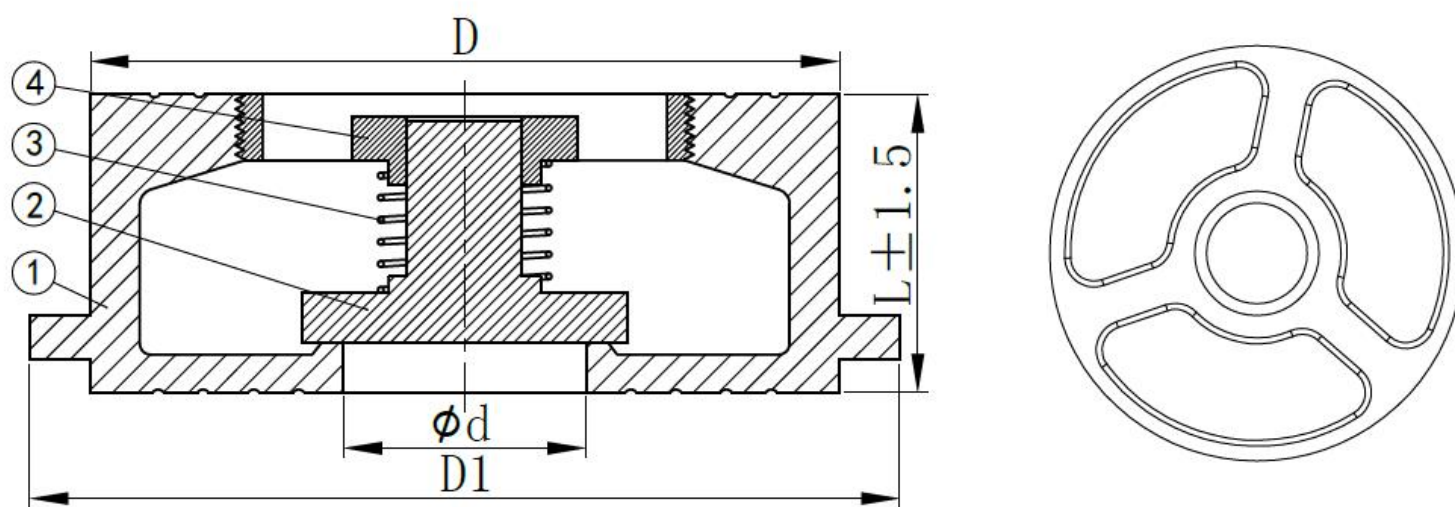


Specifications

Model	ATO-H71W
Check Valve Type	Wafer
Nominal Diameter	1/2 inch - 8 inch
Working Pressure	4 MPa
Material	304/316 Stainless Steel
Connection Form	Clip
Temperature Range	-20°C~180°C
Applicable Medium	Water, Oil, Gas, Nitric Acid, Acetic Acid

Dimensions (Unit: mm)



Main Part Materials

NO.	Part Name	Materials	QTY
1	Body	CF8/CF8M	1
2	Disc	CF8/CF8M	1
3	Spring	S201/S304	1
4	Cap	CF8/CF8M	1

Main Size

Size	DN	∅ d	D	D1	L±1.5	KG
1/2"	15	16	49	54	29	0.22
3/4"	20	17	50	54	29	0.25
1"	25	21	67	68	27	0.420
1-1/4"	32	29	76	80	40	0.64
1-1/2"	40	38	87	90	34	0.8
2"	50	48	100	105	41	1.135
2-1/2"	65	62	118	125	54	1.855
3"	80	77	138	140	59	2.465
4"	100	95	155	159	65	2.93
5"	125	115	177	196	78	4.63
6"	150	135	202	210	95	6.925
8"	200	180	260	270	105	11.84

How to Choose a Wafer Check Valve?

When choosing a wafer check valve, it is important to consider several factors to ensure that the valve is appropriate for the specific application. Here are some key factors to consider:

1. Size and pressure rating: The valve must be sized correctly to match the pipe diameter and fluid flow rate. Additionally, it must be able to withstand the system pressure without failure.
2. Type of valve: There are different types of wafer check valves, including swing check valves, lift check valves, and tilting disc check valves. Each type has its own advantages and disadvantages, and the selection will depend on the specific application requirements.
3. Material of construction: The valve should be made of materials that are compatible with the fluid being transported and the surrounding environment. Common materials include stainless steel, PVC, and ductile iron.
4. Flow characteristics: The valve should be selected based on the flow characteristics of the system. For example, a swing check valve may be more suitable for low flow rates, while a tilting disc check valve may be better suited for high flow rates.
5. Installation requirements: The valve must be installed correctly to ensure proper operation. Considerations such as the valve's orientation, the need for flange gaskets, and the required torque for bolting should be taken into account.

By considering these factors, you can select a wafer check valve that will provide reliable and efficient operation for your specific application.