

### Product Description

TVN V852 Basket Type Strainers are one of the most crucial elements on water/waste water pipeline systems which protects the valves, pumps, meters, control valves and other installation elements by filtering unwanted solid contaminants like the dust, mass particles and residue from the pipelines by means of a perforated or wire mesh based basket shaped straining element. They can be used in both sewage and clean water media as long as correct materials are selected. With its large shaped straining space, can accumulate large amount of dirt.



Technical Data	
Size range	DN250 - DN1200
Pressure range	PN10 -16 - 25
Temperature	-10°C to +200 °C
Face to face	EN 558 Series 1 / DIN3202 F1
Flange drilling	EN 1092-2 / ISO 7005-2
Coating	Electrostatic Powder Epoxy
Testing	EN 12266-1
Marking	EN 19

### Application Range

- Water & Waste Water Systems
- Pumping Stations
- Seawater Applications
- Tanks & reservoirs
- Chamber Installation

### Related Products

- V201 Swing Check Valve
- V151 Gate Valve
- V106 Flanged Butterfly Valve
- V651 Expansion Joint
- V101 Wafer Butterfly Valve



IRRIGATION

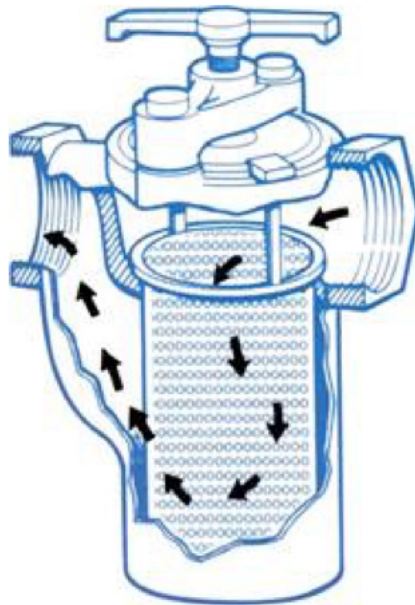


POTABLE WATER

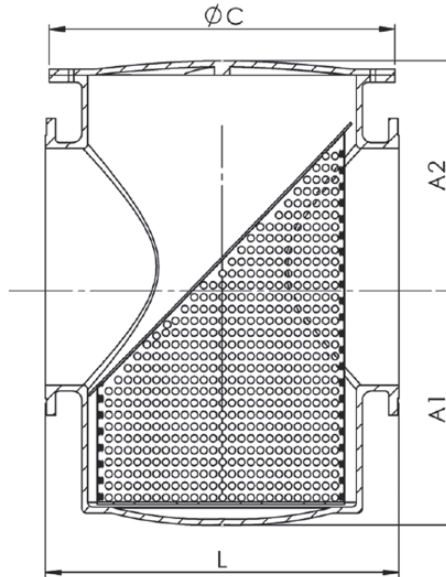
### Product Features

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- Large filtration section
- Flow should be horizontal and cover should be upside for basket type strainers
- The Stainless Steel filter material ensures longer life.
- Widely used water, waste water and agricultural purposes
- With the discharge nut located on the lower body part, easy to clean when needed. Ball valve attachment on discharge nut is optional
- By removing the cover part, screen mesh filter can be replaced
- The mesh size is precisely selected in order to be used in wide range of applications. In addition maintains a lower pressure loss. Filter mesh sizes can be changed upon request on volume based orders
- Painted internally and externally by epoxy painting



### Material List & Dimensions Table



DN	L	A1	A2	C
250	530	340	356	479
300	630	397	407	537
350	690	454	459	606
400	750	511	510	675
450	810	568	561	732
500	880	625	613	796
550	940	682	664	859
600	1000	739	715	922
650	1065	796	766	988
700	1130	853	818	1054
750	1190	910	869	1135
800	1250	967	920	1192
900	1380	1081	1023	1307
1000	1500	1195	1126	1440
1050	1575	1252	1177	1504
1100	1650	1309	1228	1569
1200	1800	1423	1331	1698

Part	Material
Body	GGG50 Ductile Iron
Bonnet	GGG50 Ductile Iron
Filter	AISI 304 / AISI 316 Stainless Steel
O-Ring	Buna-N, NBR
Washer	8.8 Galvanized Steel / AISI 304 / 316 Stainless Steel
Bolt	8.8 Galvanized Steel / AISI 304 / 316 Stainless Steel
Nut	8.8 Galvanized Steel / AISI 304 / 316 Stainless Steel
Discharge Nut	AISI 304 / AISI 316 Stainless Steel