

Technical data sheet

Type Y333P

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).
- Furthermore, these pattern strainers are available with a drain cock allowing a quick and efficient cleaning.
- 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 250/300/350/400
- 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.

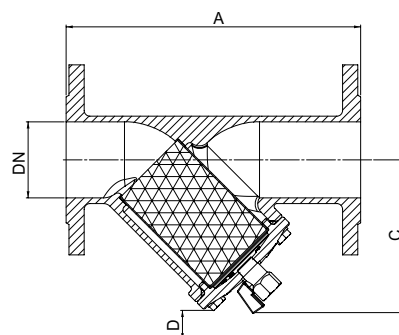
DN "	mm	PN	PFA (bar)	PS (bar)				Cat.	References	Vvs-nr
				L1	L2	G1	G2			
1 1/2	40	10/16	16	16	16	X	X	3.3	149B 3280	
2	50	10/16	16	16	16	X	X	3.3	149B 3281	
2 1/2	65	10/16	16	16	16	X	X	3.3	149B 3282	
3	80	10/16	16	16	16	X	X	3.3	149B 3283	
4	100	10/16	16	16	16	X	X	3.3	149B 3284	
5	125	10/16	16	16	16	X	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	
14	350	10	10	10	10	X	X	1	149B 3788	
16	400	10	10	10	10	X	X	1	149B 3791	

- **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
- **θ** : Mini. -10 °C
Maxi. 100 °C
- **Mediums :** Clear liquids
- **Approvals :** ACS PED 97/23/CE
- **WRAS** (except DN 350 & 400)
- **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	D	Mesh	Weight
"	mm	mm	mm	mm	mm	kg
1 1/2	40	200	130	35	0,50	6,5
2	50	230	145	50	0,50	8,5
2 1/2	65	290	137	65	0,80	9,8
3	80	310	159	75	1,25	13,5
4	100	350	187	90	1,25	18
5	125	400	249	125	1,25	27,5
6	150	480	301	170	1,25	43
8	200	600	403	220	1,25	83
10	250	730	472	200	1,60	112
12	300	850	508	250	1,60	160
14	350	980	587	315	1,6	297
16	400	1100	658	370	1,6	406

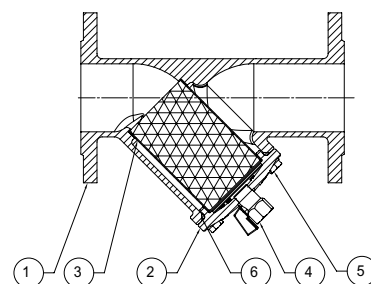
* D : Required height to remove the strainer



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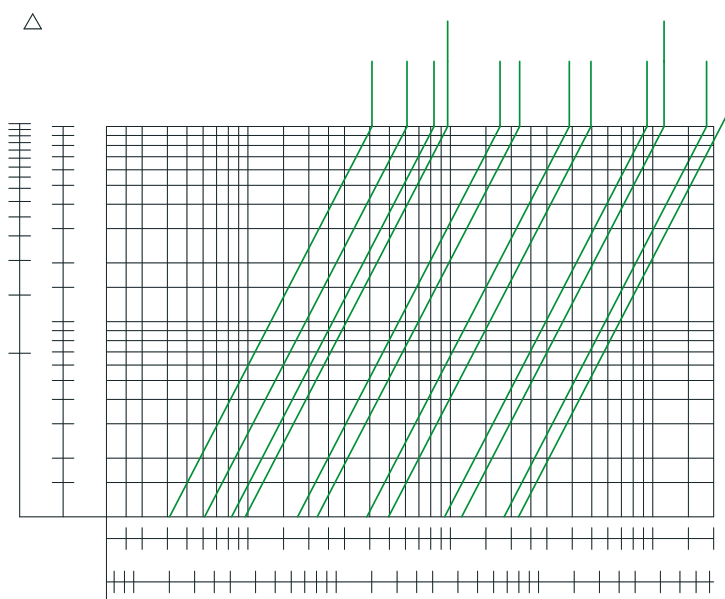
Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING DN 40-50 DN 65-400	Cast iron + epoxy Ductile iron + epoxy	EN-GJL-250 EN-GJS-400-15	ASTM A 48 35 B
2	CAP DN 40-50 DN 65-400	Cast iron + epoxy Ductile iron + epoxy	EN-GJL-250 EN-GJS-400-15	ASTM A 48 35 B
3	STRAINER	Stainless steel	X5CrNi18-10	AISI 304
4	DRAIN COCK M/F 1/2" DN 40-300 3/4" DN 350-400	Brass		
5	STUD BOLT/ SCREW	Stainless steel	X5CrNi18-10	AISI 304
6	SEAL DN 40-50 DN 65-400	Fibre EPDM		



Working principle

DN		Kv	ζ
"	mm		
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	937,00	2,90
10	250	1137,00	4,80
12	300	1844,00	3,80
14	350	1844,00	7,10
16	400	2172,00	8,80



* Head loss value for non clogged strainer
* Max velocity (for clean water) : 5m/s

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