



Ø 2 - 10 mm / 10 - 1241 m<sup>3</sup>/h

HiFlux DVS Coarse Filters are mainly used as suction filters in salt- and freshwater cooling systems for protecting pumps and heat exchangers.

The filter is manufactured in accordance with DVS 32012 (Danish Shipyard Standard).

A compact design which is supplied with straight flow as standard. The filter can also be supplied with right-left flow. For bottom intake see data sheet for DVS 32013.

The filter housing is manufactured in hot-galvanised steel and can be fitted with zinc anodes for increased corrosion protection.

The filter strainer is supplied as standard with Ø3 mm, Ø6 mm, Ø8 mm and Ø10 mm filtrations. The material is hot-galvanised steel or acid-proof steel EN 1.4404. The strainers made from hot-galvanised steel are fitted with zinc anodes for increased corrosion protection and increased life.

All filters are supplied with a ball-type air vent and a hinged bronze cover fastening.

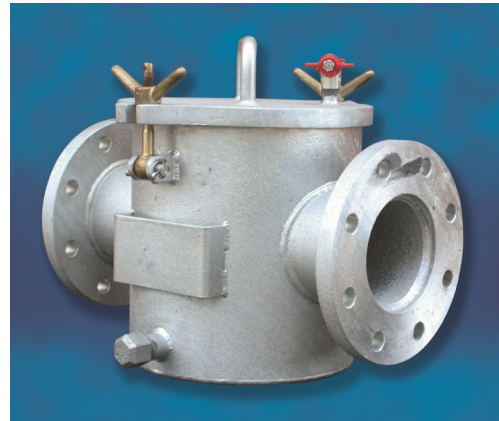
The filters are used to a large extent by shipyards as cooling water, sea water and bilge water filters and meet the requirements of all the recognised classification societies.

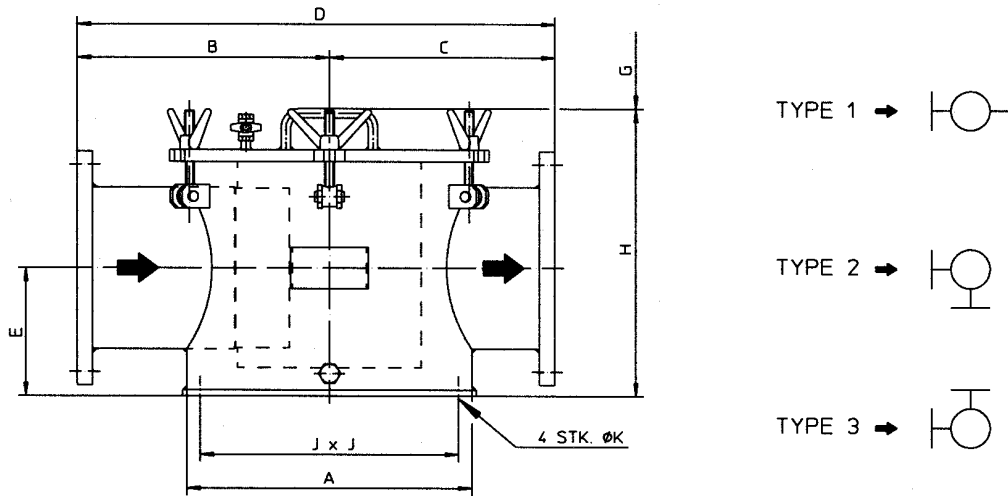
Design pressure:	2,5 bar
Testing pressure:	3,75 bar
Differential pressure clean:	0,1 bar
Max. differential pressure:	2,0 bar
Max. working temperature:	90° C.
Flange connection:	EN 1092-1
Filter housing material:	Hot galvanised steel
Strainer material:	Hot galvanised steel or acid-proof steel EN 1.4404
Degree of filtration:	Hot galvanised steel: 3-10 mm Acid proof EN 1.4404: 2-10 mm
Cover fastening:	Bronze eye bolt and wing nut, stainless steel axle

As an option zinc anodes can be fitted in the filter housing.

Special versions with other surface coatings - including epoxy-coating and vulcanised natural rubber - can be made according to specifications from the customer and classification societies.

Other special versions with regard to building-in, capacity, pressure, etc., can be made in co-operation with our design department.





Type	A	B	C	D	E	G	H	J	K	Drain cap	Airventilation valve	Connection DN	Wt. kg	No. Of fittings
32012-50	168,3	155	155	310	114	80	286			R <sub>p</sub> <sup>3/4</sup>	R <sub>p</sub> <sup>3/8</sup>	50	18	2
32012-65	193,7	170	170	340	124	100	306			R <sub>p</sub> <sup>3/4</sup>	R <sub>p</sub> <sup>3/8</sup>	65	23	2
32012-80	219,1	195	195	390	134	120	326			R <sub>p</sub> <sup>3/4</sup>	R <sub>p</sub> <sup>3/8</sup>	80	30	2
32012-100	244,5	210	210	420	142	130	342			R <sub>p</sub> <sup>3/4</sup>	R <sub>p</sub> <sup>3/8</sup>	100	37	2
32012-125	273	235	235	470	152	150	362	235	14	R <sub>p</sub> <sup>3/4</sup>	R <sub>p</sub> <sup>3/8</sup>	125	50	4
32012-150	323,9	255	255	510	169	190	394	280	14	R <sub>p</sub> <sup>3/4</sup>	R <sub>p</sub> <sup>3/8</sup>	150	65	4
32012-200	406,4	320	320	640	186	220	428	365	14	R <sub>p</sub> <sup>3/4</sup>	R <sub>p</sub> <sup>3/8</sup>	200	100	4
32012-250	480	425	380	805	216	500	486	435	14	R <sub>p</sub> <sup>3/4</sup>	R <sub>p</sub> <sup>3/8</sup>	250	139	6
32012-300	558	465	415	880	245	600	542	515	18	R <sub>p</sub> <sup>3/4</sup>	R <sub>p</sub> <sup>3/8</sup>	300	180	6
32012-350	609	500	445	945	258	650	583	565	18	R <sub>p</sub> <sup>3/4</sup>	R <sub>p</sub> <sup>3/8</sup>	350	245	6
32012-400	680	560	500	1060	290	750	665	640	18	R <sub>p</sub> <sup>3/4</sup>	R <sub>p</sub> <sup>3/8</sup>	400	323	8
32012-450	770	610	550	1160	315	850	695	730	18	R <sub>p</sub> <sup>3/4</sup>	R <sub>p</sub> <sup>3/8</sup>	450	430	8

Capacity  
(at a viscosity of 1 cSt  
and differential pressure of 0.1 bar)

Type	Strainer area cm <sup>2</sup>	Capacity in m <sup>3</sup> /h for filtration in Ø mm					Type	Strainer area cm <sup>2</sup>	Capacity in m <sup>3</sup> /h for filtration in Ø mm				
		2 mm	3 mm	6 mm	8 mm	10 mm			2 mm	3 mm	6 mm	8 mm	10 mm
32012-50	410	10	15	19	19	19	32012-200	1820	152	228	277	277	277
32012-65	590	17	26	32	32	32	32012-250	2680	242	363	440	440	440
32012-80	770	24	36	44	44	44	32012-300	4070	342	513	623	623	623
32012-100	890	40	61	74	74	74	32012-350	5050	412	618	750	750	750
32012-125	1130	61	92	112	112	112	32012-400	6660	540	810	983	983	983
32012-150	1440	90	136	165	165	165	32012-450	7710	682	1023	1241	1241	1241