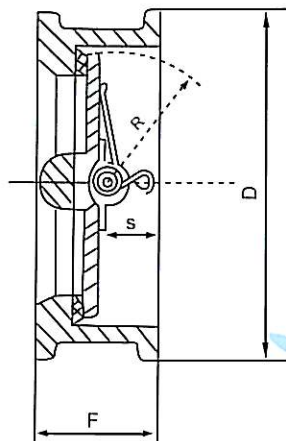
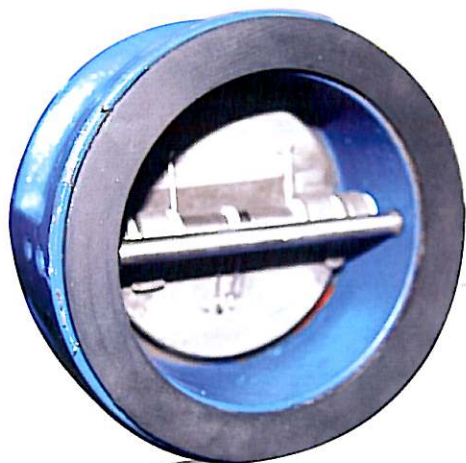


# ALFRAN<sup>TM</sup>

## CAST IRON DOUBLE DOOR WAFER CHECK VALVE



**Overall & Installation Dimensions & Weight**

### Description

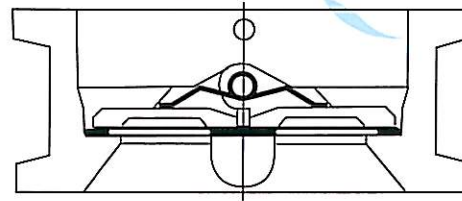
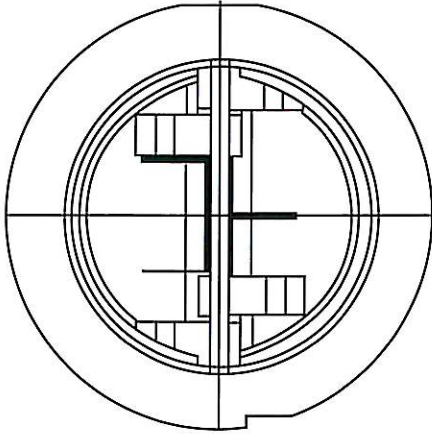
- Small in size, light in weight, compact in surface, easy in maintenance.  
The quick-close action prevents the medium from flowing back and eliminate water hammer effect.
- The valve is short in length, so that it is rigid and easy to mount.
- The valve is tightly sealed, with no leakage under the pressure water test. Safe and reliable in operation.
- Connection flanges can be made of either cast iron or flat-widged steel. The connection dimensions of flanges accord with the standards of GB2555-18.
- This product has such characteristic as excellent retaining performance, high safety and reliability and low flow resistance, applicable for systems in the industries of petrochemical, food processing, medicine, textile, paper making, water supply and drainage, metallurgy, energy and light industry.

### Dimensions

Nom.Dia.	Valves			Diameter of Flanges			Weigh (kg)
	F	R	S	BS10 Tables E	JIS 10K	BS4504 PN16	
DN	F	R	S	D	D	D	
50	43	28.8	19	98	104	107	1.5
65	46	36.1	20	111	124	127	2.4
80	64	43.4	28	130	134	142	3.6
100	64	52.8	28	161	1159	162	5.7
125	70	65.7	30	193	190	192	7.3
150	76	78.6	31	215	220	218	9.0
200	89	104.4	33	273	270	273	17
250	114	127	45	336	333	329	26
300	114	147	45	384	378	384	42
350	127	173	50	447		444	5
400	140	198	54	498		496	75

## Specification

Suitable for fitting between flanges to BS4504 PN10/16, ANSI B16.1 Class 125 and BS 10 Table D/E.  
 Suitable for mounting in horizontal and vertical pipelines (refer to installation instruction).



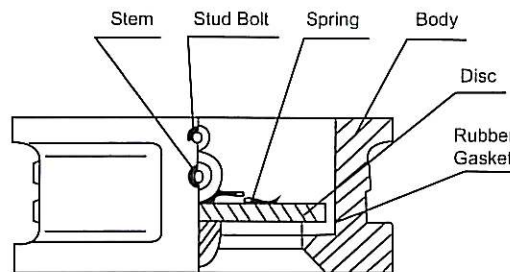
↑  
FLOW

## Horizontal Pipelines

In this plane the valve must be installed with the disk shaft in the vertical position.

## Vertical Pipelines

As standard the valve must be installed with the flow up. Additional pressure drop can be expected due to the weight of the disks.



No.	Name	Material
1.	Body	Cast Iron, Carbon Steel
2.	Stem	Stainless Steel
3.	Disc	Brass, Ductile Iron, Stainless Steel
4.	Sealing	NBR, Neoprene, EPDM
5.	Spring	Spring Steel, Stainless Steel

## Technical Data

Nominal Diameter (mm)		DN50 - DN400	DN50 - DN300
Nominal Pressure (MPa)		1.0	1.6
Test Pressure (MPa)	Shell Test	1.5	2.4
	Sealing Test	1.1	1.8
Working Temperature		-10°C ~ +150°C	
Applicable Medium		Fresh Water, Sewage, Sea Water, Salt Water, Air Vapour, Food, Medicine, Oils, Acids, etc	