



## S10 Basket Strainer

### Product Description

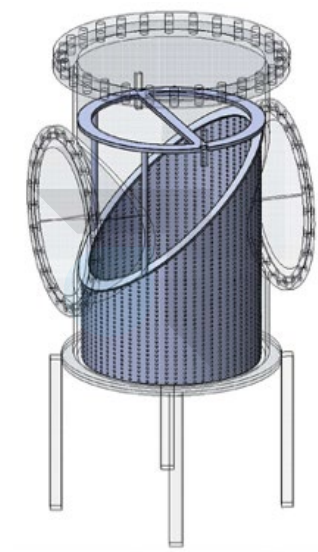
DENZ S10 Basket Strainer contains a mesh screen to filter foreign objects from a horizontal pipeline. These particles are subsequently should be eliminated from the strainer and won't enter pumps, valves, and traps that are further down the line.

To prevent equipment from being harmed by any undesirable debris that may be present in the pipeline, basket strainers are installed. Dirt or other foreign particles that find their way into the process fluid might be considered the undesirable debris. Basket strainers are typically deployed in horizontal pipes and in circumstances requiring high flow capacity.



### Application Areas

- Water & Wastewater Systems
- Pumping Stations
- Seawater Applications
- Tanks & Reservoirs
- Chamber Installation

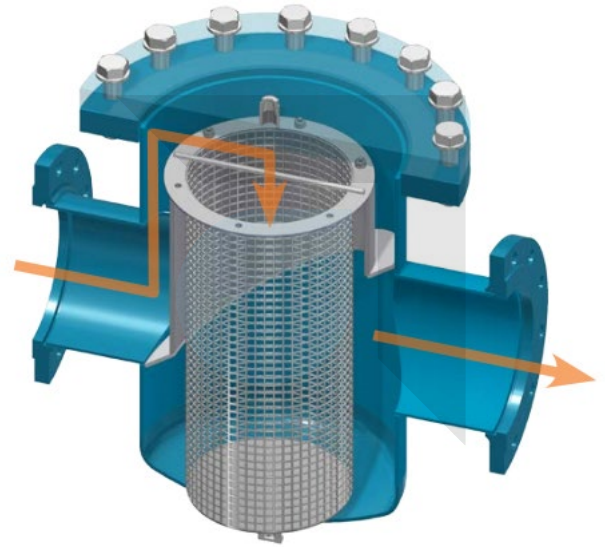




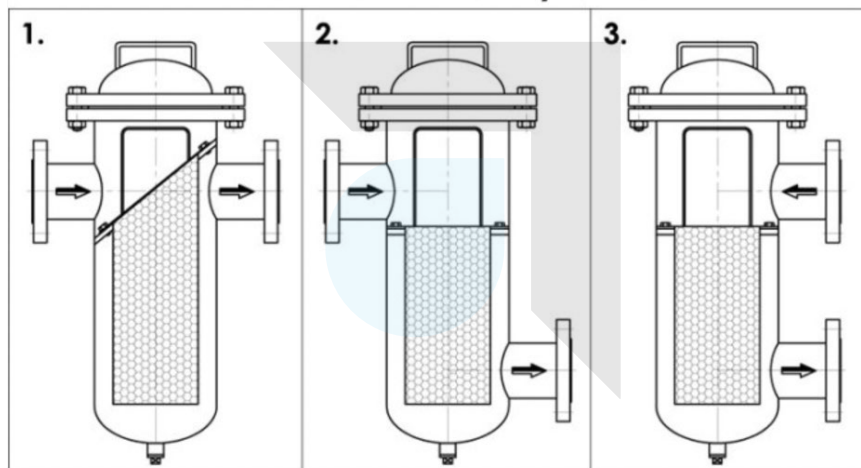
## Product Features



- They come with a range of end connections, including as welded, threaded, and flanged
- Other screens are available upon request, but standard screens are given for either steam service or WOG (water, oil, and gas) service.
- The cover piece must be removed to change/clean the screen mesh filter.
- A cover lifting hook-equipment can be adapted to this model. Especially for larger sizes.
- Widely used water, waste water and agricultural purposes
- For basket type strainers, the flow should be horizontal, and the cover should be upside down.
- Since there is a discharge nut is on the lower body, it is simple to clean as necessary. Attaching a ball valve to the discharge nut is optional.
- Can be produced with double baskets
- Modular design allows for flexible combinations of filter surfaces and flange connections.
- Support legs can be adapted to the model
- Quick-release clamp can be adapted to the model on request.

