

CAST IRON Y STRAINER FLANGED PN 10/16 DIN 3202-1 F1

Cast iron Y strainer flanged PN10/16 for filtration of water distribution, heating, water treatment and irrigation networks.
Strainer with removable filter and bolted bonnet
Threaded BSP draining cap allowing to install a draining valve.

Certificate

3.1



Size : DN15 to DN600
Connection : Flanges RF PN10/16
Min Temperature : -10°C
Max Temperature : +120°C
Max Pressure : 16 Bars up to DN200 (10 bars over)
Caractéristiques : Removable stainless steel filter
Bolted bonnet with draining cap
Alkyd painting

Materials : Ductile iron EN GJS-500-7 (from DN50 to 300)

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SPECIFICATIONS :

- Removable stainless steel filter
- R.F. flanges PN10/16
- Horizontal or vertical position with descendant fluid (respect the flow direction indicated by the arrow)
- Mesh : see tab page 4
- Bolted bonnet with draining cap threaded BSP
- Alkyd painting color grey RAL 7011, 100 µm thickness

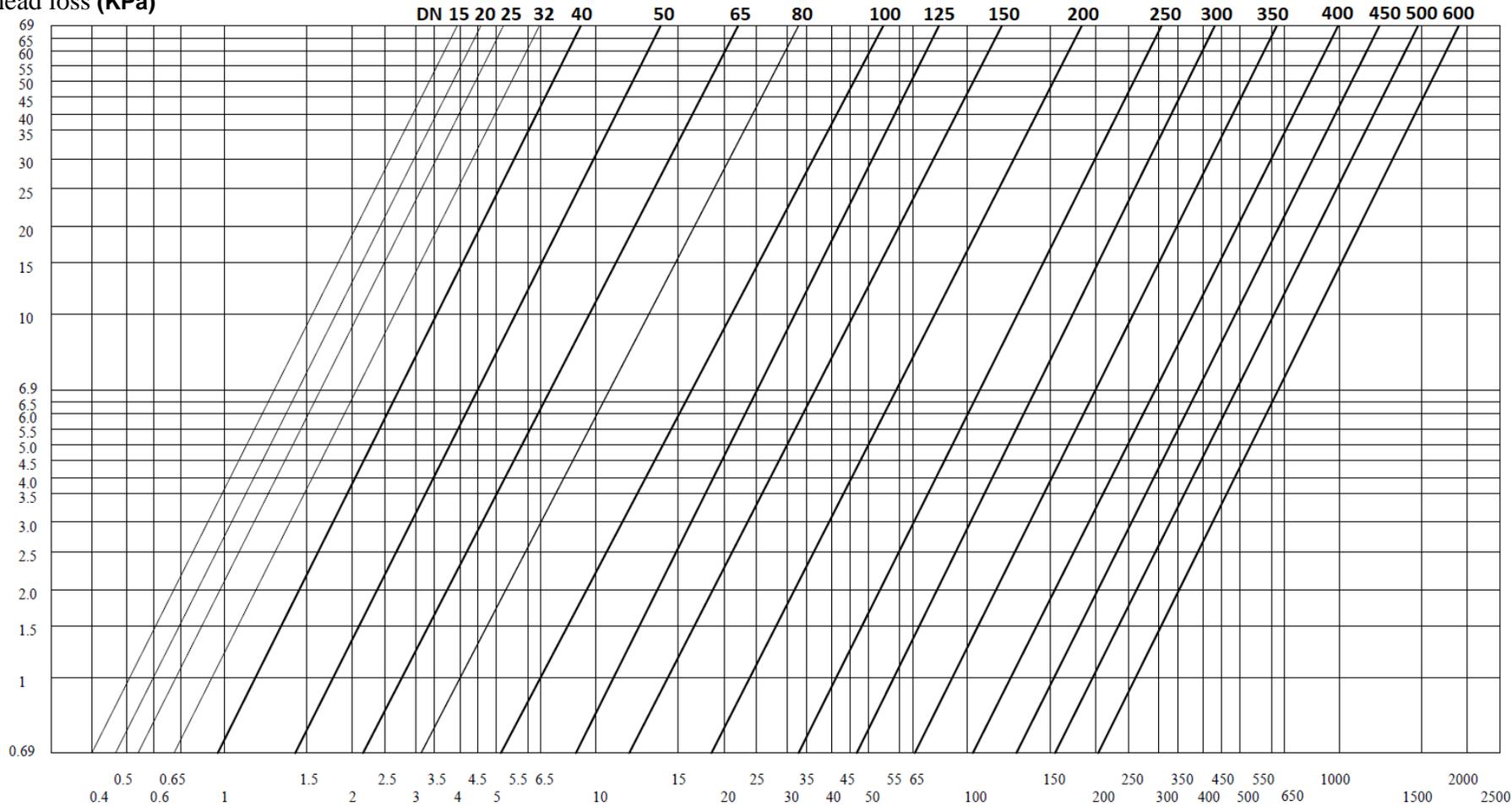
USE :

