

Technical data sheet

Type Y333P Y pattern strainer



- Protection of pumps, valves, pressure reducing valves, backflow preventers, against any impurity in the piping system (dirt, rust, seal fragments, scraps).
- Furthermore, these pattern strainers are available with a drain cock DN 1/2" allowing a quick and efficient cleaning.
- Filtration DN :
 - 500 microns for DN 50
 - 800 microns for DN 65
 - 1250 microns for DN 80/100/125/150/200
 - 1600 microns for DN 250/300
- Internal/external epoxy coating.

Technical description

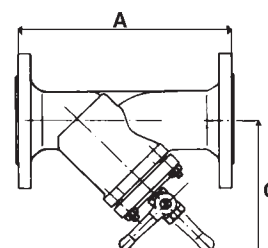
DN "	mm	PN	PFA (bar)	PS (bar)				Cat.	References	Vvs-nr
				L1	L2	G1	G2			
1 1/2	40	10/16	16	16	16	X	X	3.3	149B 3280	
2	50	10/16	16	16	16	X	X	3.3	149B 3281	
2 1/2	65	10/16	16	16	16	X	X	3.3	149B 3282	
3	80	10/16	16	16	16	X	X	3.3	149B 3283	
4	100	10/16	16	16	16	X	X	3.3	149B 3284	
5	125	10/16	16	16	16	X	X	3.3	149B 3285	
6	150	10/16	16	13	16	X	X	3.3	149B 3286	
8	200	10	10	10	10	X	X	3.3	149B 3287	
10	250	10	10	10	10	X	X	1	149B 3288	
12	300	10	10	10	10	X	X	1	149B 3289	

Important notice :
The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions.
The operating instructions are available on our web site www.danfoss-socla.com or by requesting from our sales department.

- **Connection :** with PN 10 flanges
- **Permissible operating pressure PFA - water-** (for supply, distribution and disposal of water) : See table
- **Maximum Permissible pressure PS - other mediums :** See table
- **T° :**
 - Mini. -10 °C
 - Maxi. 150 °C
- **Mediums :** Clear liquids
- **Approvals :** VERITAS and ACS (France)
WRAS (UK)
CE Conformity (Europe)
- **International construction Standards :**
 - CE Conformity Directive 97/23/CE
 - Flange drilling according to EN 1092-2
 - Overall dimensions according to EN 558-1 series 1

Overall dimensions

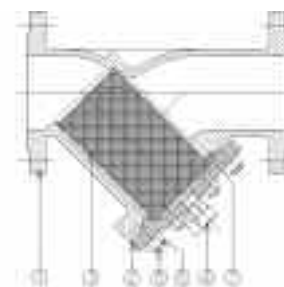
DN		A	C	Mesh	Weight
"	mm	mm	mm	mm	kg
1 1/2	40	200	130	0,50	6,5
2	50	230	145	0,50	8,5
2 1/2	65	290	192	0,80	11,0
3	80	310	173	1,25	17,0
4	100	350	220	1,25	24,0
5	125	400	280	1,25	41,0
6	150	480	326	1,25	67,0
8	200	600	410	1,25	110,0
10	250	730	456	1,60	160,0
12	300	850	550	1,60	228,0



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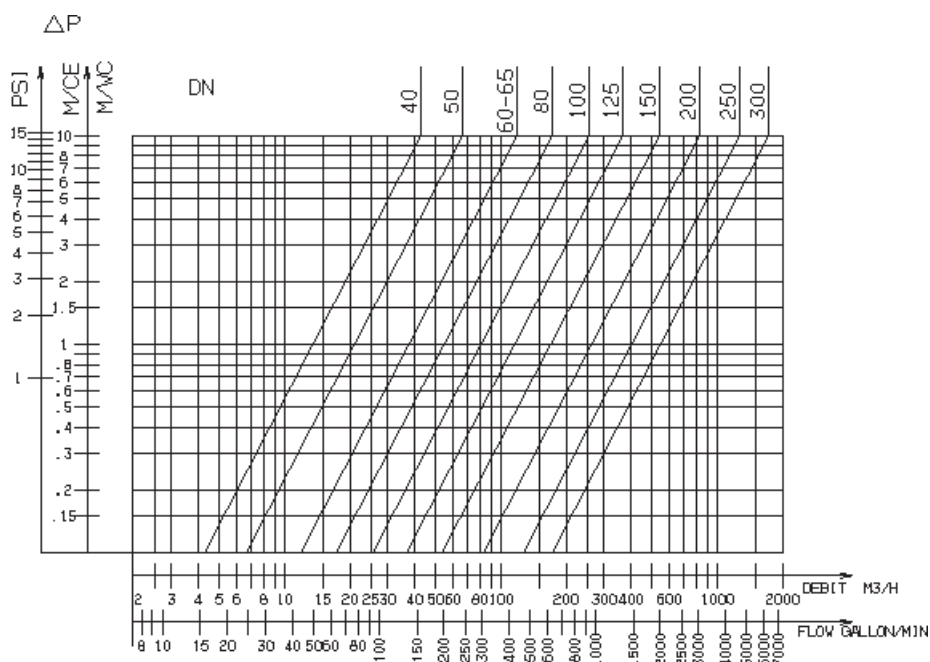
Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING	Cast iron + epoxy	EN-GJL-250	ASTM A 48 35 B
2	CAP	Cast iron + epoxy	EN-GJL-250	ASTM A 48 35 B
3	STRAINER	Stainless steel	X5CrNi18-10	AISI 304
4	DRAIN COCK M/F 1/2"	Brass		
5	STUD BOLT	Stainless steel	X5CrNi18-10	AISI 304
6	SCREW	Stainless steel	X5CrNiMo17-12-2	AISI 316
7	SEAL	Fiber		



Working principle

DN		Kv	ζ
"	mm	m ³ /H	
1 1/2	40	42,70	2,20
2	50	66,70	2,20
2 1/2	65	89,00	3,50
3	80	127,00	4,00
4	100	200,00	3,90
5	125	364,00	2,60
6	150	494,00	3,30
8	200	675,00	5,50
10	250	975,00	6,50
12	300	1735,00	3,70



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