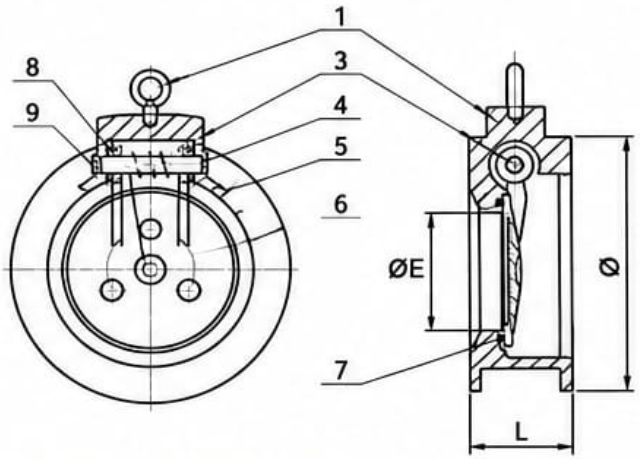
Single Disc Swing Check Valve





Product Overview

Single Disc Swing Check Valve is a non-return valve that allows flow in one direction and automatically prevents reverse flow. It is a compact, reliable and low-maintenance solution for a wide range of industrial applications.



Parts and Material

No.	Part	Material
1	Body	GG25 / GGG40 / SS304 / SS316
2	Ring	Steel
3	Axle	SS304 / SS316
4	Spring	Stainless Steel
5	Gasket	PTFE
6	Disc	WCB / SS304 / SS316
7	Seat Ring	NBR / EPDM / VITON
8	Gasket	NBR
9	Screw	Steel

Technical Specification

Working Pressure	1.0 MPa / 1.6 MPa / 2.5 MPa
Working Temperature	NBR : 0 °C to +80 °C EPDM : –10 °C to +120 °C VITON : –20 °C to +180 °C
Face to Face	ANSI 125/150
Flange Standard	EN 1092-2, ANSI 125/150, etc.
Testing Standard	DIN 3230, API 598
Applicable Media	Fresh water, sea water, food stuff, all kinds of oil, acid, alkaline liquid, etc.

Features

- Compact and simple design
- Reliable non-return function
- Low pressure drop
- Quick and automatic closure
- Suitable for horizontal or vertical installation

Dimensions

Unit: mm

DN (mm)		50	65	80	100	125	150	200	250	300	350	400
L (mm)		44.5	47.6	50.8	57.2	63.5	69.9	73.0	79.4	85.7	108	108
ØE (mm)		33	43	52	76	95	118	163	194	241	266	318
Ø (mm)	PN10	107	127	142	162	192	218	273	328	378	438	489
	PN16	107	127	142	162	192	218	273	329	384	446	498