

D71

D71 128 5100.232 PN100 DN8-DN50

Forged carbon steel Y strainer

FORGED CARBON STEEL Y STRAINER CLASS 800 SW

Forged carbon steel Y strainer class 800 SW for petroleum industry, steam and high pressure.

Bonnet screwed with draining cap to connect a draining valve.

Stainless steel + graphite gasket.

Compatible with explosive atmosphere, ATEX Zone 1&21 and Zone 2&22.



Size : DN8 to DN50 (NPS 1/4" to 2")

Connection : SW

Min Temperature : -29°C

Max Temperature : +425°C

Max Pressure : 136 Bars (Class 800)

Specifications : Removable stainless steel filter

Bonnet screwed with draining cap

Stainless Steel + graphite gasket

Materials : Forged carbon steel ASTM A105N

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SPECIFICATIONS :

- With draining cap
- Removable stainless steel filter
- Respect the flow direction indicated by the arrow
- Horizontal or vertical position with descendant fluid
- Mesh 8/10° mm (800 μ)
- Class 800

USE :

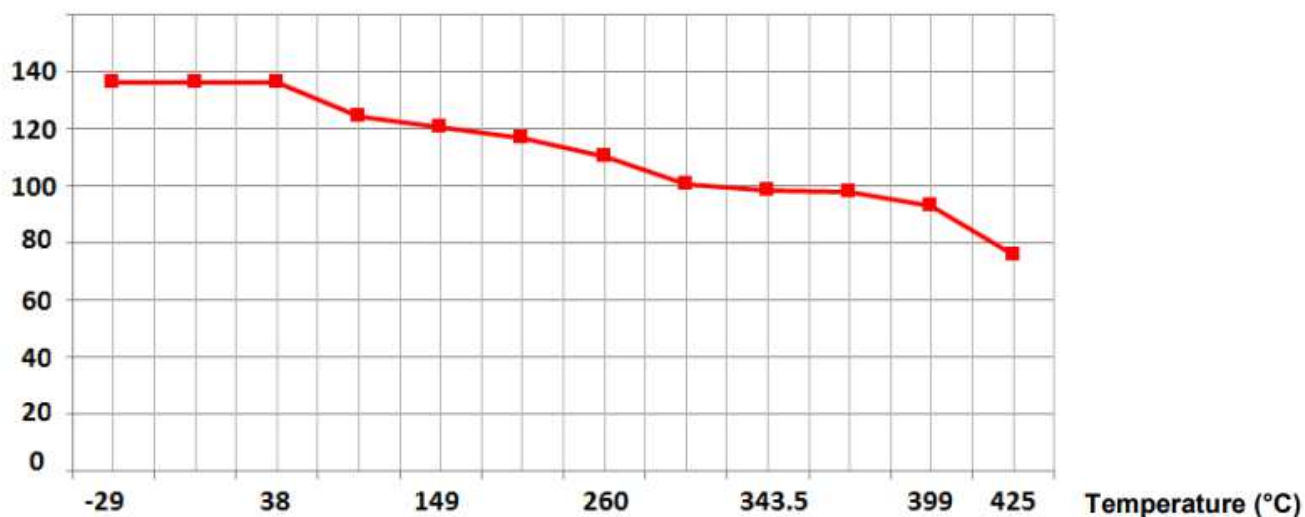
- Petroleum industry, steam, high pressure
- Min and max Temperature Ts : - 29°C to + 425°C
- Max Pressure Ps : 136 bars (see graph)

PRESSURE / TEMPERATURE RELATION :

Pressure (bar)	136.2	136.2	136.2	124,1	120,7	116,6	110	100,7	98,6	97,9	92,7	75,9
Temperature (°C)	-29	0	38	93,5	149	204,5	260	315,5	343,5	371	399	425

PRESSURE / TEMPERATURE GRAPH :

Pressure (Bars)



