

## Y- Type Strainer

**Size:** DN 50 - 600 mm

**Pressure rating:** PN10 - 40 bars

**Face to Face:** according to EN 558-1

**Flanges:** according to EN 1092-2

**Product features:**

Renewable screen made of corrosion and acid resistant stainless steel.

**Corrosion protection:**

Body and cover interior and outside are coated with electrostatic epoxy powder. min. thickness 250 µm.

**Options:**

- Screen material and mesh size as per request.
- Flanges according to ANSI standard.
- Delivery without flange for direct welding to the pipes

**Application:**

Strainers are used to prevent damage to system parts like: valves, pumps, etc. by external particles. Strainers separate dirt and external particles from flow.

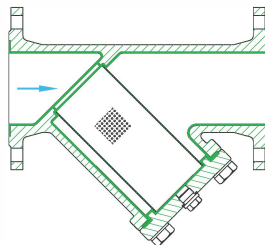


Hydrostatic test Pressure (bar) according to EN 12266-1	
Nominal Pressure PN (bar)	Test Pressure
	Shell Test
10	17
16	25
25	38
40	60

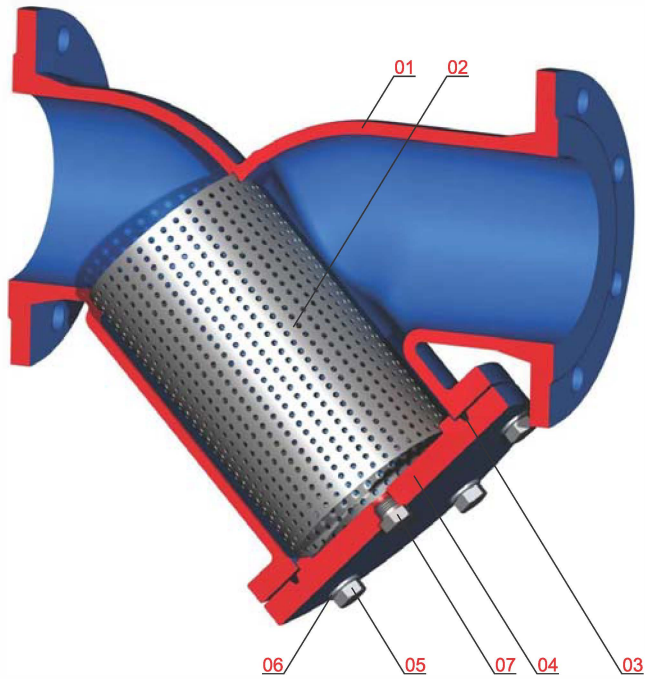
### Inline elastomer coated Y-type Strainers / Sea Water type

This type of strainers is used specially for sea water services. We can produce this equipment from suitable material which is resistant against corrosion and erosion of sea water passing. Any type of stainless steel, Aluminum Bronze and Nickel Aluminum Bronze are available in Casting, Forming or Welding works in Mirab. Our company has another solution for equipment which are used with sea water or corrosive material, which is inline rubber lining to avoid using expensive material and reducing the cost.

Rubber liners can be coated by EPDM or Ebonite as protection, layer against fluid destruction.

