

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

PRODUCT EVOLUTION



Be careful, our Y strainers Ref.221 are changing:

dimensions are changing and materials too:

Cast iron EN GJL-250 to Ductile iron EN GJS-500-7

**At the end, only the types page 6 with Ductile iron body GJS-500-7
will be available**

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

Cast iron Y strainer flanged PN10/16 for filtration of heating, water distribution, 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 DN300

Connection : Flanges RF PN10/16

Min Temperature : -10°C

Max Temperature : +120°C

Max Pressure : 16 Bars for PN16 types

Caractéristiques : Removable stainless steel filter
Bolted bonnet with draining cap
Silicone Acrylic painting

Materials : Cast iron EN GJL-250 or EN GJS-500-7

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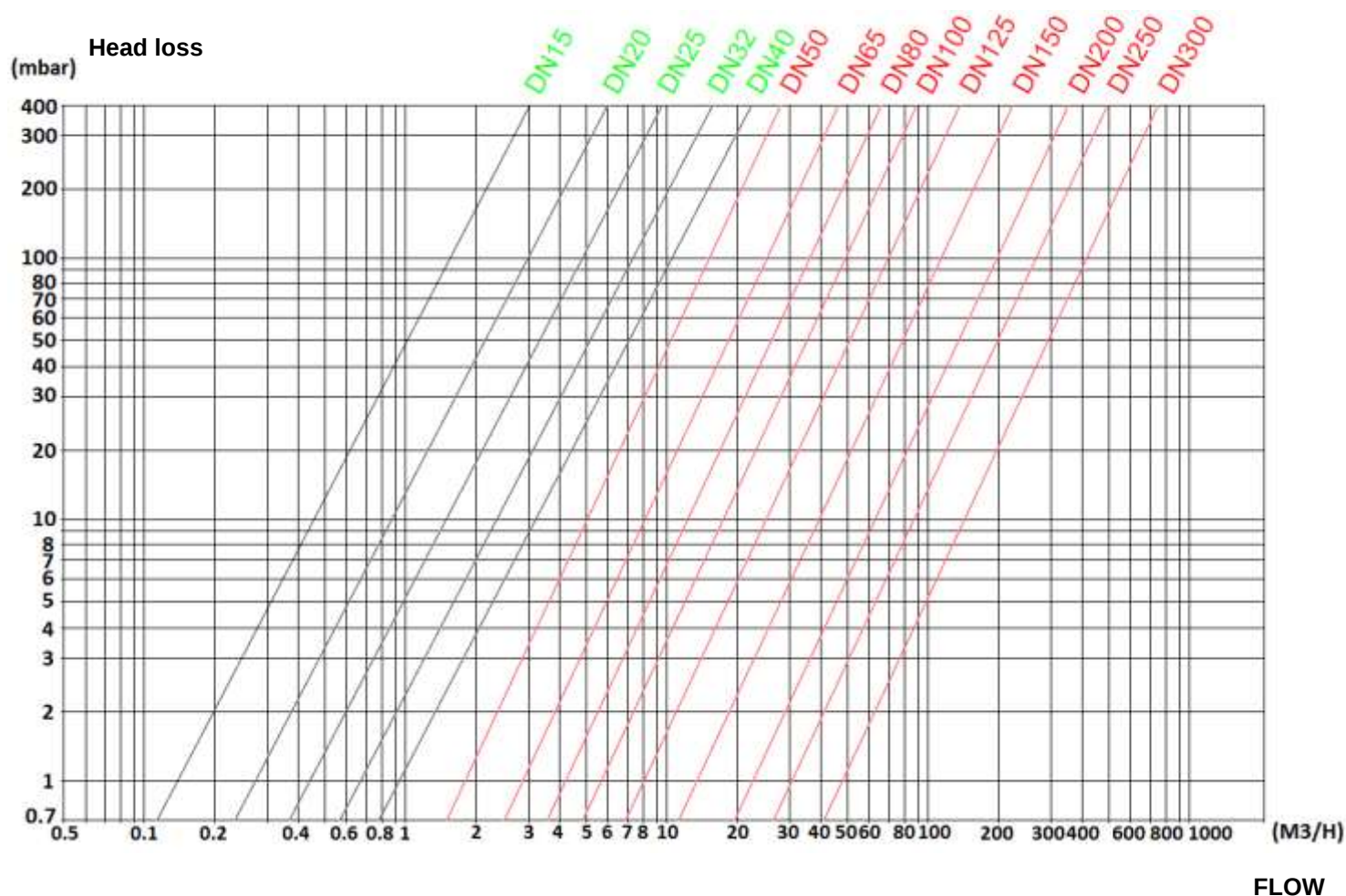
SPECIFICATIONS :

