

B1003 -... Stainless Steel Automatic Exhaust Valve Series



**Exhaust Valve
B1003-...Series Stainless Steel
Threaded Connection
PN10, PN16**

Performance & Features:

When air is present in the system, it accumulates in the upper part of the exhaust valve. The accumulation of air bubbles causes the float to drop as the water level falls, thereby opening the exhaust port. After the air is completely discharged, the water level rises, the float rises accordingly, and the exhaust port closes.

- ◆ Nominal diameter: DN10-DN20;
- ◆ Continuous, uninterrupted air release capability with high and consistent efficiency, maintenance-free.
- ◆ All-stainless steel valve body, sturdy and durable.
- ◆ Connection to the atmosphere during water draining, ensuring a long service life.
- ◆ Rapid air exhaust during system water filling, eliminating air resistance during system operation.
- ◆ Low fluid resistance, with minimal scouring and erosion on the sealing surfaces by the medium.
- ◆ Flexible operation, compact structure and good manufacturability.
- ◆ A pagoda connector for $\Phi 8$ hoses allowed to be installed at the exhaust port;

Applications:

This series of exhaust valves is typically installed on pipelines conveying media in projects including buildings, apartments, office buildings, complexes, data centers and factories, such as water supply and drainage, cold and hot water, water treatment, as well as primary and secondary hot water supply pipelines. They effectively eliminate air resistance and air blockage in the system, protect end-use equipment and improve operating efficiency.

Model Designation:

For example: B1003-10-10P

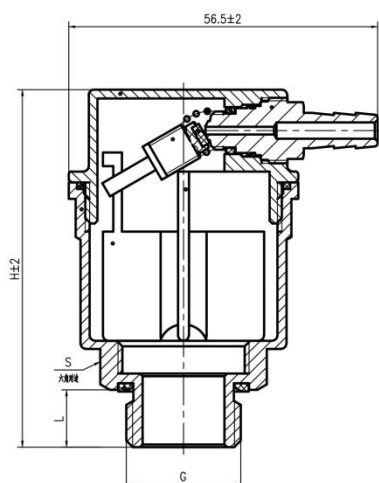
1. "B10": Exhaust Valves Series;
2. "0": Quick Exhaust Valve;
3. "3": Threaded Connection;
4. "-10": Nominal Diameter DN10;
5. "-" separator;
6. "16/10" Nominal Pressure, PN16/PN10;
7. "P": Stainless Steel;

Technical Specification:

PN (Nominal Pressure)	PN10/PN16
Connection Standard	Threaded connection ISO228/1 (or EN10226)
Working Temperature	-40°C - 95°C (For other temperatures, please consult the person in charge at ZIGTOO for details)
Body	Brass/Stainless steel
Seal	EPDM
Float	PP

Dimension Chart

Thread - Stainless Steel



Model	DN	G	H	L	S (Outer Diameter)
B1003-10-10P	DN10	3/8"	63.5	9.5	22
B1003-15-10P	DN15	1/2"	65.5	10.5	27
B1003-20-10P	DN20	3/4"	66.5	11.5	32