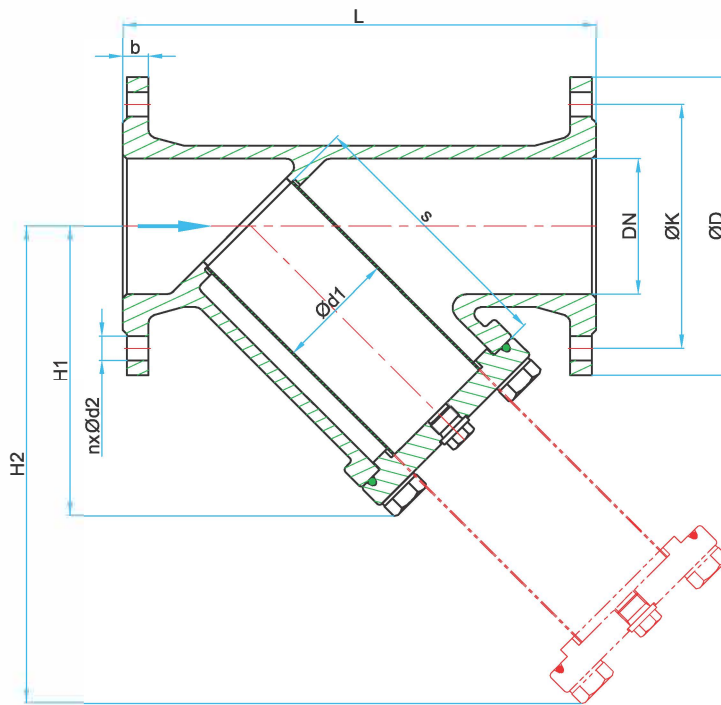


## Part list



Part No.	Part Name	Part Material	Spare Part
01	Body	*EN-GJS-500-7	
02	Screen	1.4301 / AISI304	
03	Seal	EPDM / NBR	•
04	Cover	EN-GJS-500-7 / A2	
05	Hexagonal head screw	Galvanized Steel A2	
06	Washer	Galvanized Steel A2	
07	Drain screw		

Dimensions and weight



- EN 1092 - 2
- EN 558 - 1 series 1

DN mm	PN bar	L mm	ØD mm	ØK mm	Ød2 mm	n	b mm	H1 mm	H2 mm	S mm	Ød1 mm	Zeta	Kv m³/h	Screen		Weight kg
														Hole Dia mm	Holes cm²	
50	10.16	230	165	125	19	4	19	128	215	113.5	60	3.1	57	1.5	4	10
65	10.16	290	185	145	19	4	19	185	315	152	65	3.1	96	3	6.5	15
80	10.16	310	200	160	19	8	19	205	355	159	80	3.2	143	3	6.5	17
100	10.16	350	220	180	19	8	19	240	415	196	95	3.4	223	3	6.5	26
125	10.16	400	250	210	19	8	19	285	475	239	110	3.4	338	3	6.5	37
150	10.16	480	285	240	23	8	19	328	548	264	132	3.5	480	3	6.5	54
200	10	600	340	295	23	8	20	405	660	335	180	3.5	854	3	6.5	89
	12					94										
250	10	730	395	350	23	12	22	515	880	385	256	3.5	1334	3	6.5	138
	16															143
300	10	850	445	400	23	12	24.5	610	1100	617.5	310	3.6	1895	3	6.5	229
	16															235

Data for pressures 25 and 40 bars on request.

## T– type Strainer

**Size:** DN 150 - 1200 mm

**Pressure rating:** PN 10 - 40 bars

**Face to face:** according to Din EN 558-1

**Flanges:** according to DIN EN 1092-1

**Product Feature:**

Renewable screen made of corrosion and acid resistant stainless steel. Flanges are raised face according to standard DIN 2526 type C. This type of strainer is produced by welding process. Provided with a drain screw at the bottom and a air release screw on the cover.

**Corrosion protection:**

Body and cover interior and outside are coated with electrostatic epoxy powder with min. Thickness 250 µm.

**Option:**

- Screen material and mesh size as per request.
- Flanges according to ANSI standard
- Delivery without flange for direct welding to the pipes

