L01

L01 107 class300/CF8M DN40-DN200
Check valve swing wafer

ISO 9001
BUREAU VERITAS
Certification

Size :	DN40 to DN200
Ends :	Between flanges class300
Min Temperature :	- 10°C
Max Temperature :	CF8M / CF8M in 450°C
Max Pressure :	class 300
Specifications :	Wafer swing check valve Vertical or horizontal position Between flanges type
Materials :	Stainless steel

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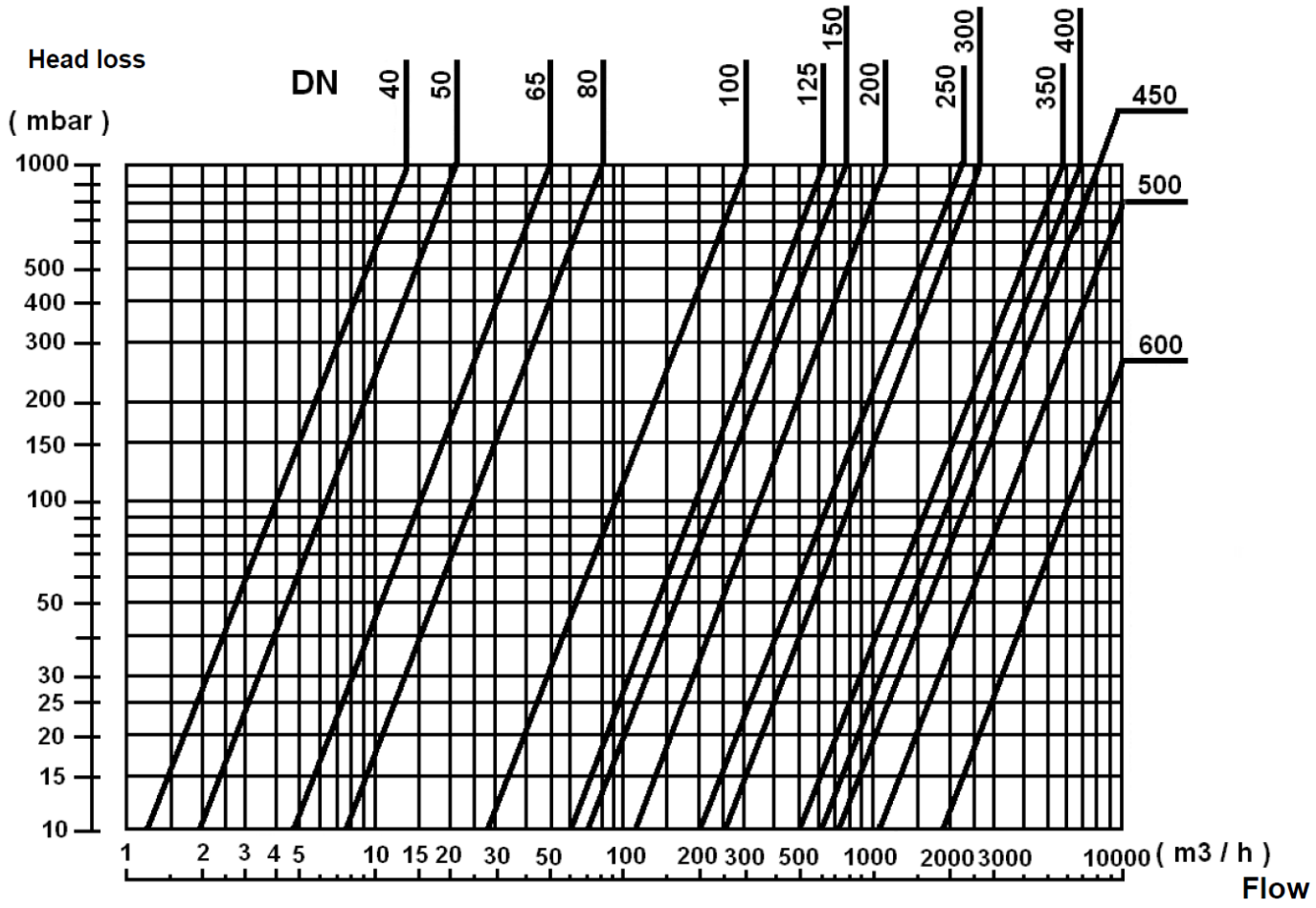
SPECIFICATIONS :

- Wafer swing check valve
- Vertical position with ascendant fluid or horizontal position (respect the flow direction indicated by the arrow)
- Between flanges class 300
- With hoisting eye
- Short length
- Economical solution
- Monobloc disc and stem for a better mechanical strength
- Integrated body gasket

USE :

- Heating, water, steam distribution and watering
- **Min and max Temperature Ts : - 10°C to + 450°C for stainless steel - stainless steel**
-

