



Flanged Ductile Iron Y Strainers Series S12

GENERAL INFORMATION

Series S12 flanged ductile iron Y strainer is designed to let the flow pass the screen so that sized particulate is captured and retained by the screen. They are most commonly used in pressurized lines, gas or liquid, but can also be used in suction or vacuum conditions. They are intended for applications where small amounts of solid particulate are expected, and where clean-out will be infrequent. If solids will flush easily from the screen, and fluid can be exhausted to atmosphere, a blow-off valve on the drain port will allow clean-out without removal of the screen, and without interrupting the process flow.

FEATURES

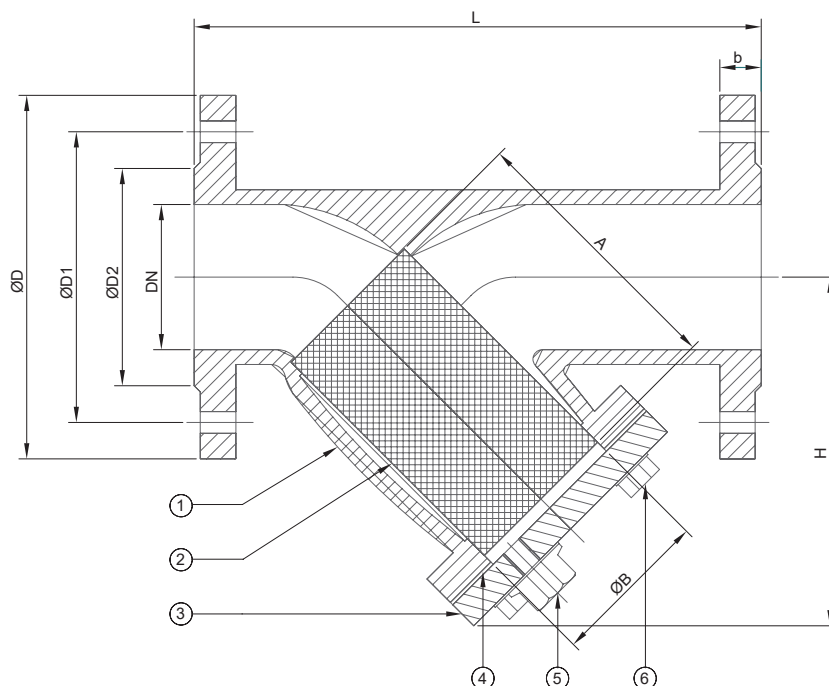
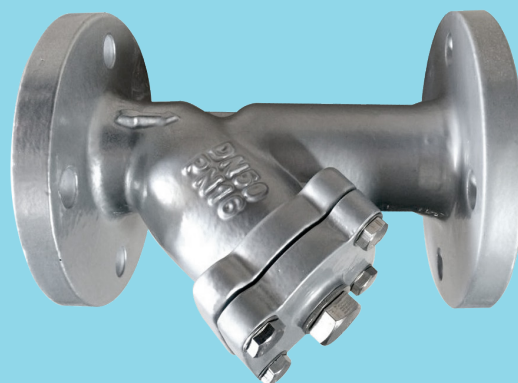
- Machined seat ensures a perfect fit for the removable, stainless steel screen
- All sizes come complete with flanged blow-off cover, gasket & plug
- A drain-off valve can be installed instead of plug to remove particulate
- May be installed in vertical or horizontal pipelines with blow-off connection at the lower end of the screen

TECHNICAL DATA

Connection	Flange
Nominal diameter	DN50-DN600
Pressure rating	PN16
Face to face	EN558-1 series 1
Temperature range	-20°C to +230°C
Coating	Fusion bonded epoxy

PARTS LIST AND MATERIAL SPECIFICATION

No.	Part name	Material
1	Body	Ductile Iron
2	Screen	SS304
3	Bonnet	Ductile Iron
4	Bonnet gasket	PTFE
5	Plug	SS304
6	Bolts	SS304



DIMENSIONS (mm)

SIZE		A	B	b	D	D1	D2	H	L	WT (kg)
DN	INCH									
50	2"	100	54	19	165	125	90	130	230	9
65	2 1/2"	125	69	19	185	145	103	155	290	12
80	3"	165	83	19	200	160	122	185	310	17
100	4"	185	105	19	220	180	154	230	350	28
125	5"	205	129	19	250	210	186	270	400	40
150	6"	226	156	19	285	240	207	300	480	46
200	8"	290	205	20	340	295	264	400	600	82
250	10"	389	256	22	400	355	328	500	730	127
300	12"	460	305	25	455	410	374	580	850	200
350	14"	560	355	27	520	470	438	682	980	320
400	16"	600	405	28	580	525	490	785	1100	420
450	18"	835	470	30	640	585	550	913	1200	610
500	20"	855	520	32	715	650	610	970	1250	775
600	24"	1070	625	36	840	770	725	1160	1450	1050



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WATER STANDARD CONDITIONS