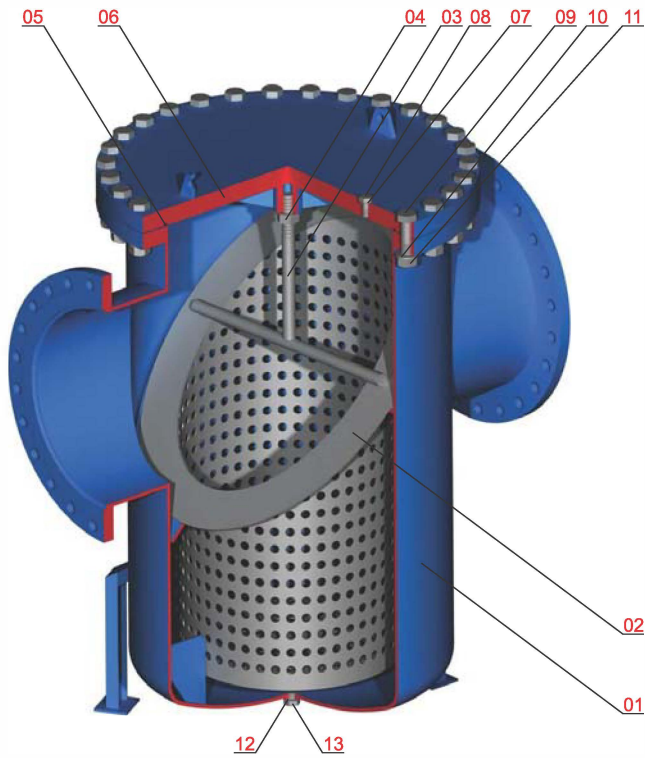
**Application:**

Strainers are used to prevent damage to system parts like: valves, pumps, etc. by external particles. Strainers separate dirt and external particles from flow.

Hydrostatic test Pressure (bar) according to EN 12266-1	
Nominal Pressure PN (bar)	Test Pressure
	Shell Test
10	17
16	25
25	38
40	60

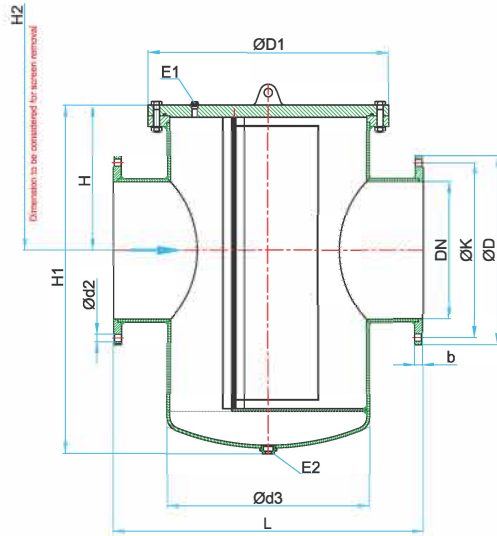


Part list



Part No.	Part Name	Part Material	Spare Part
01	Body	S235JR	
02	Screen	1.4301	
03	Adjustable Screw	1.4021	
04	Nut	Galvanized Steel / A2	
05	Elastomer Seal	EPDM / NBR	•
06	Cap	S235JR	
07	Washer	Galvanized Steel / A2	
08	Air Drain	S235JR	
09	Hexagonal Bolt	Galvanized Steel / A2	
10	Washer	Galvanized Steel / A2	
11	Nut	Galvanized Steel / A2	
12	Washer	Galvanized Steel / A2	
13	Drain	S235JR	

Dimensions and weight (Flat & Curved Screen)



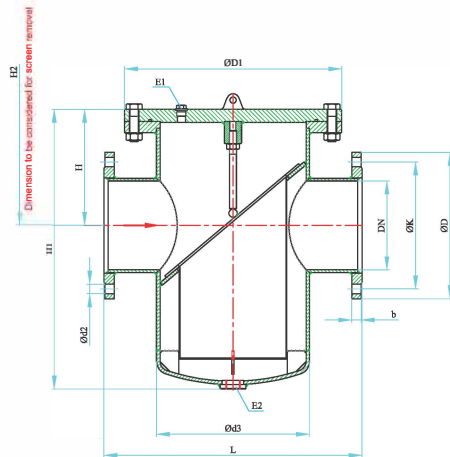
- EN 1092- 1:2018
- EN 558 - 1 series 48