- 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 1mm from DN 15 to 50, 1.3 mm from DN 65 to 150 and 1.6 mm from DN 200 to 300
- Bolted bonnet with draining cap threaded BSP
- Silicone acrylic painting RAL 5005 color, 80-100µm thickness

USE :

- For water, water treatment, heating, irrigation
- Min Temperature Ts : - 10°C
- Max Temperature Ts : + 120°C
- Max Pressure Ps : 16 bars for types PN16, 10 bars for types PN10

HEAD LOSS GRAPH :



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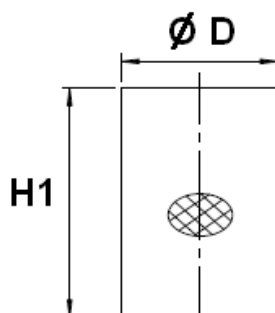
RANGE :

- Cast iron Y Strainer R.F. flanges PN10/16 from DN 15 to 300 **Ref.221**

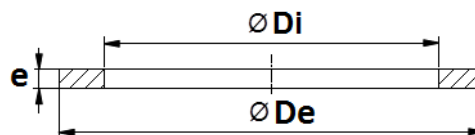
REPAIRABILITY :



SCREEN



BONNET GASKET SS+GRAPHITE

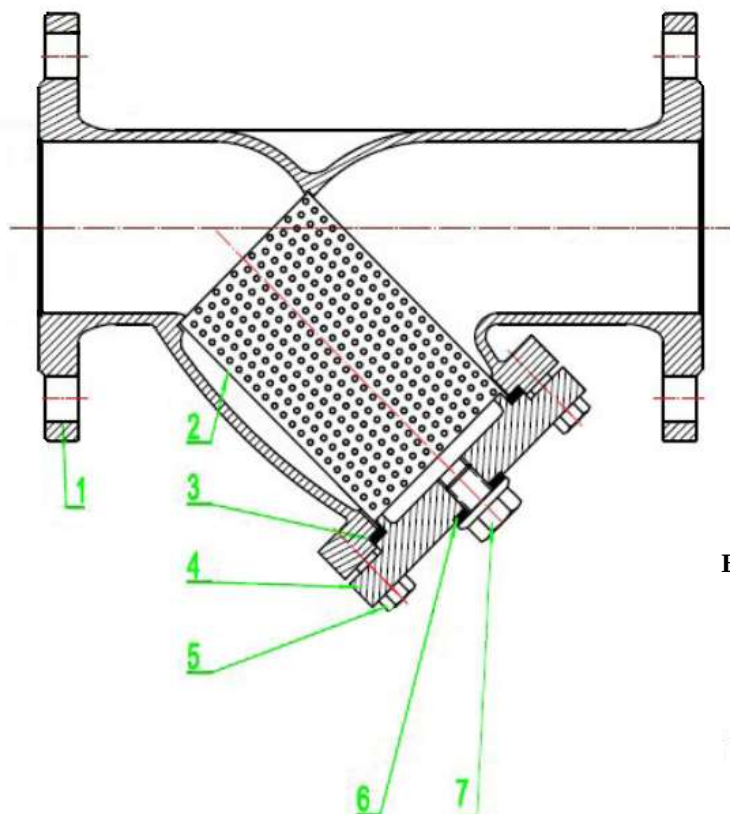


	DN	15	20	25	32	40	50	65	80	100	125
Screen	Ø D	18	25	30	37	43.5	52	67	80	100	130
	H1	51	56	63	70	88	105	127	140	180	215
	Mesh	1						1.3			
	Ref.	9802470	9802471	9802472	9802473	9802474	9802475	9802476	9802477	9802478	9802479
Bonnet gasket	Ø Di	21	27	32	45	45	54	72	86	104	138
	Ø De	33	36	45	55	55	66	86	102	120	154
	e	4						4.5			
	Ref.	9802450	9802451	9802452	9802453	9802454	9802455	9802456	9802457	9802458	9802459

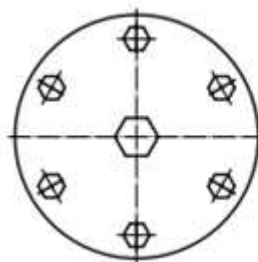
	DN	150	200	250	300
Screen	Ø D	156	205	249	317
	H1	247	300	340	381
	Mesh	1.3	1.6		
	Ref.	9802480	9802481	9802482	9802483
Bonnet gasket	Ø Di	162	212	252	324
	Ø De	178	228	278	350
	e	4.5			
	Ref.	9802460	9802461	9802462	9802463

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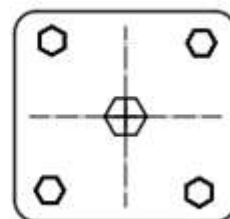
MATERIALS :



