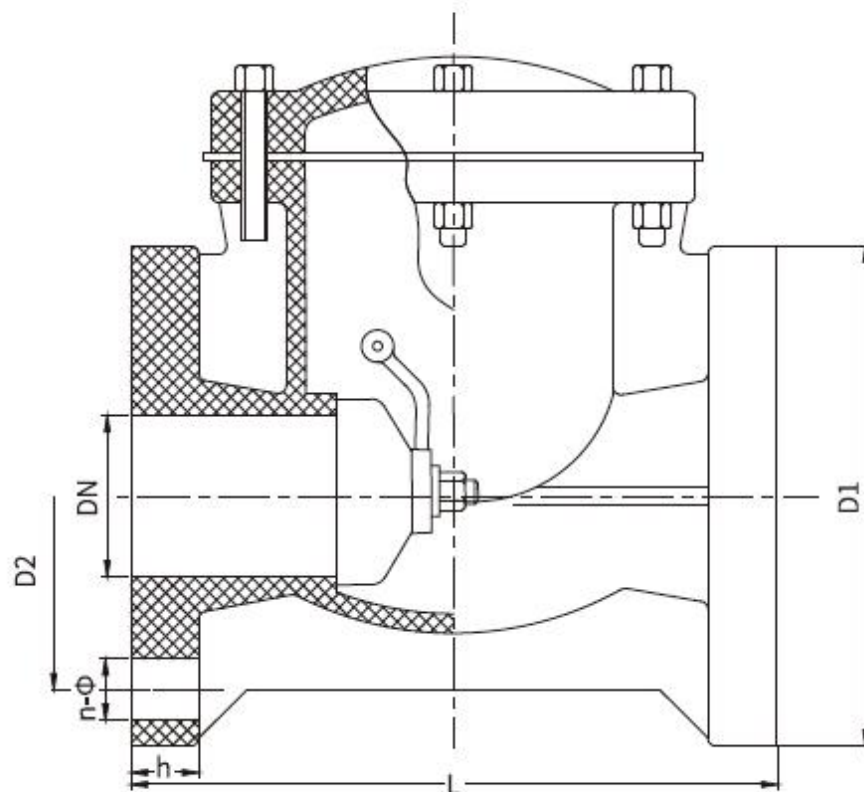


Specifications

Model	ATO-H44F-10S
Check Valve Type	Swing
Nominal Diameter	1/2 inch - 12 inch
Drive Mode	Manual
Working Pressure	10kg/16kg
Pressure Environment	Low Pressure
Type (Channel Position)	2 Ways
Flow Direction	One Way
Body Material	CPVC
Connection Form	Flange
Applicable Medium	Acid-Base concentration higher than 30%, lower than 60%, except hydrochloric acid.

Dimensions (Unit: mm)



DN	D1	D2			L	h	N-φ			KG
		GB	JIS	ANSI			GB	JIS	ANSI	
25 (1")	115	85	90	3.13	160	18	4-φ 14	4-φ 19	4-φ 16	1.85
32 (1-1/4")	145	100	100	3.45	170	20	4-φ 18	4-φ 19	4-φ 16	2.95
40 (1-1/2")	145	110	105	3.88	170	20	4-φ 18	4-φ 19	4-φ 16	2.932
50 (2")	160	125	120	4.74	200	21	4-φ 18	4-φ 19	4-φ 19	3.813
65 (2-1/2")	180	145	140	5.49	240	25	4-φ 18	4-φ 19	4-φ 19	5.188
80 (3")	197	160	150	6	265	26	4-φ 18	4-φ 19	4-φ 19	6.3
100 (1")	215	180	175	7.5	300	26	4-φ 18	4-φ 19	4-φ 19	11.625

CPVC Swing Check Valve

125 (5")	250	180	175	8.5	350	30	4- ϕ 18	4- ϕ 23	4- ϕ 22	17
150 (6")	280	240	240	9.51	400	30	4- ϕ 23	4- ϕ 23	4- ϕ 22	26.3
200 (8")	340	295	290	11.75	500	30	4- ϕ 23	4- ϕ 23	4- ϕ 22	35.2
250 (10")	390	350	355	14.25	575	38	12- ϕ 23	12- ϕ 23	12- ϕ 22	48
300 (12")	440	400	400	17	575	38	12- ϕ 23	12- ϕ 23	12- ϕ 22	52.5

Tips for Using a CPVC Swing Check Valve

CPVC swing check valves are commonly used in plumbing systems to prevent backflow of water and other fluids. Here are some tips for using a CPVC swing check valve:

1. Install the valve in the correct orientation: Check valves are designed to allow flow in one direction and prevent backflow in the opposite direction. Make sure to install the valve in the correct orientation, with the arrow on the valve body pointing in the direction of flow.
2. Use the correct size valve: Ensure that the valve you are using is the correct size for your piping system. Using an undersized valve can result in increased pressure drop and decreased flow rate while using an oversized valve can result in poor sealing and leakage.
3. Properly support the valve: CPVC swing check valves should be properly supported and secured to prevent movement or vibration that can cause damage or leaks.
4. Maintain the valve: Regular maintenance is important to keep the valve functioning properly. Inspect the valve regularly for signs of wear, damage or corrosion. Replace any damaged or worn parts as necessary.
5. Install the valve in a suitable location: Install the valve in a location that is easily accessible for maintenance and inspection. Avoid installing the valve in areas that are subject to extreme temperatures or corrosive environments.
6. Follow manufacturer's instructions: Always follow the manufacturer's instructions for installation, operation, and maintenance of the valve. This will help ensure the proper functioning and longevity of the valve.