DN	PN	L	ØD	ØK	Ød2	n	b	ØD1	Ød3	H	H1	H2	E1	E2	Screen		Zeta	Kv	Wgt.
															diameter	mesh			
50	10,16	200	165	125	18	4	18	220	114.3	150	255	325	G ¾	G ½	1.5	4	3.1	57	21
65	10,16	240	185	145	18	4	18	250	139.7	170	300	385	G ¾	G ½	3	6.5	3.1	96	30
80	10,16	260	200	160	18	8	20	285	168.3	180	335	430	G ¾	G ½	3	6.5	3.2	143	36
100	10,16	300	220	180	18	8	20	315	193.7	200	380	485	G ¾	G ½	3	6.5	3.2	223	50
125	10,16	350	250	210	18	8	22	340	219.1	220	475	600	G ¾	G ½	3	6.5	3.4	338	63
150	10,16	400	285	240	22	8	22	400	273	275	550	715	G ¾	G ¾	4	6.5	3.5	480	97
200	10	500	340	295	22	8	24	445	325	325	570	760	G ½	G ¾	4	6.5	3.5	854	121
	16							460	320	560	138								
250	10	600	400	350	23	12	26	505	355	360	700	910	G ½	G ¾	4	6.5	3.5	1334	175
	16			355	28			520	335	900	190								
350	10	800	505	460	22	16	26	620	410	915	1150	G ½	G1	5	10	3.6	2655	340	
	16							520	26	30	630							508	420
400	10	900	565	515	26	16	26	720	610	425	905	1200	G ½	G1	5	10	3.5	3417	360
	16							580	30	32	730	440							920
500	10	1100	670	620	26	20	28	810	700	515	1225	1550	G ½	G1	5	10	3.5	5338	690
	16							715	33	34	820								525
600	10	1300	780	725	30	20	28	840	800	640	1490	1900	G ¾	G1	5	10	3.2	8040	960
	16							840	36	36	930								650
700	10	1500	895	840	30	24	30	1050	930	700	1500	2100	G ¾	G1	5	10	—	—	—
	16																		
800	10	1700	1015	950	33	24	32	1050	1060	775	1700	2300	G ¾	G1	5	10	—	—	—
	16																		

Data for pressures 25 and 40 bars on request.



Dimensions and weight (Cylindrical Screen)



- EN 1092 - 1:2018
- EN 558 - 1 series 1

DN	PN	L	ØD	ØK	Ød2	n	b	ØD1	Ød3	H	H1	H2	E1	E2	Screen		Zeta	Kv	Wgt.
															diameter	mesh			
50	10,16	230	165	125	18	4	18	220	114.3	155	270	330	G ¾	G ½	1.5	4	3.1	57	29
65	10,16	290	185	145	18	4	18	250	139.7	175	300	385	G ¾	G ½	3	6.5	3.1	96	40
80	10,16	310	200	160	18	8	20	285	168.3	185	340	445	G ¾	G ½	3	6.5	3.2	143	45
100	10,16	350	220	180	18	8	20	315	219.1	205	390	460	G ¾	G ½	3	6.5	3.2	223	69
125	10,16	400	250	210	18	8	22	340	219.1	245	490	630	G ¾	G ½	3	6.5	3.4	338	96
150	10,16	480	285	240	22	8	22	400	274	280	576	762	G ¾	G ¾	3	6.5	3.5	480	140
200	10	600	340	295	22	8	24	505	356	270	750	922	G ½	G ¾	3	6.5	3.5	854	157
	12																		
250	10	730	400	350	23	12	26	565	406	290	806	989	G ½	G ¾	3	6.5	3.5	1334	215
	16																		
300	10	850	445	400	23	12	26	670	508	350	880	945	G ½	G1	5	10	3.6	1895	275
	16					281													
350	10	980	505	460	22	16	26	780	610	427	1195	1305	G ½	G1	5	10	3.6	2655	435
	16					446													
400	10	1100	565	515	26	16	26	895	711	475	1402	1497	G1	G1	5	10	3.5	3417	590
	16					606													
500	10	1250	670	620	26	20	28	1115	914	596	1580	1790	G ½	G1	5	10	3.5	5338	1010
	16					1046													
600	10	1450	780	725	30	20	28	1180	1016	675	1960	2191	G ¾	G1	5	10	3.2	8040	1360
	16					1422													
700	10	1650	895	840	30	24	30	1160	1100	682	2062	2219	G ¾	G1	5	10	—	—	1715
	16					1745													
800	10	1850	1015	950	33	24	32	1440	1219	747	2245	2425	G ¾	G1	5	10	—	—	2000
	16					2032													
900	10	2050	1115	1050	33	28	34	1400	1219	840	2332	2584	G ¾	G1	5	10	—	—	2260
	16					2295													
1000	10	2250	1230	1160	36	28	34	1644	1422	900	2590	2829	G ¾	G1	5	10	—	—	3510
	16					3583													
1200	10	2500	1455	1380	39	32	38	1880	1632	925	3085	3502	G ¾	G1	5	10	—	—	5445
	16					5564													

Data for pressures 25 and 40 bars on request.