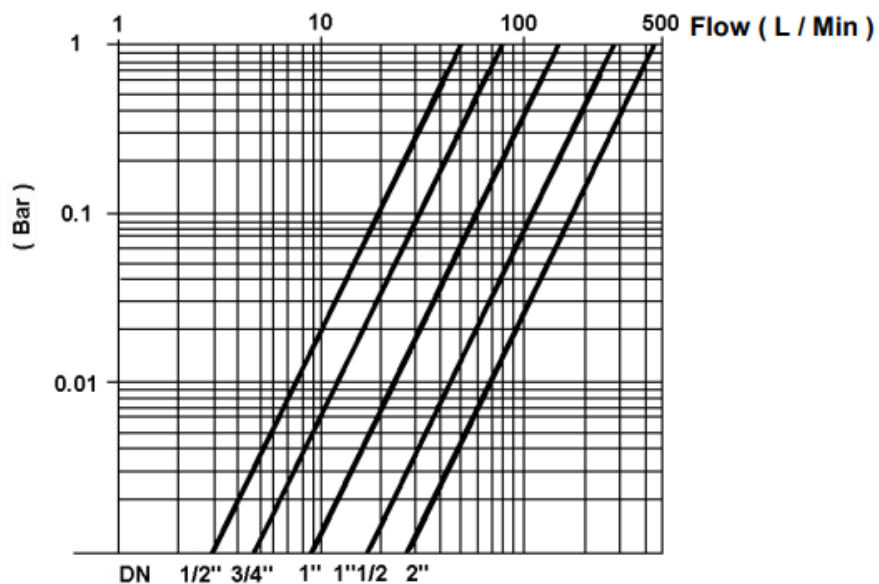
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HEAD LOSS GRAPH :



RANGE :

- Forged carbon steel Y strainer Socket Welding ends **Ref. 232** from DN 8 to DN 50 (NPS 1/4\" to DN 2\")

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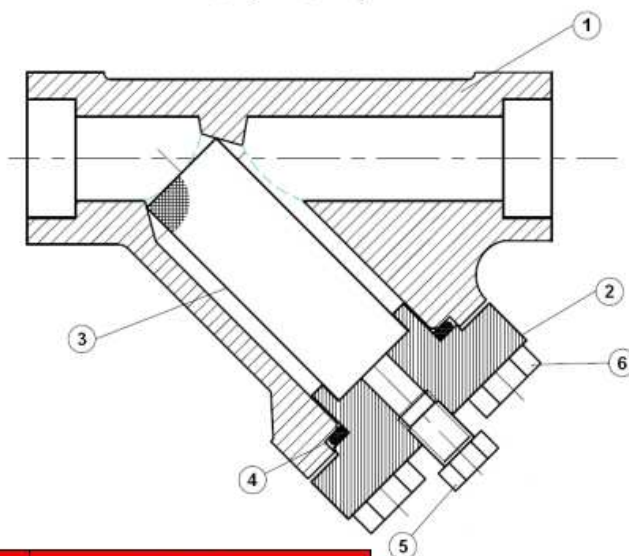
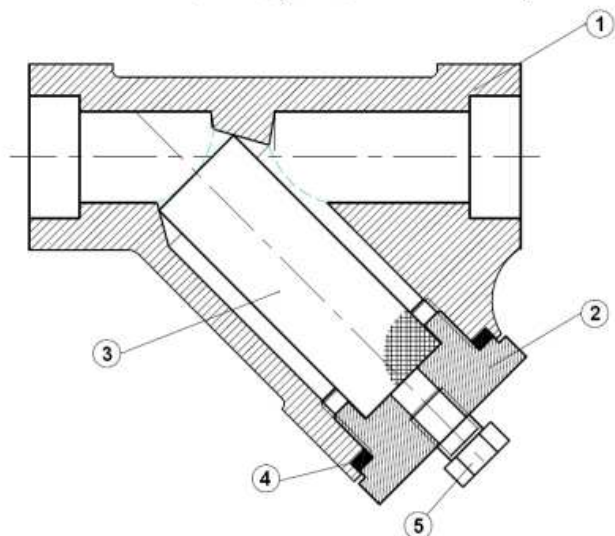
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MATERIALS:

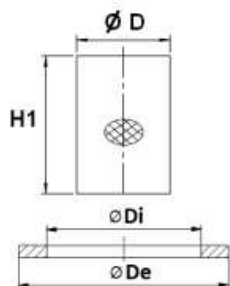
DN 8 – 40 (NPS 1/4" - 1"1/2")

DN 50 (NPS 2")



Item	Designation	Materials
1	Body	ASTM A105 N
2	Bonnet	
3	Filter	AISI ASTM A240 316L
4	Gasket	AISI 316 + graphite
5	Cap	ASTM A105 N
6	Screw (only for DN50, NPS 2")	ASTM A193 B7

REPAIRABILITY :



Item	Designation	DN (mm)	8	10	15	20	25	32	40	50
		NPS (")	1/4"	3/8"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
3	Screen 8/10°	Ø D	18			22	28	41,5		49,5
		H1	41			60	75	100,5		100,5
		Ref.	9801122			9801125	9801126	9801127		9801129
4	Gasket Ep.3,5	ØDi x ØDe	28.5x36			32.5x40	40.5x50	57x70		52.5x63
		Ref.	9801113			9801116	9801117	9801118		9801120

