

# Auto-Flow Balance Valves

## PN25/ 350PSI

TALOAR ductile iron wafer-type auto-flow balance valves can automatically maintain the flow of water systems constant within normal working differential pressure range, which does not require field or site commissioning. The shell is coated with epoxy resin. Measuring ports on both ends enjoy good self-sealing performance. High-precision valve core ensures correct and persistence of constant flow.



**W500-D**

2" - 20"

## Product Features

- Auto constant flow, field or site commissioning is not required.
- Reduced energy consumption and improved system stability.
- Elaborate flow hole design, flow error within  $\pm 5\%$ .
- Stainless steel cartridge and spring, with longer service life.
- Detachable bolt, making it easy to replace the cartridge.
- Small and light, space saving.
- Plug-in measuring point, allowing quick connection.

## Technical Parameters

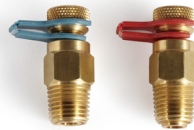
**Pressure Ratings:** PN25

**Working Temperature:** -10°C~120°C

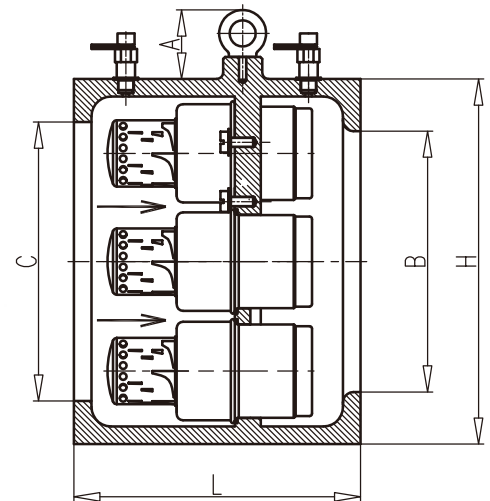
**Size:** 2" - 20" , DN50 mm-DN500 mm

**End Type:** ANSI or BSEN flange

**Medium:** Water



**1125** 1/4"



## Material Specifications

**Body:** Ductile Iron

**Cartridge:** Stainless Steel

**Spring:** Stainless Steel

**Measuring port:** Brass

**Seal:** EPDM

\* 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 from blocking the valve.

## Dimensions/Weights

mm	50	65	80	100	125	150	200	250	300	350	400	450	500
In	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20
L	180	180	180	220	220	220	220	220	223	223	242	242	242
B	50	65	80	100	125	150	200	250	300	350	400	450	500
C	83	83	83	133	140	162	214	280	328	382	440	487	545
A	-	-	-	-	-	53	53	53	69	69	69	69	69
H	106	120	132	177	193	220	280	341	400	448	510	560	618
Quantity of Bolts	4	8	8	8	8	8	12	12	16	16	16	20	20
Lbs	12.3	12.8	13.7	23.2	33.1	47.4	66.2	76.1	111.4	130.1	198.5	244.8	330.8
kg	5.6	5.8	6.2	10.5	15.0	21.5	30.0	34.5	50.5	59.0	90.0	111.0	150.0