HEAD LOSS GRAPH :



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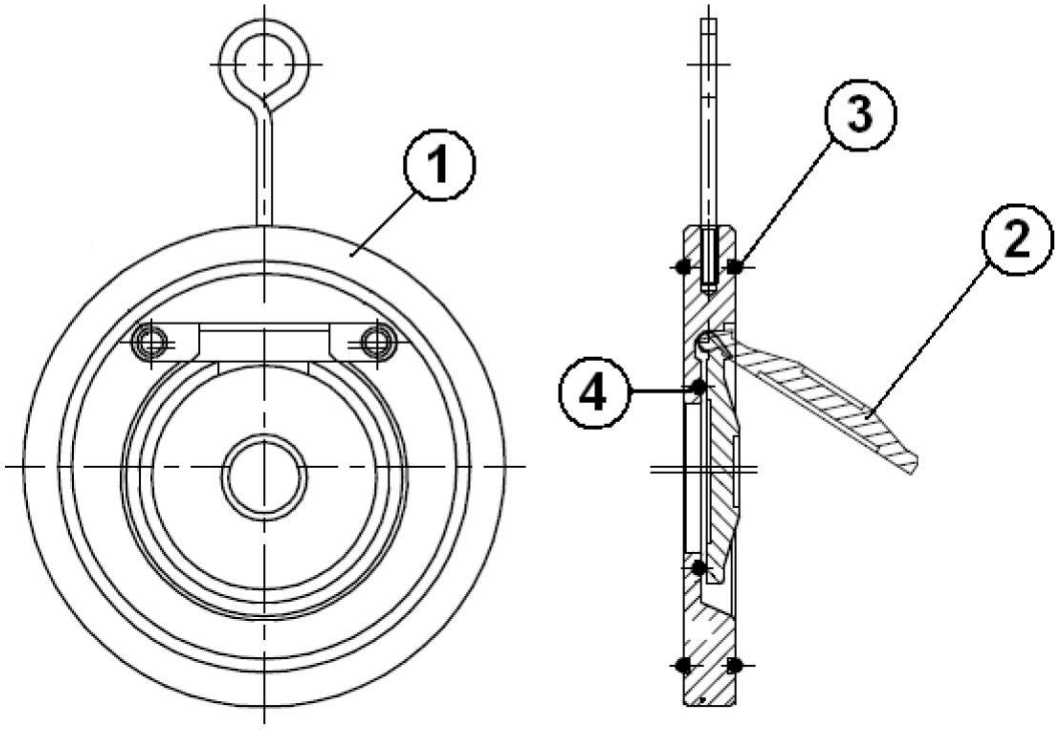
MATERIALS :



Item	Designation	Materials 365
1	Body	ASTM A351 CF8M
2	Disc	ASTM A351 CF8M
3	Seat	CF8M
4	Gasket	CF8M

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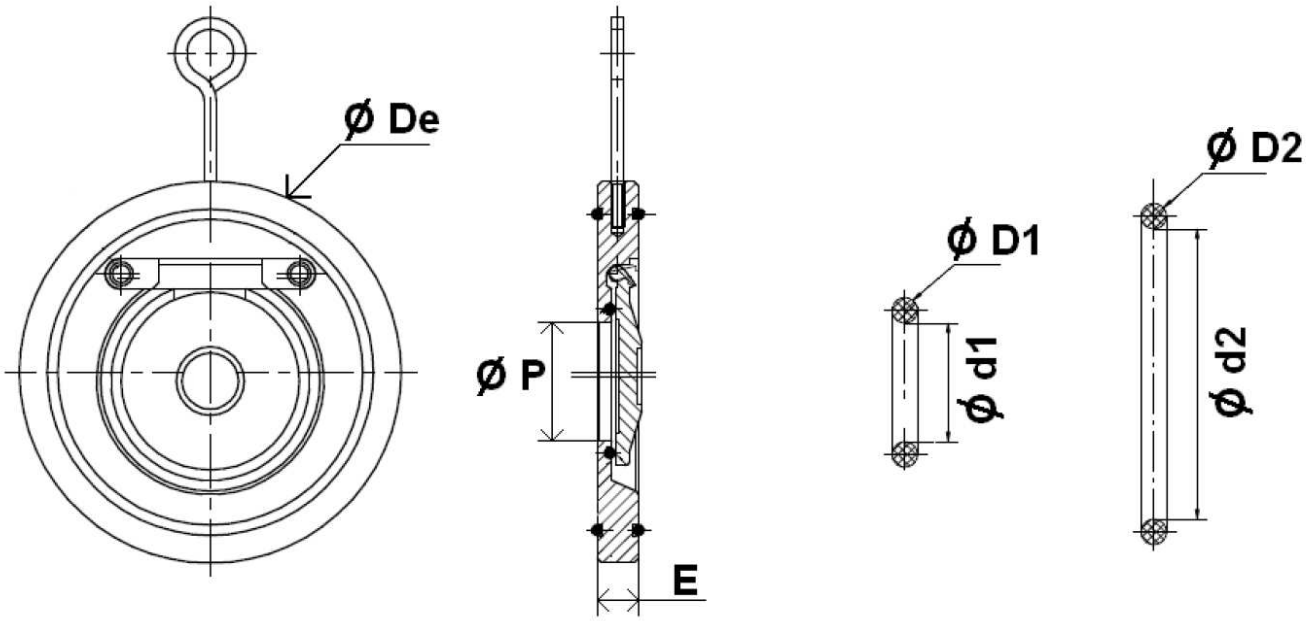
SIZE BETWEEN class300 FLANGES TYPES (in mm) :



