

Technical data sheet

Type Y333

Y pattern strainer

Applications and special features



- Protection of pumps, valves, pressure reducing valves, backflow preventers, against any impurity in the piping system (dirt, rust, seal fragments, foreign bodies).
- Filtration DN :
 - 500 microns for DN 40/50
 - 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

Important notice :

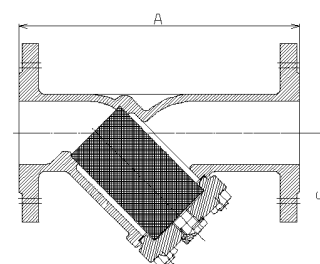
The indicated pressure for the different categories of fluids (L1/L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions. The operating instructions are available on our web site www.danfoss-socla.com or by requesting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

DN		PN	PFA en bar	PS en bar				Cat.	References	Vvs-nr
"	mm			L1	L2	G1	G2			
1 1/2	40	10/16	16	16	16	X	X	3.3	149B 3260	
2	50	10/16	16	16	16	X	X	3.3	149B 3261	
2 1/2	65	10/16	16	16	16	X	X	3.3	149B 3262	
3	80	10/16	16	16	16	X	X	3.3	149B 3263	
4	100	10/16	16	16	16	X	X	3.3	149B 3264	
5	125	10/16	16	16	16	X	X	3.3	149B 3265	
6	150	10/16	16	13	16	X	X	3.3	149B 3266	
8	200	10	10	10	10	X	X	3.3	149B 3267	
10	250	10	10	10	10	X	X	1	149B 3268	
12	300	10	10	10	10	X	X	1	149B 1808	

- **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

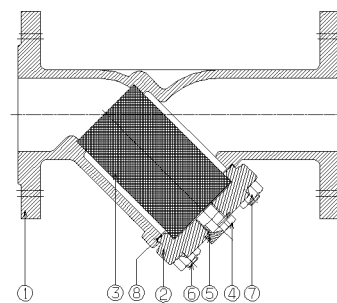
DN		A	C	Mesh	Weight
"	mm	mm	mm	mm	kg
1 1/2	40	200	130	0,50	6,5
2	50	230	145	0,50	8,5
2 1/2	65	290	192	0,80	11
3	80	310	173	1,25	17
4	100	350	220	1,25	24
5	125	400	280	1,25	41
6	150	480	326	1,25	67
8	200	600	410	1,25	110
10	250	730	468	1,60	160
12	300	850	consult us	1,60	228



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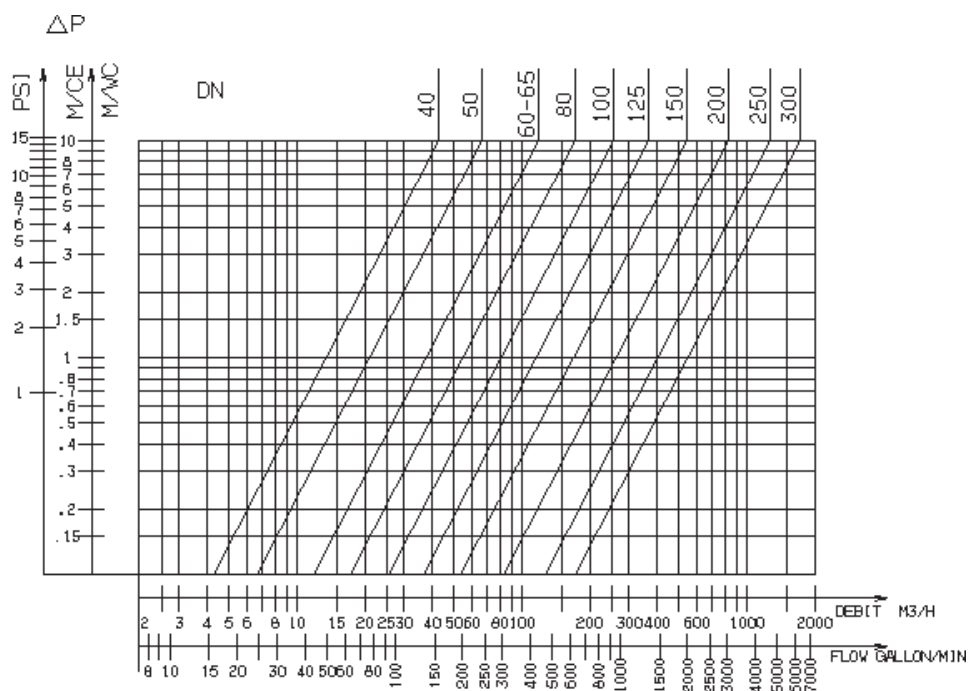
Spare parts list and materials

N°	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	PLUG 1/2	Brass	CuZn40Pb3	
5	SEAL	Fibre		
6	STUD BOLT	Stainless steel	X5CrNi18-10	AISI 304
7	SCREW	Stainless steel	X5CrNiMo17-12-2	AISI 316
8	SEAL	Fibre		



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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