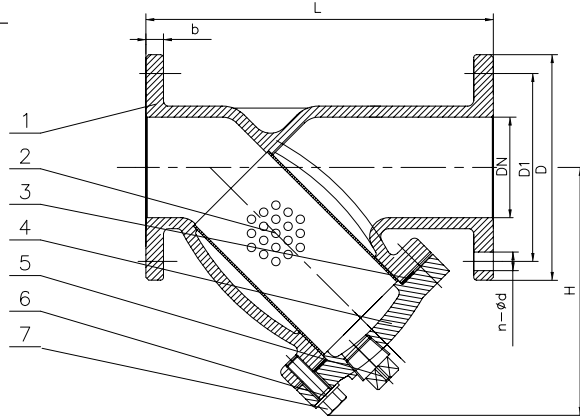


Y-Strainer - Flanged

YSF

Technical Features

- **Sizes available (Nominal):** DN50/2", DN65/2½", DN80/3", DN100/4", DN150/6", DN200/8", DN250/10" and DN300/12"
- **Pressure data:**
Working pressure: 21 bar (300 psi)
- **Temperature data:**
Working temperature: 0°C - 80°C
- **Finish:** Fusion bonded epoxy coated internal and external
- **Connections:** Flange diameter and thickness according to ANSI B16.1 Class 125 or EN1092-2 PN16



Y-Strainer - Flanged - YSF

Physical Data

Nominal Pipe Size		Dimensions (mm)								Drain Plug	Reference*		Weight (kg)
Metric	inch	L	D	b	H	D1		n-ØL		BSP Thread	ANSI	PN16	
DN50	2"	200	152	16	155	120.7	125	4-Ø19.1		1"	YSF-0200	YSF-0200PN	8.7
DN65	2½"	254	178	17.5	165	139.7	145	4-Ø19.1		1"	YSF-0250	YSF-0250PN	12.2
DN80	3"	257	191	19	180	152.4	160	4-Ø19.1	8-Ø19.1	1"	YSF-0300	YSF-0300PN	13.8
DN100	4"	308	229	24	229	190.5	180	8-Ø19.1	8-Ø19.1	1"	YSF-0400	YSF-0400PN	23.9
DN150	6"	470	279	25.5	311	241.3	240	8-Ø22.2	8-Ø23	1½"	YSF-0600		43.8
DN200	8"	549	343	28.5	394	298.5	295	8-Ø22.2	12-Ø23	1½"	YSF-0800	YSF-0800PN16	75.4
DN250	10"	654	406	30.5	487	362.0	355	12-Ø25.5	12-Ø28	2"	YSF-1000	YSF-1000PN16	109.3
DN300	12"	759	483	32	547	431.8	410	12-Ø25.5	12-Ø28	2"	YSF-1200	YSF-1200PN16	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

Y-Strainer - Flanged - YSF

Screen Data

DN		Sieve No.	Hole Dia. (mm)	Free Flow Area (%)
inch	mm			
2"-2½"	50-65	25	4	48
3"-4"	80-100	19	5	59
5"	125	14	6	63
6"-12"	150-300	13	6.3	64

Y-Strainer - Flanged - YSF

Materials List

Item	Description	Material	Specification
1	Valve Body	Ductile Iron	ASTM A536 65-45-12
2	Screen	Stainless Steel	AISI 304 (Perforated)
3	Gasket	EPDM	Commercial
4	Cover	Ductile Iron	ASTM A536 65-45-12
5	Plug	Malleable Iron	Galvanized
6	Bolt	Carbon Steel	Zinc Plated
7	Flat Washer	Carbon Steel	Zinc Plated

