

# C19

## Dual Plate Check Valve

### Product Description

DENZ-C19 Dual Plate Check Valve is an all purpose non return valve that is much stronger, lighter in weight and smaller in size compared to a conventional swing check valve or life check valve. C19 Double Plate Check Valve employs two spring-loaded plates hinged on a central hinge pin.



### Application Areas

- Steam
- Hot & cold water
- Power & heat engineering
- Pressurized Air
- Industrial technologies

### Production References

Size Range	DN50 - DN800
Pressure Range	PN10/16
Temperature	EPDM: +80°C NBR: 60°C VITON: 120°C
Face to face	EN 558 Series 16
Connection	Wafer type - EN1092-2
Coating	Electrostatic Powder Epoxy
Testing	EN 12266-1
Marking	EN 19



HVAC

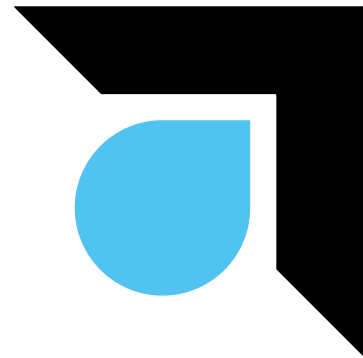


Potable Water



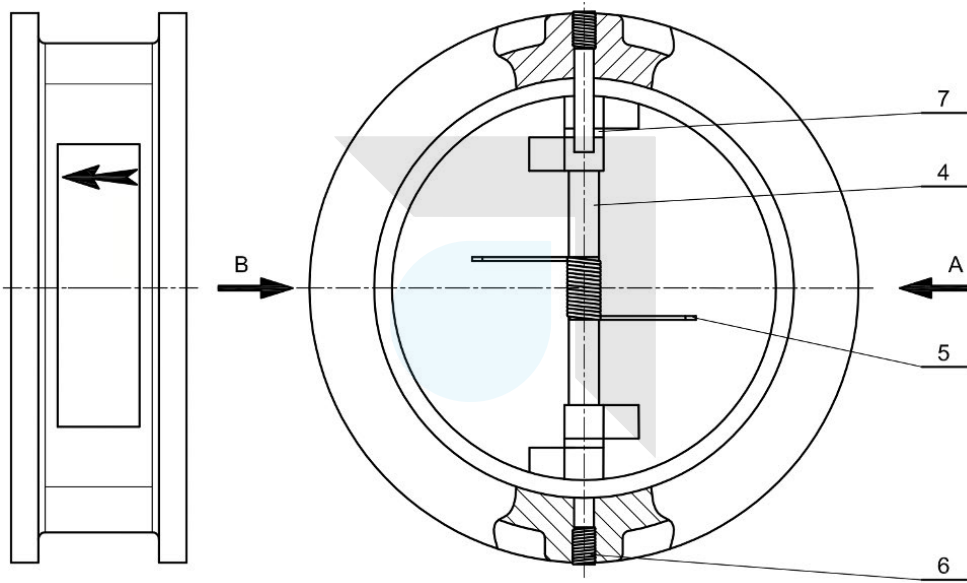
## Product Features

- Due to its light weight and ease of installation, dual plate check valves can be installed more easily and require less maintenance.
- There is a spring-torque control mechanism on the valve that enables it to open smoothly without any friction.
- A long service life makes it easy to preserve and repair the valve.
- Their application ranges from heating and cooling to liquid, gas, and steam.
- Besides steam and condensate pipes, check valves can also be used in water supply, oil, and natural gas pipelines.
- Horizontal or vertical installation is possible with the dual check valve valve.
- It is possible to install them at any position with the help of the appropriate springs.
- To prevent corrosion and rust from occurring, the shaft of the valve is made of stainless steel material.
- The seat surfaces are self-seating, reducing dragging.
- When flow is determined in the system, expanders shorten and halves discs and allow fluid to flow between the disc and the body.
- With disc spring force, the disc sits on the EPDM sealing rings on the body when the flow stops.
- Easily installed between two flanges due to its short installation length and eye screw (hook).
- There is no need to perform any maintenance on the valve.
- 100% of the valves are subjected to Hydrostatic tests according to EN 12266-1. Pressure for seat: PN x 1.1 , for shell: PN x 1.5





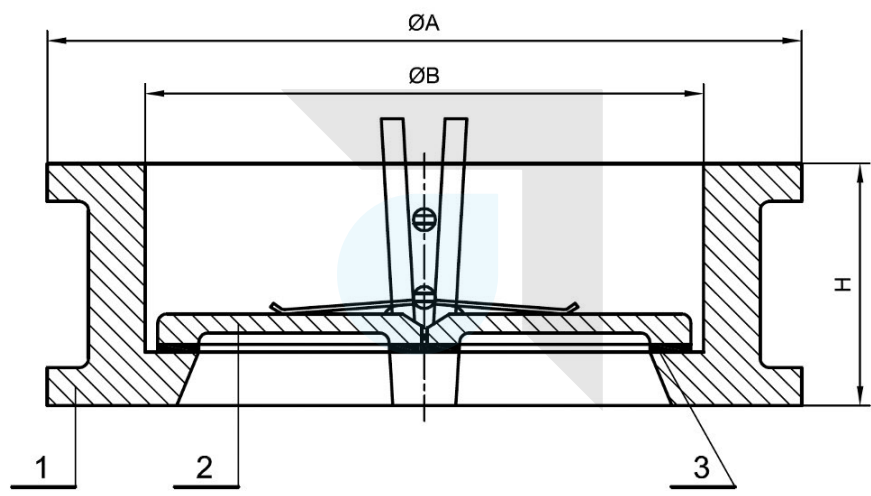
Material List



#	Part	Material
1	Body	Cast Iron GG25 / Ductile Iron GGG40
2	Disc	Stainless Steel AISI 304/316
3	Sealing	EPDM
4	Hinge Pin	Stainless Steel AISI 304/316
5	Spring	Stainless Steel AISI 304/316
6	Retainer Screw	Carbon Steel
7	Disc Bearing	Teflon



Dimensions



DN	A	B	H
50	109	70,5	54
65	129	83,5	54
80	144	90,5	57
100	164	115,5	64
125	194	142,5	70
150	220	169,5	76
200	275	220,5	95
250	330	275,5	108
300	380	325,5	144
350	440	356	184
400	491	406	191
450	541	467	203
500	596	514	213
600	697	616	222

Units: mm / indicative dimensions & weights