- For water distribution, heating, watering, irrigation
- For common liquids of 2nd group
- Min Temperature Ts : - 10°C
- Max Temperature Ts :+ 120°C
- Max Pressure Ps : 16 bars at 120°C up to DN200 , 10 bars at 120°C over

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HEAD LOSS GRAPH :

head loss (KPa)



10 KPa = 0.1 bar

1000 L/S = 3600 M³/H

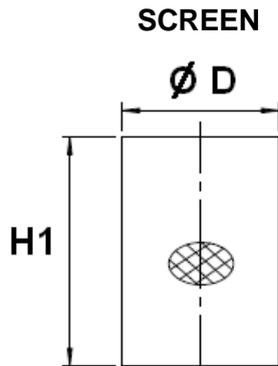
Flow (L / S)

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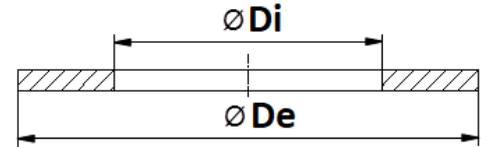
RANGE :

- R.F. flanges PN10/16 from DN 15 to 300, PN10 over

REPAIRABILITY :

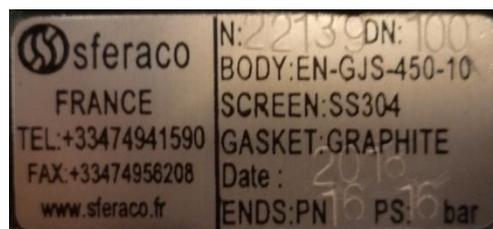


GRAPHITE BONNET GASKET



	DN	15	20	25	32	40	50	65	80	100	125	
Screen	Ø D	16	22	28	35	41	54	69	85	105	132.5	
	H1	46	60	72	86	101	79	100	119	152	179	
	Mesh	1.1						1.5				
	Ref.	9801460	9801461	9801462	9801463	9801464	9803040	9803041	9803042	9803043	9803044	
Bonnet gasket ep. 2 mm	Ø Di	24	24	32	36	42	56	71	87	107	136	
	Ø De	35	40	46	52	58	72	91	106	125	156	
	Ref.	9801680	9801681	9801682	9801683	9801684	9803060	9803061	9803062	9803063	9803064	

	DN	150	200	250	300	350	400	450	500	600	
Screen	Ø D	159.5	212.5	258	307	353	403	460	510	610	
	H1	202	265	344	420	540	650	617	683	779	
	Mesh	2	2.5	3			1.5		5		
	Ref.	9803045	9803046	9803047	9803048	9803049	9803050	9803051	9803052	9803053	
Bonnet gasket ep. 2 mm	Ø Di	163	216	261	310	356	406	464	532	634	
	Ø De	184	240	281	334	388	438	500	568	670	
	Ref.	9803065	9803066	9803067	9803068	9803069	9803070	9803071	9803072	9803073	

