



Basket Strainer Datasheet

MAT Strainers are a specially designed and manufactured product to serve in harsh and corrosive conditions.

MAT Strainers offer protection to pump and to the various elements of an installation, with minimized maintenance needs thanks to quick open cover for cleaning.



Description of MAT Strainers

MAT Strainers serves as a protection filter for the pump, the pipeline and the rest elements of a piping installation from suspended particles.

remaining unfiltered they may not only clog the pipes but also they can cause serious problems in the pumps and rest elements of a piping system.

Suspended particles, debris, etc can contaminate water and when

Unique Features of MAT Strainers

MAT Strainers find application to piping systems in Life Support Systems for Aquariums, in Recirculated Aquaculture Systems, and in Pool applications.

MAT Strainers are installed at the pump suction side, before pump inlet connection where water enters and is pre-filtered while flowing

through the strainer cartridge inside the strainer holder.

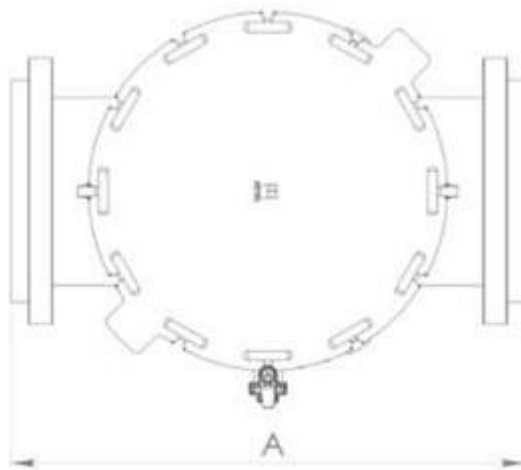
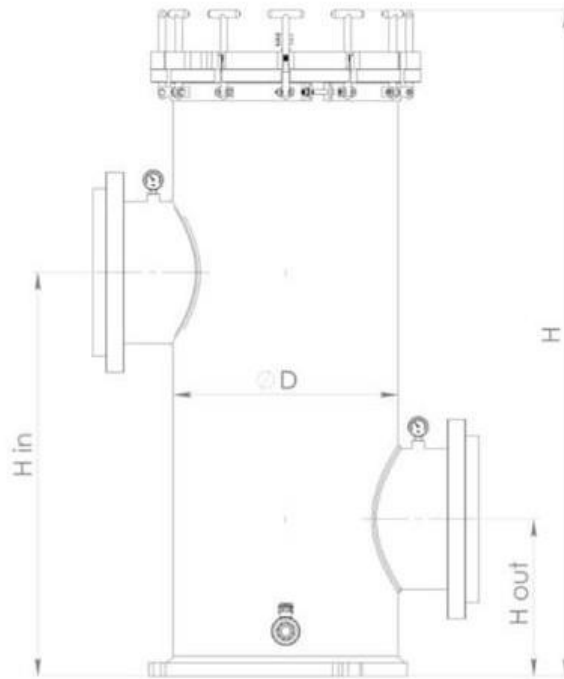
MAT Strainer mesh size is 5mm and the material used is HDPE for Strainer body and SS316 & acrylic for the cover quick open/close mechanism. HDPE is selected especially to be utilized thanks to its corrosion resistant features and its higher strength to density ratio.

MAT Basket Strainers Specifications table

Flange Size		<i>DN</i>	125	200	300	350
Height (max)	H*	<i>mm</i>	925	940	1330	1470
Inlet Level	Hin*	<i>mm</i>	460	505	775	960
Outlet Level	Hout*	<i>mm</i>	305	350	280	577
Body Diameter	ØD*	<i>mm</i>	400	400	500	500
Width (max)	A*	<i>mm</i>	630	650	760	780
Flowrate	max	<i>m³/ hr</i>	60	300	400	900
Mesh Size		<i>mm</i>	5			
Dry Weight		<i>kg</i>	50	52	113	122
Operational Weight		<i>kg</i>	125	130	290	325
Material			HDPE/Acrylic/StainlessSteel			

*with reference to the Dimensions Drawing

Dimensions of Strainer





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*Our continuous effort for direct innovation implementation may lead to a product specification and other data change.