Ref.	DN	40	50	65	80	100	125	150	200
365	E	14	14	14	14	18	18	20	22
	Ø De	94	109	129	144	164	194	220	275
	Ø P	22	32	40	54	70	92	112	154
	Ø d2	73.5	84.5	104.5	112.5	140.5	164.5	193.5	249.5
	Ø D2	3.5	3.5	3.7	3.7	3.7	3.5	3.7	3.7
	Ø d1	26.5	36.5	49.5	62	76.5	97.5	118.5	163.5
	Ø D1	2.35	2.35	2.7	2.7	3.7	3.5	3.5	3.5

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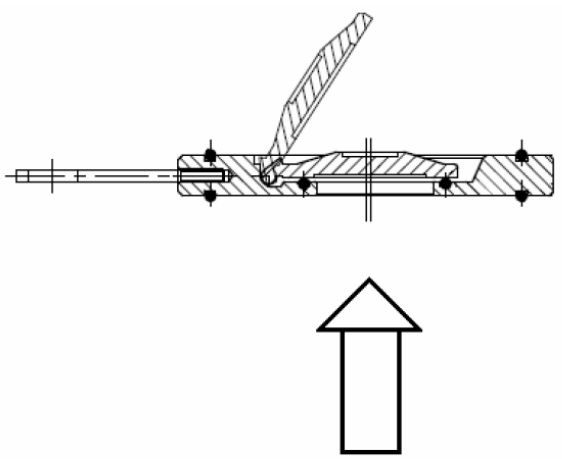
STANDARDS :

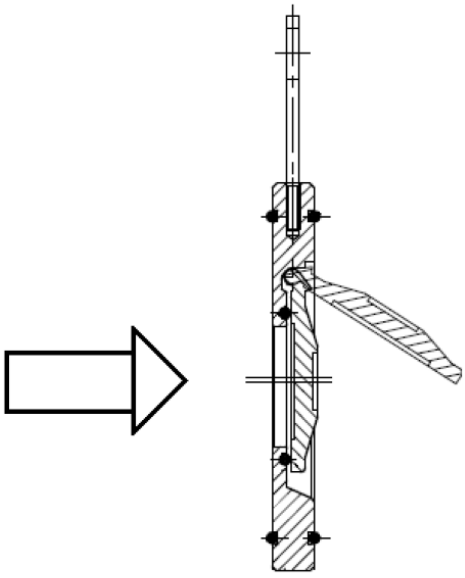
- Fabrication according to ISO 9001: 2008
- Designing according to API 594
- Pressure tests according to API 598, table 6
- DIRECTIVE 97/23/CE : Products excluded (article 1, § 3-2)
- Length according to EN 558 series 97 (NF 29377)

INSTALLATION POSITIONS :

Vertical position (ascendant fluid)



Horizontal position



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INSTALLATION INSTRUCTIONS

GENERAL GUIDELINES :

- Ensure that the check valves to be used are appropriate for the conditions of the installation (type of fluid,pressure and temperature).
- Be sure to have enough valves to be able to isolate the sections of piping as well as the appropriate equipment for maintenance and repair.
- Ensure that the valves to be installed are of correct strenght to be able to support the capacity of their usage.

INSTALLATION INSTRUCTIONS :

- **Before installing the check valves, clean and remove any objects from the pipes** (in particular bits of sealing and metal) which could obstruct and block the valves.
- **Ensure that both connecting pipes either side of the check valve (upstream and downstream) are aligned (if they're not,the valves may not work correctly).**
- **Make sure that the two sections of the pipe (upstream and downstream) match, the check valve unit will not absorb any gaps.Any distortions in the pipes may affect the thightness of the connection,the working of the check valve and can even cause a rupture.**To be sure,place the kit in position to ensure the assembling will work.
- Make sure there is enough space so that the disc can be opened totally in the pipe.