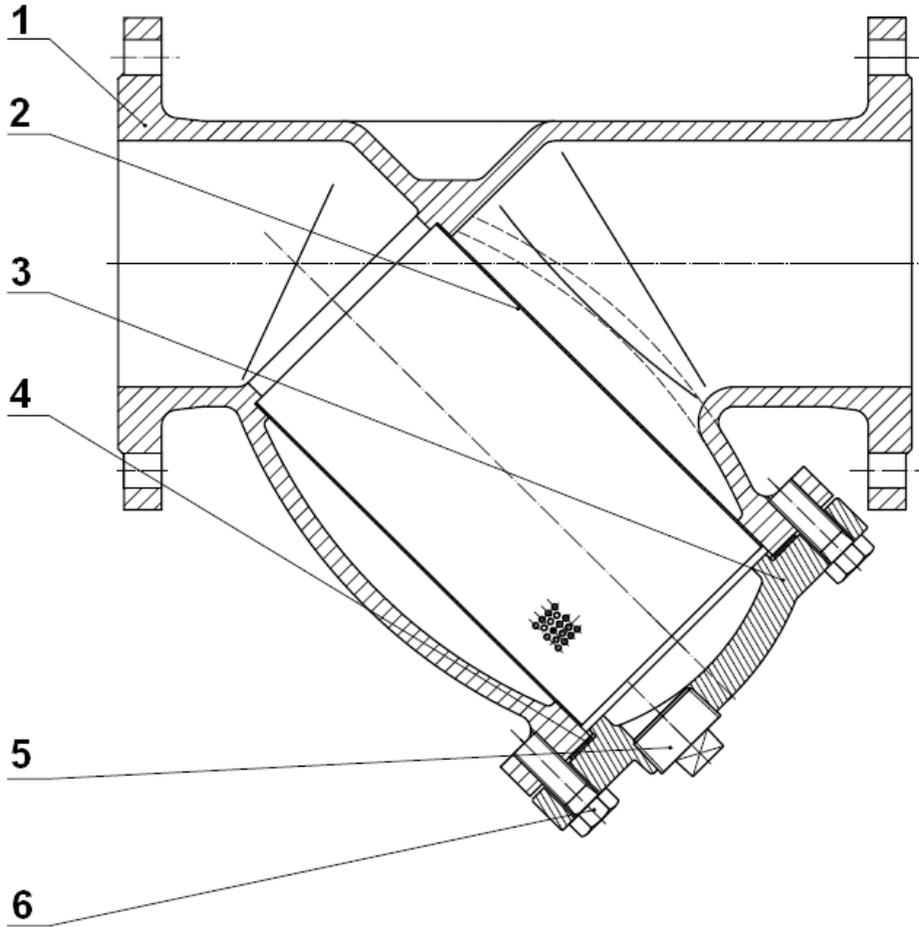


Be careful, the codes above relate to the current model with the identification plate above (for spare parts of another version, please contact us)

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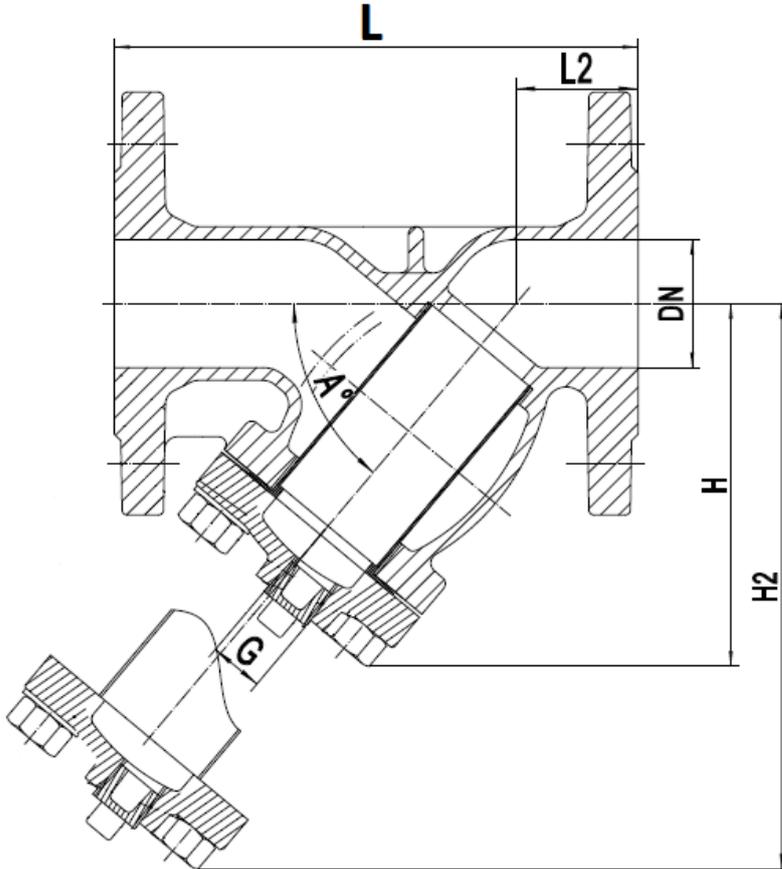
MATERIALS :