BONNET DN125-300



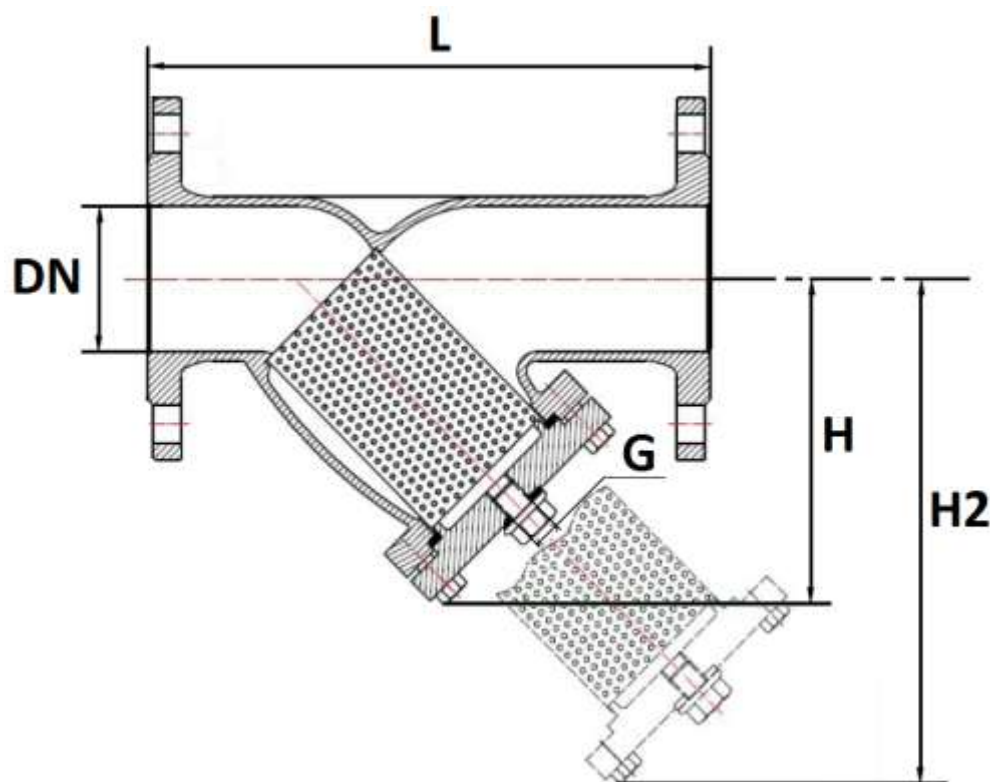
BONNET DN15-100



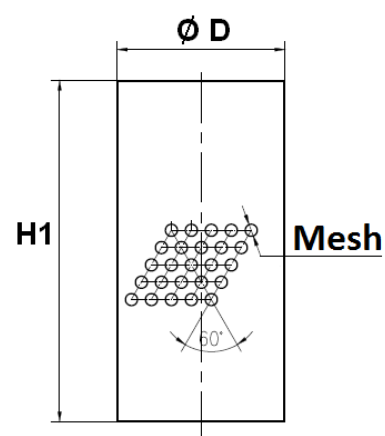
Item	Designation	Materials
1	Body	Cast iron EN GJL-250 or ductile iron EN GJS-500-7
2	Filter	AISI 304
3	Bonnet gasket	Stainless steel + graphite
4	Bonnet	Cast iron EN GJL-250 or ductile iron EN GJS-500-7
