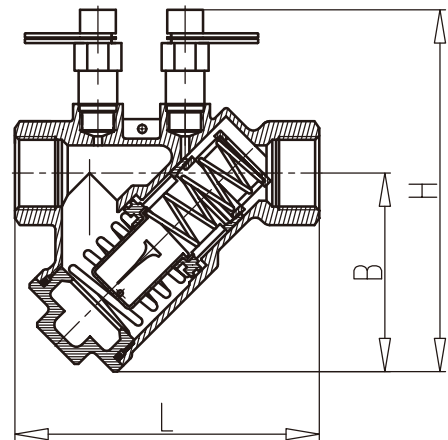


1125 $\frac{1}{4}''$



T320

$\frac{1}{2}'' - 1\frac{1}{2}''$



Dimensions/Weights

mm	15	20	25	32	40
In	$\frac{1}{2}$	$\frac{3}{4}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
L	103	110	125	160	170
H	131	131	137	155	175
B	72	72	76	95	110
Lbs	1.98	2.21	2.65	3.31	4.41
kg	0.90	1.00	1.20	1.50	2.00

* Note: In valve installation, it is strongly suggested that sufficient space should be left for easy maintenance in the future. A strainer shall be mounted in front of the valve to prevent foreign matter blocking the valve.