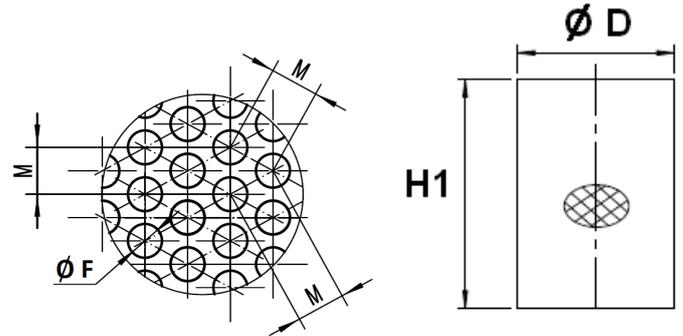
Item	Designation	Materials from DN15 to 40 and from DN350 to 600	Materials from DN50 to DN300
1	Body	Cast iron EN GJL-250	Ductile iron EN GJS-500-7
2	Screen	AISI 304	AISI 304
3	Bonnet	Cast iron EN GJL-250	Ductile iron EN GJS-500-7
4	Bonnet gasket	Graphite	Graphite
5	Draining cap	Brass	Brass
6	Bonnet screw	Steel Rst 37-2	Steel Q235

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SIZE (in mm) :



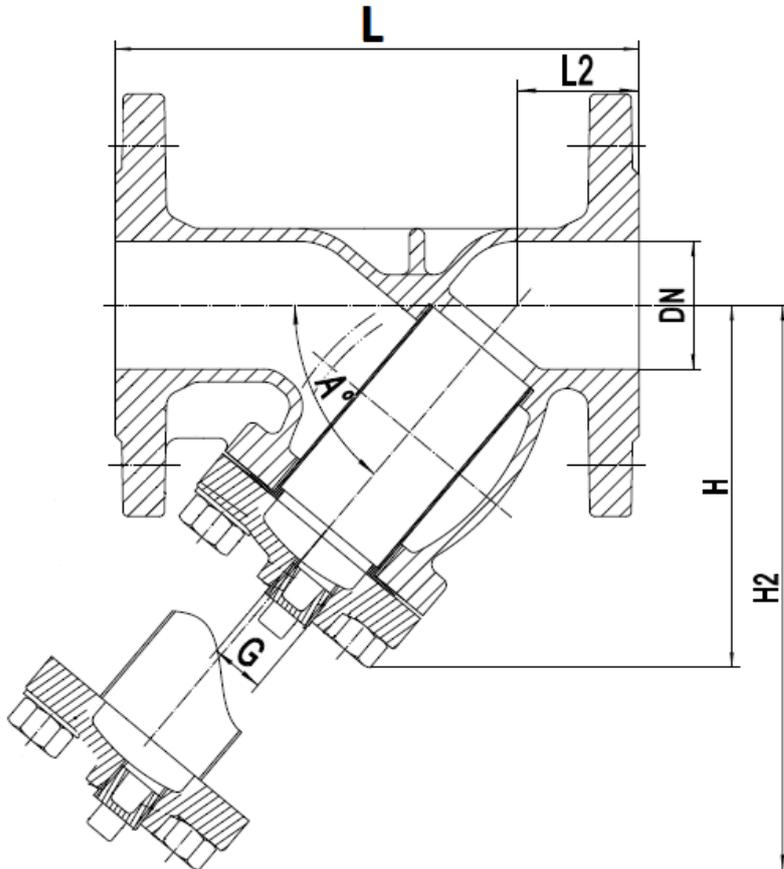
Filter size :



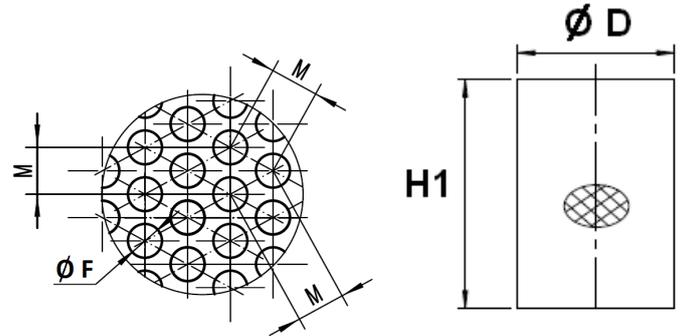
DN	15	20	25	32	40	50	65	80	100	125	150	200
L	130	150	160	180	200	230	290	310	350	400	480	600
L2	39	38	38	43	53.5	70	94	95	97.5	109.5	136.5	189.5
H	76	90	108	117	132	123	148	163	208	248	276	355
H2	112	138	161	186	213	192	234	270	339	400	450	577
A (°)	50	50	50	50	50	55	55	55	55	55	55	55
G (drain)	1/4"	1/4"	1/4"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Ø D	16	22	28	35	41	54	69	85	105	132.5	159.5	212.5
H1	46	60	72	86	101	79	100	119	152	179	202	265
Mesh (Ø F)	1.2					1.5					2	2.5
M	2.4					2.5					3	4
Weig. (Kg)	2.2	3	3.7	5.8	7.1	8.5	11.4	14.2	20.5	31.2	40.2	68
Ref.	220015	220020	220025	220032	220040	220050	220065	220080	220100	220125	220150	220200-220201