5	Bolting	Steel 8.8
6	Draining gasket	Stainless steel + graphite
7	Draining cap	Carbon steel ASTM A105

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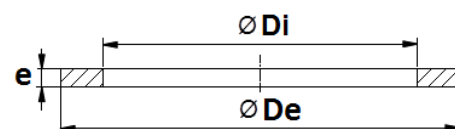
SIZE (in mm) DUCTILE IRON EN GJS-500-7 TYPES :



Screen size :



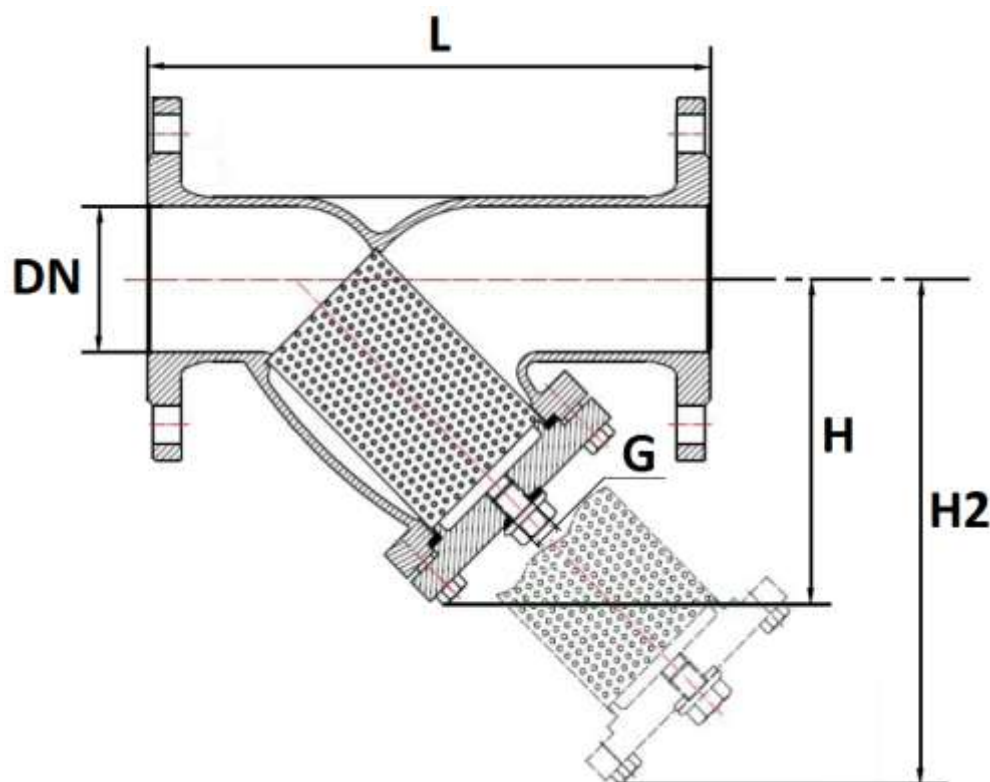
Bonnet gasket size :



