

FLANGED TYPE «Y» STRAINER

TECHNICAL PASSPORT

FLANGED ASME B16.5 CLASS 150 «Y» STRAINER

F 3230

APPLICATION

Protection of installations and equipment present on them against impurities and large solid particles.

Area of use: heating network, water network.

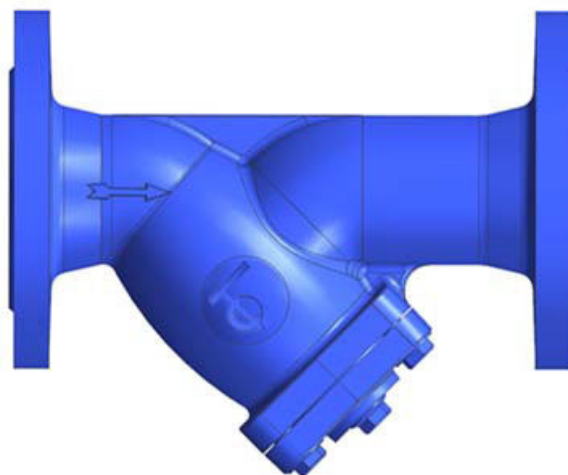


Fluids: steam and other compatible fluids.

GENERAL CHARACTERISTICS

Range: from DN50 to DN300.

- Cast iron body and bonnet (DN50-100) and ductile iron (DN125-300).
- Screen easily removable by loosening the screws on the bonnet.
- Purge plug on the bonnet allowing the evacuation of impurities without disassembly of the strainer.
- Horizontal or vertical descending.
- Direction of installation is indicated by an arrow on the body.
- Epoxy coated body RAL 5019, thickness 80-110 µ.



STANDARDS

Face to face Face to face dimension according to EN 558-1 serie 1 and DIN 3202/1 serie F1.

Connection Flanges according to ASME B16.5 class 150.

Tests Hydraulic tests according to EN12266-1, DIN 3230 and ISO 5208.
- Body : 24 (bar)

PRODUCT APPROVALS



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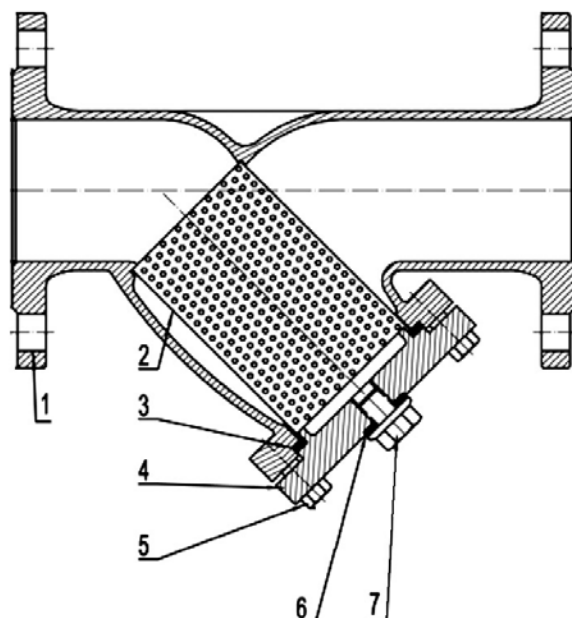


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CONSTRUCTION



Pos.	Q-ty	Description	Material	Equivalences		
				DIN	ASTM	BS
1	1	Body	Cast iron EN-GJL-250 (DN50-125)	GG25	A48 class 40B	1452 Grade 250
			Ductile iron EN-GJS-400 (DN125-300)	GGG40	A536 65-45-12	1563 EN-JS1030
2	1	Screen	Stainless steel 304	X5CrNi18 10	A 182 AISI 304	1449-2 304 S15
3	1	Joint	Graphite			
4	1	Bonnet	Cast iron EN-GJL-250 (DN50-125)	GG25	A48 class 40B	1452 Grade 250
			Ductile iron EN-GJS-400 (DN125-300)	GGG40	A536 65-45-12	1563 EN-JS1030
5	**	Screw	Steel A 105			
6	1	Joint	Graphite			
7	1	Plug	Steel A 105			

