



Control Valves & Devices | Strainers | Y-Strainers | Flanged | YSF



SPECIFICATIONS

Approvals	
Sizes available (nominal)	2"/DN50, 2-1/2"/DN65, 3"/DN80, 4"/DN100, 5"/DN125, 6"/DN150, 8"/DN200, 10"/DN250 & 12"/DN300
Maximum working pressure	21 bar (300 psi)
Temperature data	0 °C - 80 °C
Finish	Fusion bonded epoxy coated, internal and external
Material	Ductile iron
Connections	Flange diameter and thickness according to ANSI B16.1 Class 125 or EN1092-2 PN16

Physical data & part numbers | YSF

Reference*		Nominal Pipe Size		Dimensions (mm)								Drain Plug BSP Thread	Screen Size (mm)	Weight (kg)
ANSI	PN16	Metric	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	2-1/2	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:

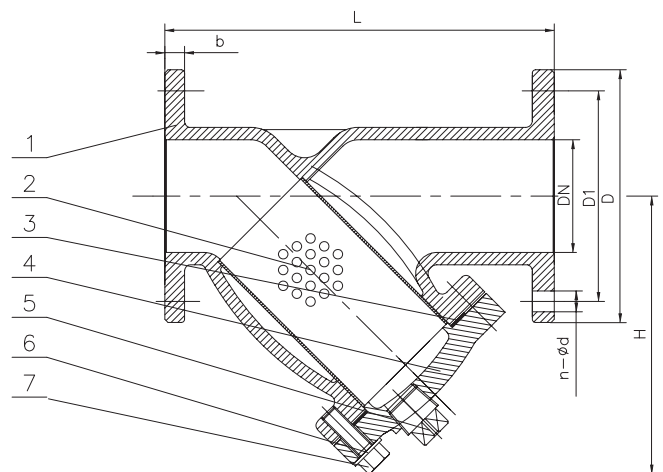
ANSI = ANSI B16.1 Class 125 PN16 = DIN 2501, BS 4504, EN 1092-2 PN16

Screen data | YSF

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 | YSF

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



Note: This document contains basic product information only. Information, photos and drawings are not contractually binding. In all cases, the manufacturer's full technical documentation remains the reference document. Note that certificates, test reports and approvals may be published in the OEM name.

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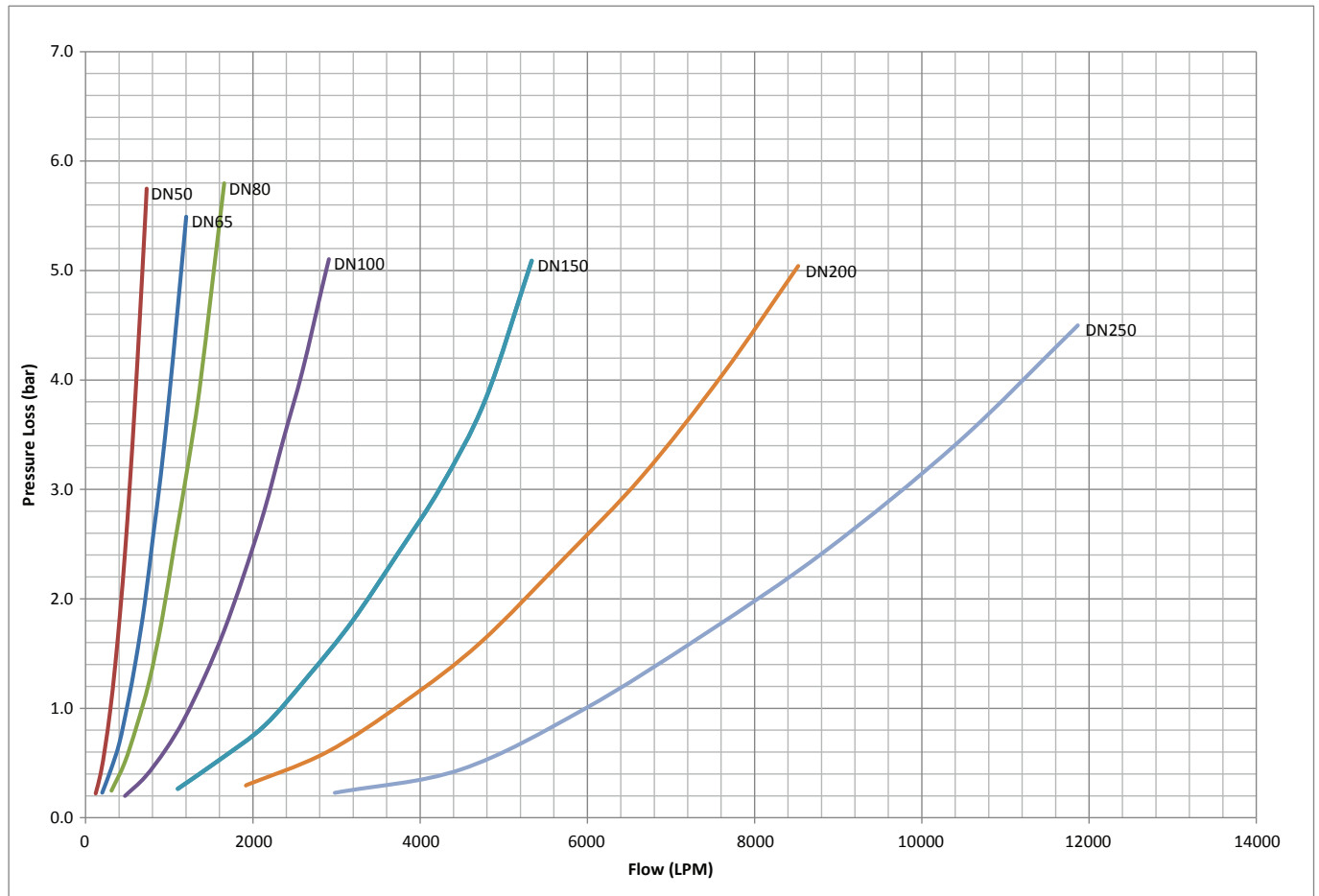
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Pressure loss data | YSF



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