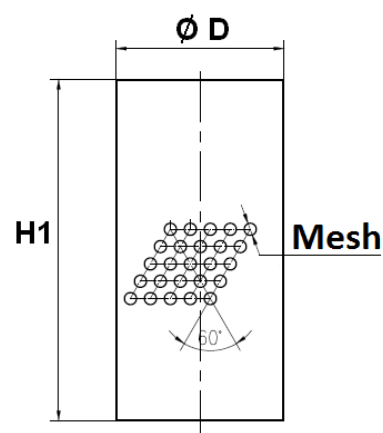
DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850
H	65	75	82	104	106	120	145	170	185	255	300	360	455	500
H2	116	131	145	174	180	225	272	310	365	470	547	660	795	881
G (drain BSP)	1/2"									3/4"				
Ø D	18	25	30	37	43.5	52	67	80	100	130	156	205	249	317
H1	51	56	63	70	88	105	127	140	180	215	247	300	340	381
Mesh	1						1.3				1.6			
Ø Di	21	27	32	45	45	54	72	86	104	138	162	212	252	324
Ø De	33	36	45	55	55	66	86	102	120	154	178	228	278	350
e	4					4.5								
Weight (in Kg)	3	3.5	4	5	6	7.5	10	11	16.5	28	33	52	100	130
Ref.	221015	221020	221025	221032	221040	221050	221065	221080	221100	221125	221150	221200	221250	221300

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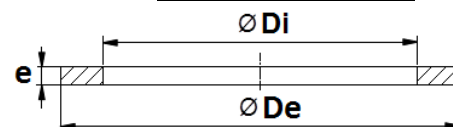
SIZE (in mm) :



Filter size :



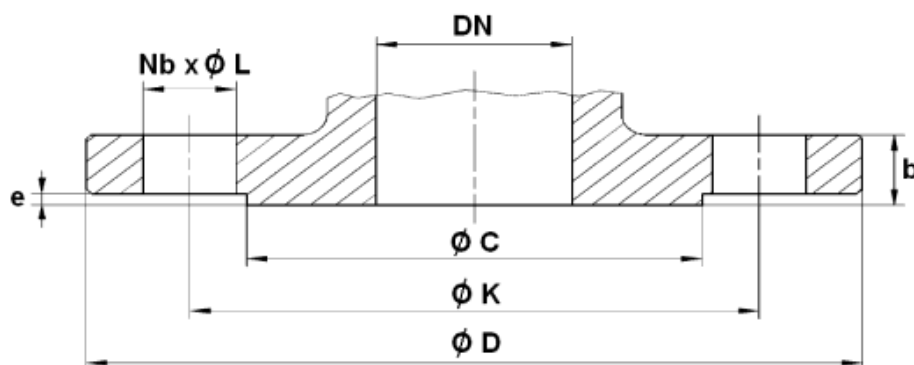
Bonnet gasket size :



DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850
H	68	78	85	104	107	124	147	161	193	257	291	357	460	530
H2	105	118	130	154	169	199	237	260	321	410	466	570	666	786
G (drain BSP)	1/2"									3/4"				
Ø D	18	25	30	37	43.5	52	67	80	100	130	156	205	249	317
H1	51	56	63	70	88	105	127	140	180	215	247	300	340	381
Mesh	1						1.3				1.6			
Ø Di	21	27	32	45	45	54	72	86	104	138	162	212	252	324
Ø De	33	36	45	55	55	66	86	102	120	154	178	228	278	350
e	4					4.5								
Weight (Kg)	2.3	3	3.5	5	6	8	12	14	18	29.5	38.8	68	120	176
Ref.	221015	221020	221025	221032	221040	221050	221065	221080	221100	221125	221150	221200	221250	221300