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SIZE (in mm) :



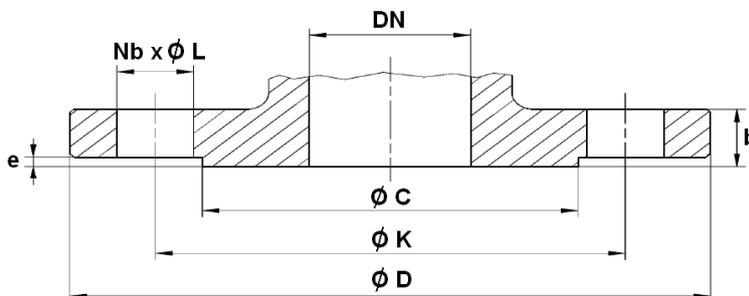
Filter size :



DN	250	300	350	400	450	500	600
L	730	850	980	1100	1200	1250	1450
L2	217.5	250.5	238.6	236.9	300	325	425
H	458	530	648	759	784	856	988
H2	744	878	1024	1211	1260	1385	1585
A (°)	55	55	45	45	50	50	50
G (drain)	1/2"	1/2"	1/2"	1/2"	3/4"		
Ø D	258	307	353	403	460	510	610
H1	344	420	540	650	617	683	779
Mesh (Ø F)	3	3	1.5	1.5	5	5	5
M	5		2.5		7	7	7
Weig. (Kg)	106	146	312	420	510	640	1072
Ref.	220250- 220251	220300- 220301	220350	220400	220450	220500	220600

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FLANGES SIZE (in mm) :



PN	PN10/16										
DN	15	20	25	32	40	50	65	80	100	125	150
Ø C	46	56	65	76	84	99	118	132	156	184	211
Ø D	95	105	115	140	150	165	185	200	220	250	285
Ø K	65	75	85	100	110	125	145	160	180	210	240
Nb x Ø L	4 x 14	4 x 14	4 x 14	4 x 19	4 x 19	4 x 19	4 x 19	8 x 19	8 x 19	8 x 19	8 x 23
b	14	16	16	18	18	19	19	19	19	19	19
e	2	2	3	3	3	3	3	3	3	3	3
Ref.	220015	220020	220025	220032	220040	220050	220065	220080	220100	220125	220150

PN	PN10							
DN	200	250	300	350	400	450	500	600
Ø C	266	319	370	429	480	530	582	682
Ø D	340	405	460	520	580	640	715	840
Ø K	295	350	400	460	515	565	620	725
Nb x Ø L	8 x 23	12 x 23	12 x 23	16 x 23	16 x 28	20 x 28	20 x 28	20 x 31
b	20	22	24.5	36	38	40	42	48
e	3	3	4	4	4	4	4	5
Ref.	220201	220250	220300	220350	220400	220450	220500	220600

PN	PN16		
DN	200	250	300
Ø C	266	319	370
Ø D	340	405	460
Ø K	295	355	410
Nb x Ø L	12 x 23	12 x 28	12 x 28
b	20	22	24.5
e	3	3	4
Ref.	220200	220251	220301

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STANDARDS :

- Manufacturer certified ISO 9001 : 2015
- DIRECTIVE 2014/68/EU : Product excluded from directive (Article 4, § 3)
- Certificate 3.1 on request
- Length according to EN 558 series 1 (DIN 3202-1 F1, NF 29354)
- R.F. flanges according to EN 1092-2 PN10/16

INSTALLATION POSITIONS :

Vertical position (descendand fluid)



Horizontal position



ADVICE : Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages. The customer must check the right choice of the products with the real service conditions.