



Strainers | Flange | YSF



SPECIFICATIONS

Sizes	2"/DN50, 2½"/DN65, 3"/DN80, 4"/DN100, 5"/DN125, 6"/DN150, 8"/DN200, 10"/DN250, 12"/DN300
Working Pressure	300 psi / 21bar
Finish	Fusion bonded epoxy coated, internal and external
Material (body)	Ductile iron
Connections	Flange diameter and thickness according to ANSI B16.1 Class 125 or EN1092-2 PN16
Approvals	cULus

Product Dimensions

Part Number*		Size		Dimensions (mm)								Drain Plug BSP Thread	Screen Size (mm)	Weight (kg)
ANSI	PN16	DN	Inch	L	D	b	H	D1		n-ØL				
								ANSI	PN16	ANSI	PN16			
YSF-0200	YSF-0200PN	DN50	2"	200	152	16	155	120.7	125	4-Ø19.1		1"	1.5	8.7
YSF-0250	YSF-0250PN	DN65	2½"	254	178	17.5	165	139.7	145	4-Ø19.1		1"	1.5	12.2
YSF-0300	YSF-0300PN	DN80	3"	257	191	19	180	152.4	160	4-Ø19.1	8-Ø19.1	1"	1.5	13.8
YSF-0400	YSF-0400PN	DN100	4"	308	229	24	229	190.5	180	8-Ø19.1	8-Ø19.1	1"	1.5	23.9
YSF-0600		DN150	6"	470	279	25.5	311	241.3	240	8-Ø22.2	8-Ø23	1-1/2"	1.5	43.8
YSF-0800	YSF-0800PN16	DN200	8"	549	343	28.5	394	298.5	295	8-Ø22.2	12-Ø23	1-1/2"	2	75.4
YSF-1000	YSF-1000PN16	DN250	10"	654	406	30.5	487	362.0	355	12-Ø25.5	12-Ø28	2"	2	109.3
YSF-1200	YSF-1200PN16	DN300	12"	759	483	32	547	431.8	410	12-Ø25.5	12-Ø28	2"	2	173.1

* Valve flange drilling (size and location of bolt holes and pitch circle diameter) allows mating with the following flange types :

ANSI = ANSI B16.1 Class 125

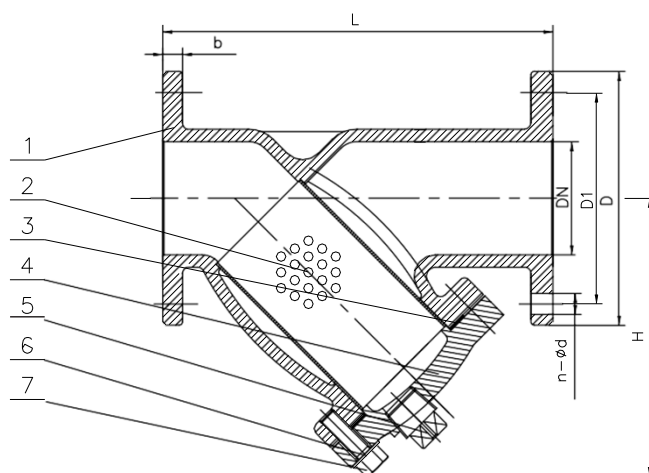
PN16 = DIN 2501, BS 4504, EN 1092 - PN16

Strainer Specification

DN		Hole Dia. (mm)	Free Flow Area (%)
Inch	mm		
2-6	50-150	1.5	33
8-12	200-300	2.0	33

Material list

Item	Description	Material	Specification
1	Valve Body	Ductile Iron	ASTM A53665-45-12
2	Screen	Stainless Steel	AISI 304 (Perforated)
3	Gasket	EPDM	Commercial
4	Cover	Ductile Iron	ASTM A53665-45-12
5	Plug	Malleable Iron	Galvanized
6	Bolt	Carbon Steel	Zinc Plated
7	Flat Washer	Carbon Steel	Zinc Plated



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