

# DISC CHECK VALVES

Evo Disc check valves are also known as a Non-Slam Check Valves and are one of the type of non-return valves. Disc check valves are used in pipelines to prevent back-flow of the fluid, which are designed to fit between two flanges. These valves provide a compact installation as compared to the conventional flanged end check valves.

The Non-Slam Check valves are suitable for the applications in various types of industries such as Fertiliser, Power Generation, Chemical and Petro Chemical, Water and Waste water treatment, Textile, Pharmaceutical, Boiler, Food & Beverages and many more. These valves are used in process lines, hot & cold water systems, heating systems, stem and condensate lines, oil lines. (Not recommended for Pulp lines and slurry lines).

The Disc Check valves have short face-to-face length when compared to the standard Flanged End Check Valves. The size and weight are considerably reduced. The great cost effective advantages for this type of valve are easy installation, handling, transportation and storing.



FEATURES	STANDARDS
DESIGN	Manufacturer's Standard
FACE TO FACE	Manufacturer's Standard
END CONNECTION	WAFER TO SUIT BETWEEN FLANGES ASME B16.5
TESTING	API 598
SIZE RANGE	15mm to 200mm

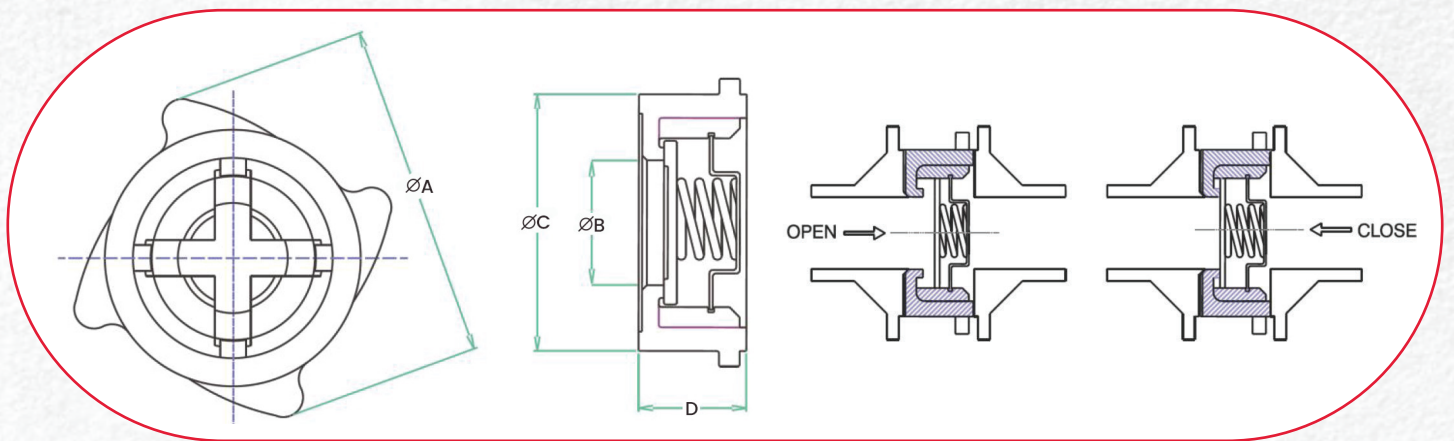
OPERATING CONDITIONS	
Maximum operating pressure	110 KG / CM <sup>2</sup>
Maximum operating Temp	400 °C

## Features

- ✓ Light Weight as compared to flanged end valves.
- ✓ Easy to install and maintain.
- ✓ Compact design which requires little space in pipes.
- ✓ Extremely low operating pressures.
- ✓ Cam design on body diameter enables self centering during installation.
- ✓ Can be mounted horizontal or vertical.
- ✓ Lapped seats to provide tight shut-off.
- ✓ Soft seat option available.
- ✓ Testing in accordance with API 598.
- ✓ Suitable for wide variety of liquids, gases and vapors.

## BILL OF MATERIALS

PART NAME	
BODY	CF8 / CF8M / CF3M / 4A / 5A
DISC	CF8 / CF8M / CF3M / 4A / 5A
SEAT	METAL-TO-METAL / PTFE / EPDM / VITON / SILICON
SPRING	AISI SS304 / SS316 / INCONEL X750 / X718
SPRING RETAINER	SS 316



Valve Size	In INCH	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
	In MM	15	20	25	40	50	65	80	100	125	150	200
<b>A</b>		60	70	80	100	115	142	150	184	194	250	320
<b>B</b>		12.5	19	25	38	50	63	75	100	123	150	200
<b>C</b>		38	45	55	79	92	108	123	143	172	202	254
<b>D</b>		17	20	23	33	41	46	49	61	85	105	140

### Note:

- All dimensions are in mm unless otherwise specified.
- Data shown here above is subject to change without notice as a part of continuous improvement of products.

## CONTACT US

### EVOLUTION ENGETECH PVT LTD

+91-88118 86868, +91-99090 05566

info@evovalves.com, sales@evovalves.com www.evovalves.com

Plot No. 10, Prince Industrial Hub, Kuha, Daskroi, Ahmedabad - 382433, Gujarat (India)