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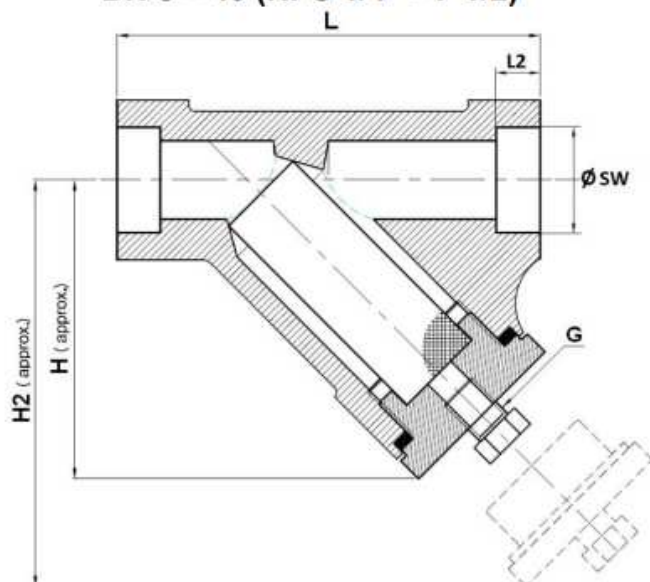
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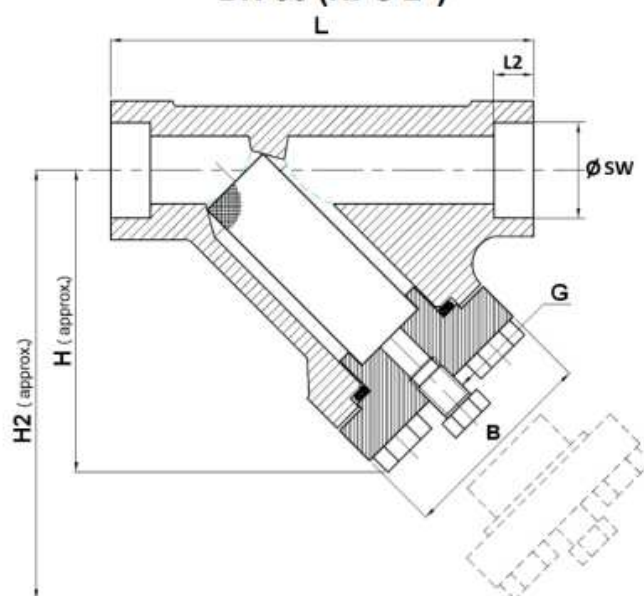
FORGED CARBON STEEL Y STRAINER CLASS 800 SW

SIZE (in mm) :

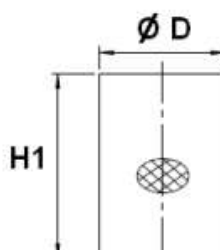
DN 8 – 40 (NPS 1/4" - 1 1/2")



DN 50 (NPS 2")



Filter size :



DN (mm)	8	10	15	20	25	32	40	50
NPS (")	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	90	90	90	110	130	160	160	160
H	60	60	60	75	93	120	120	145
H2	105	105	105	140	155	195	195	205
G (NPT)	1/4"							1/2"
B								90x90
Ø D	18	18	18	22	28	41,5	41,5	49,5
H1	41	41	41	60	75	100,5	100,5	100,5
L2	10	10	10	14	14	14	14	16
Ø SW	14.2	17.6	21.72	27.05	33.78	42.54	48.64	61.11
Weight (Kg)	0.85	0.78	0.73	1.22	1.88	4.75	4.45	6.5
Ref.	232008	232010	232015	232020	232025	232032	232040	232050

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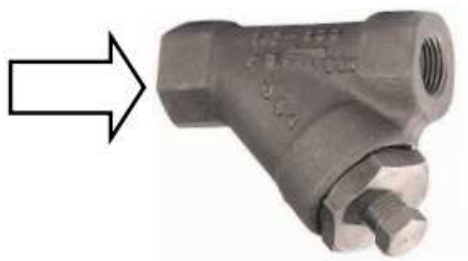
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STANDARDS :

- Manufacturer certified ISO 9001 :2015
- DIRECTIVE 2014/68/EU: For liquids or Gas of Group 1
 - DN8-25: Article 4, §3 (SEP), no CE marking
 - DN32-50: Risk category II, CE 0425 or CE1115 marking
- Certificate 3.1 on request
- Designing according to ASME B16.34
- Pressure Tests according to API 598, table 6
- Socket Welding ends according to ISO 15761
- ATEX Group II Category 2 G/2D Zone 1 & 21 Zone 2 & 22 (optional marking) according to directive 2014/34/EU

INSTALLATION POSITIONS :

Horizontal position



Vertical position (descendand fluid)



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