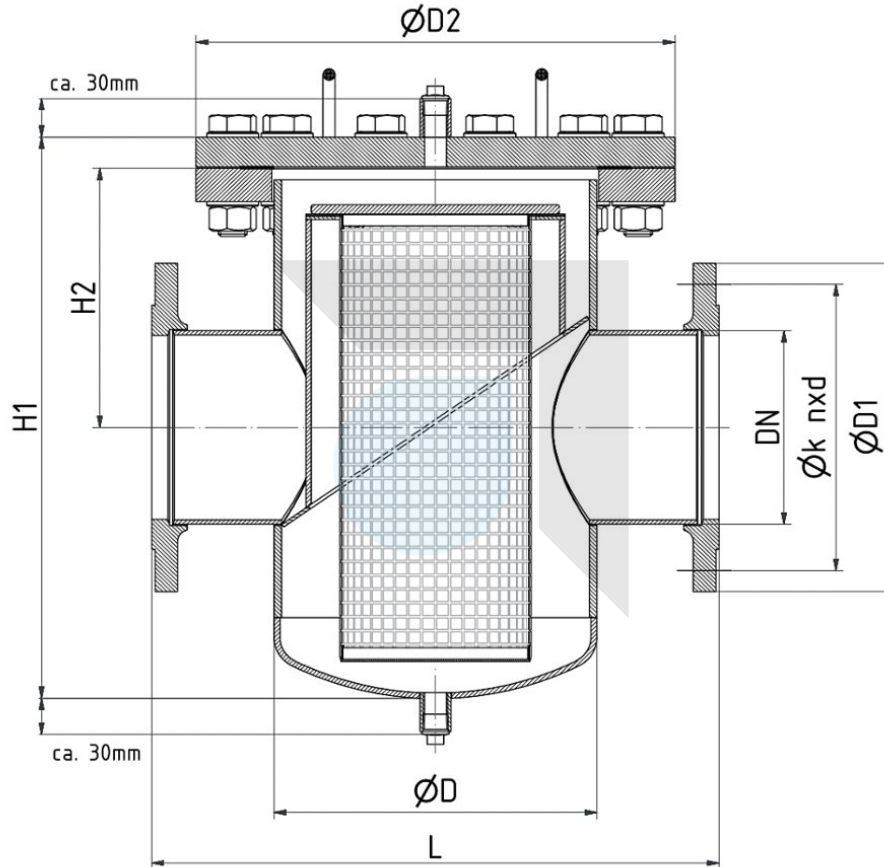


### Basket Strainer Options

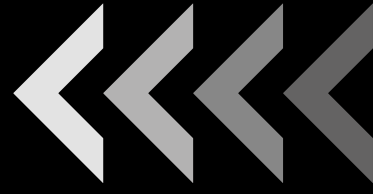




Materials



Part	Material
Body	ST37 Steel
Bonnet	ST37 Steel
Filter	Stainless Steel AISI 304 / AISI 316
O-Ring	EPDM, NBR
Washer	Galvanized Steel 8.8 / Stainless Steel A2/A4
Bolt	Galvanized Steel 8.8 / Stainless Steel A2/A4
Nut	Galvanized Steel 8.8 / Stainless Steel A2/A4
Discharge Nut	Stainless Steel AISI 304 / AISI 316



## Dimensions

DN	PN	H1	H2	L	ø D	E1	E2	k	n × d	ø D1	ø D1	ø D2
50	10	255	145	230	114,3	½"	½"	125	4 × ø18	165	220	220
	16							125	4 × ø18			
65	10	300	168	290	139,7	½"	½"	145	(4)8 × ø18	185	250	250
	16							145	(4)8 × ø18			
80	10	330	183	310	168,3	½"	½"	160	8 × ø18	200	285	285
	16							160	8 × ø18			
100	10	415	220	350	219,1	½"	½"	180	8 × ø18	220	340	340
	16							180	8 × ø18			
125	10	415	220	400	273	½"	½"	210	8 × ø18	250	395	395
	16							210	8 × ø18			
150	10	505	255	480	323,9	½"	½"	240	8 × ø22	285	445	445
	16							240	8 × ø22			
200	10	610	300	600	355,6	½"	¾"	295	8 × ø22	340	505	505
	16							295	12 × ø22			
250	10	700	340	730	457	½"	¾"	350	12 × ø22	395	615	615
	16							355	12 × ø26			
300	10	830	405	850	508	¾"	1"	400	12 × ø22	445	670	670
	16							410	12 × ø26			
350	10	970	460	980	610	¾"	1 ½"	460	16 × ø22	505	780	780
	16							470	16 × ø22			
400	10	1095	530	1100	711	¾"	1 ½"	515	16 × ø26	565	895	895
	16							525	16 × ø30			
450	10	1095	530	1200	711	¾"	1 ½"	565	20 × ø26	615	895	895
	16							585	20 × ø30			
500	10	1145	555	1250	711	¾"	1 ½"	620	20 × ø26	670	895	895
	16							650	20 × ø33			
500	10	1170	560	1400	813	¾"	1 ½"	620	20 × ø26	670	1015	1015
	16							650	20 × ø33			

Units: mm / indicative dimensions & weights

## Cleaning Introductions

- Utilize the drain and venting devices to release the pressure on the filter.
- Remove the cover by loosening the filter seal.
- Drain the filter through the drain mechanism at least to the level of the strainer support.
- Pull the strainer insert out of the filter housing by lifting it up. Now, the strainer can be thoroughly cleaned by blowing it out or by giving it a powerful blast of compressed air, steam, or water. If required, the strainer must be immersed in an appropriate cleaning solution and cleaned. Ultrasonic baths have been used in particular situations to produce the best cleaning results. Regardless of the cleaning method, make sure the filter mesh is not harmed.
- Check the sealing elements for wear and replace them if necessary before reassembling the filter.