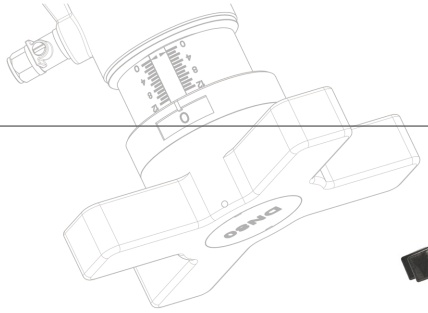
TALOAR®



Differential Pressure Control Valves

PN16/235PSI, PN25/350PSI

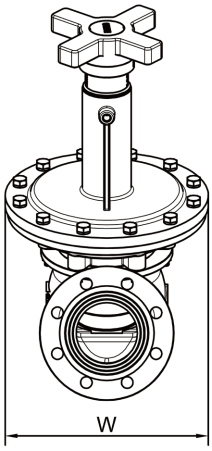
PC1000 ductile Iron differential pressure control valve, designed with a low-resistance Y-shaped structure, provides more accurate and stable control in the variable flow system, automatically and keeps the differential pressure between both ends of the control valve at a relatively stable value, with no external power source needed. The high-precision disc and reliable sealing performance ensures precision and durability in flow measurement. PC1000 is mainly used in the HVAC system.

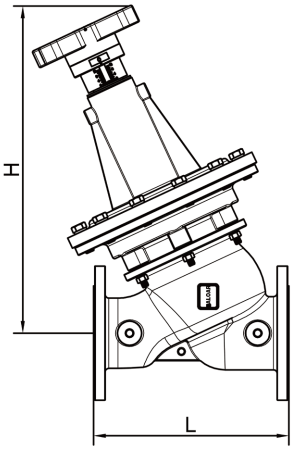
Product Features

- **Relying on the pressure change of the high/low pressure chambers to change the valve opening angle, automatically keeping differential pressure constant.**
- **Low-resistance Y-shaped structure.**
- **Large controllable differential pressure range.**
- **Differential pressure value can set at site.**
- **Memory limit function.**
- **Vent hole in High Pressure chamber.**
- **Lower noise.**

PC1000

2½″ ~ 10″





Technical Parameters

Pressure Grade: PN16,PN25

Working Temperature: -10°C~120°C

Size: 2½″ - 10″ , DN65 mm-DN250 mm

End Type: ANSI or BSEN flanges

Medium: Water

Max. Kpa: ≥400

Material Specifications

Body: Ductile iron

Bonnet: Ductile iron

Disc: Stainless steel

Seal Ring: EPDM

Diaphragm: EPDM

Spring: SUS304

Stem: SUS304

Hand Wheel: 2 ½″ ~ 4″ Nylon
5″and above ductile iron

Guide Piping: Brass

Guide Piping Size: 2 m (1/8″)

Dimensions/Weights

mm	65	80	100	125	150	200	250
I n	2½	3	4	5	6	8	10
L	229	250	320	370	415	500	605
H	446	478	536	583	659	760	820
W	250	279	333	410	511	530	535
Lbs	62	77	110	163	254	353	507
kg	28	35	50	74	115	160	230

* 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 matters from blocking the valve.