



Material and Manufacturing Standard

- The drilling of flanges is according to DIN 2501
- The structure length of the valve is according to DIN 3202 F1
- Screen from SS 304
- Sealing gasket made of graphite material.

Coating Specifications

- Both inner and out part is fusion bonded epoxy coating
- high-quality thermosetting epoxy powder coating for the corrosion protection .
- the thickness up to 250µm .

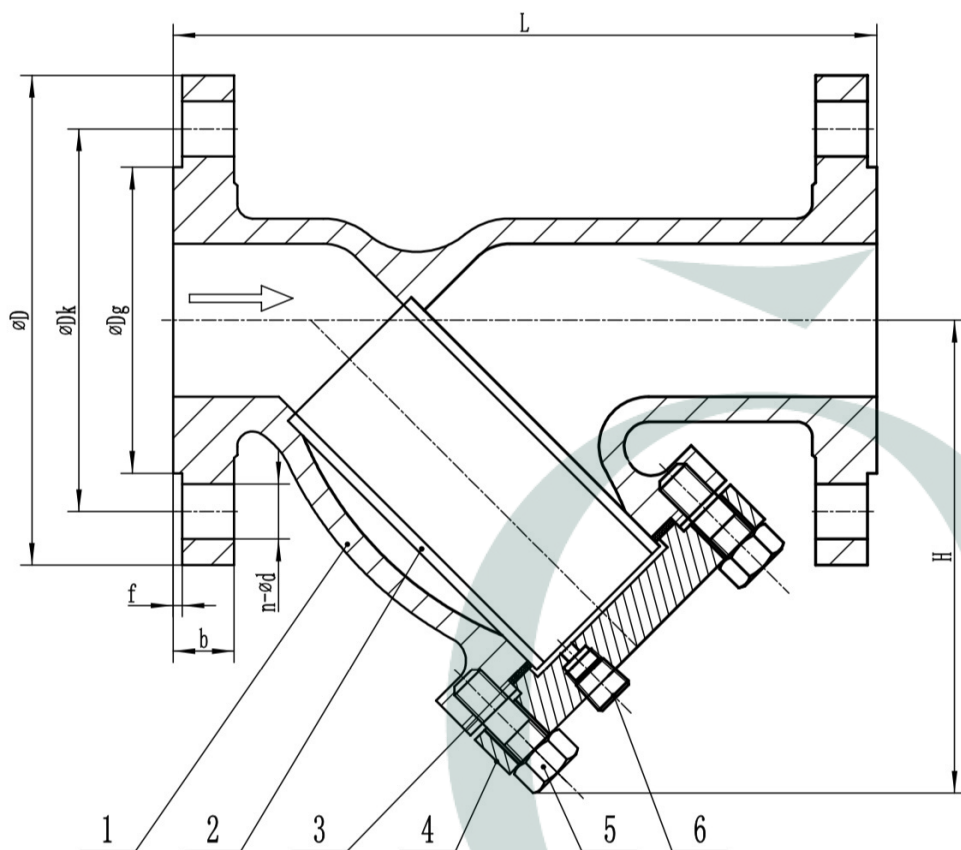
Applications:

- water treatment
- water supply and drainage
- petroleum

BARIQ Y-Strainer 5000 Features

- The body is ductile iron, high level than national standard. Tensile strength is 450Mpa, elongation is large than 10% .
- The screen is 304 steel plate punching, rolling, laser welding, It is protected with additional corrosion-resistant layers.
- Sealing gasket made of graphite material.
- Bariq Strainer designed to reduce the fluid resistance coefficient of the strainer. The diameter and length of the screen increased to increase the effective filtration area of the screen and reduce the pressure loss .
- The valve cavity becomes larger, and the circulation area between the screen and the inner wall of the valve body is more than half of the flow channel area, which effectively improves the utilization rate of the mesh at the back of the screen and reduces the pressure loss.

Technical Specification



Bariq 5000 Parameters

Part Number	DN	L	D	DK	d	n	Dg	f	b	H	Weight (Kg)
5050	50	230	165	125	19	4	99	3	20	130	9.0
5065	65	290	185	145	19	4	118	3	20	145	15.0
5080	80	310	200	160	19	8	132	3	22	170	18.0
5100	100	350	220	180	19	8	156	3	24	200	23.0
5125	125	400	250	210	19	8	184	3	26	240	34.0
5150	150	180	285	240	23	8	211	3	26	275	47.0
5200	200	600	340	295	23	12	266	3	30	350	82.0
5250	250	730	405	355	28	12	319	3	32	430	126.0
5300	300	850	460	410	28	12	370	4	32	540	195.0
5350	350	980	520	470	28	16	429	4	36	630	267.0
5400	400	1100	580	525	31	16	480	4	38	730	372.0

Material Specification

NO	Name	Material
1	Body	GGG40
2	Screen	ss304
3	Body Gasket	Graphite
4	Cover	GGG40

Inspection Specifications

Nominal Pressure	1.6MPa
Shell Test pressure	2.0MPa
Working Temperature	-10 ~ 200°C
Medium	water - Gas -oil

Coating Specifications

- Both inner and out part is epoxy coating, the thickness up to 250µm .

Mesh Size

DN50 Up To 150	1.5mm
DN200 Up To 350	2.5mm
DN400 Up To 600	3.5mm