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FLANGES SIZE PN16 (in mm) :

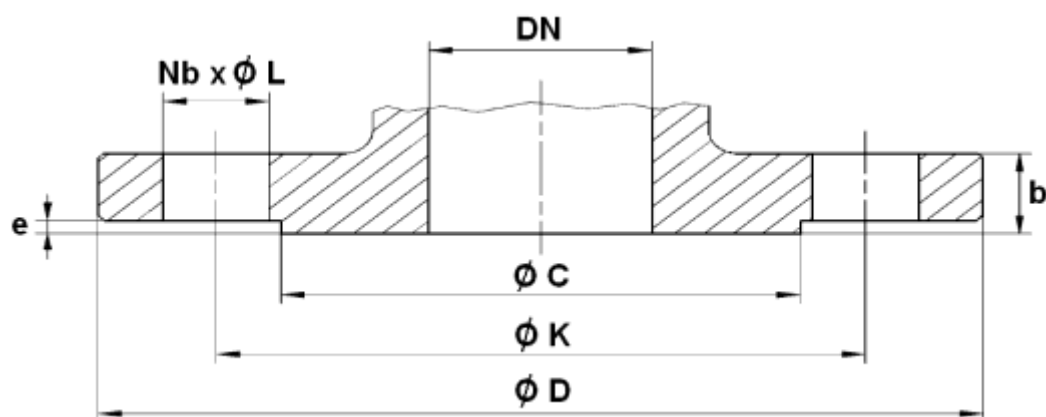


PN	PN10/16								
DN	15	20	25	32	40	50	65	80	100
Ø C	45	57	65	76	84	99	118	132	156
Ø D	95	105	115	140	150	165	185	200	220
Ø K	65	75	85	100	110	125	145	160	180
Nb x Ø L	4 x 14	4 x 14	4 x 14	4 x 18	4 x 18	4 x 18	4 x 18	8 x 18	8 x 18
b	16	16	16	16	18	20	20	20	22
e	1.5	1.5	1.5	1.5	1.5	2	2	2	2
Ref.	221015	221020	221025	221032	221040	221050	221065	221080	221100

PN	PN10/16		PN16		
DN	125	150	200	250	300
Ø C	184	211	263	319	370
Ø D	250	285	340	405	460
Ø K	210	240	295	355	410
Nb x Ø L	8 x 18	8 x 23	12 x 23	12 x 27	12 x 27
b	26	26	30	32	36
e	2	2.5	2.5	2.5	3
Ref.	221125	221150	221200	221250	221300

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FLANGES SIZE PN10 (in mm) :



PN	PN10		
DN	200	250	300
Ø C	263	320	370
Ø D	340	395	445
Ø K	295	350	400
Nb x Ø L	8 x 23	12 x 23	12 x 23
b	30	32	36
e	2.5	2.5	3
Ref.	221201	221251	221301

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STANDARDS :

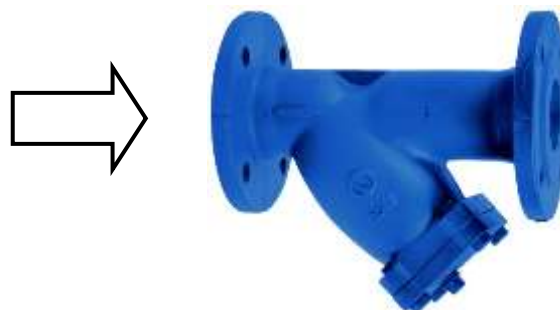
- Manufacturer certified ISO 9001 : 2015
- DIRECTIVE 2014/68/EU : Products excluded (article 4, § 3)
- Certificate 3.1 on request
- Pressure tests according to EN 12266-1
- Length according to EN 558 series 1 (DIN 3202-1 F1 – NF 29354)
- R.F. flanges according to EN 1092-2 PN10/16

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.