** 4 for DN50-100 and 6 for DN125-300

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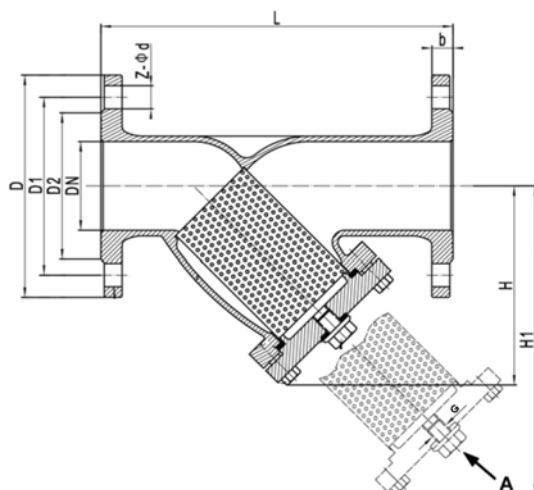


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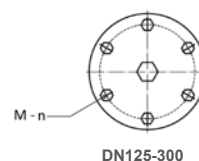
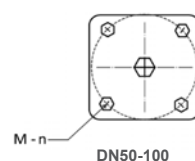
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DIMENSIONS



VIEW A



DN		L	ØD	ØD1	ØD2	b	M	n	z	G	Ød	H	H1	Mesh (mm)	Weight (kg)
mm	inch														
50	2"	230	150	120.7	92	18	M10-35	4	4	1/2"	18.75	145	218	1	8
65	2 1/2"	290	180	139.7	105	18	M10-35	4	4	1/2"	18.75	160	248	1.3	12
80	3"	310	190	152.4	127	22	M12-40	4	4	1/2"	18.75	185	283	1.3	14
100	4"	350	215	190.5	157	22	M12-45	4	8	1/2"	18.75	225	351	1.3	18
125	5"	400	255	215.9	186	26	M16-45	6	8	3/4"	21.875	268	418	1.3	32
150	6"	480	280	241.3	216	26	M16-50	6	8	3/4"	21.875	295	468	1.3	45
200	8"	600	345	298.5	270	30	M16-50	6	8	3/4"	21.875	316	529	1.6	80
250	10"	730	405	362	324	32	M16-50	6	12	3/4"	25	420	662	1.6	130
300	22"	850	485	431.8	381	32	M16-60	6	12	3/4"	25	455	735	1.6	170

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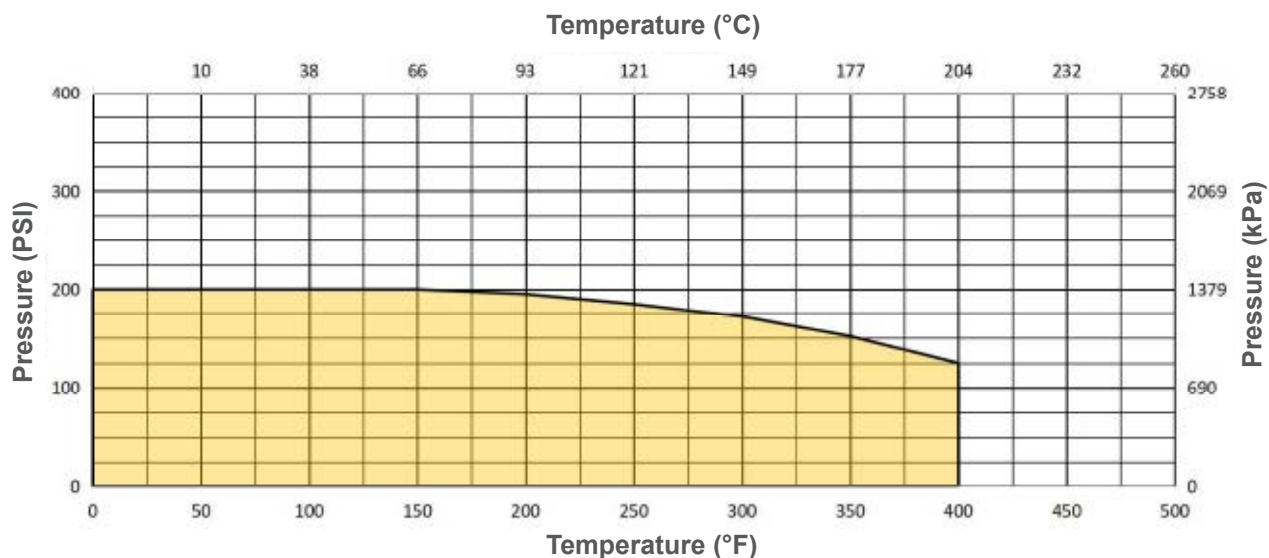


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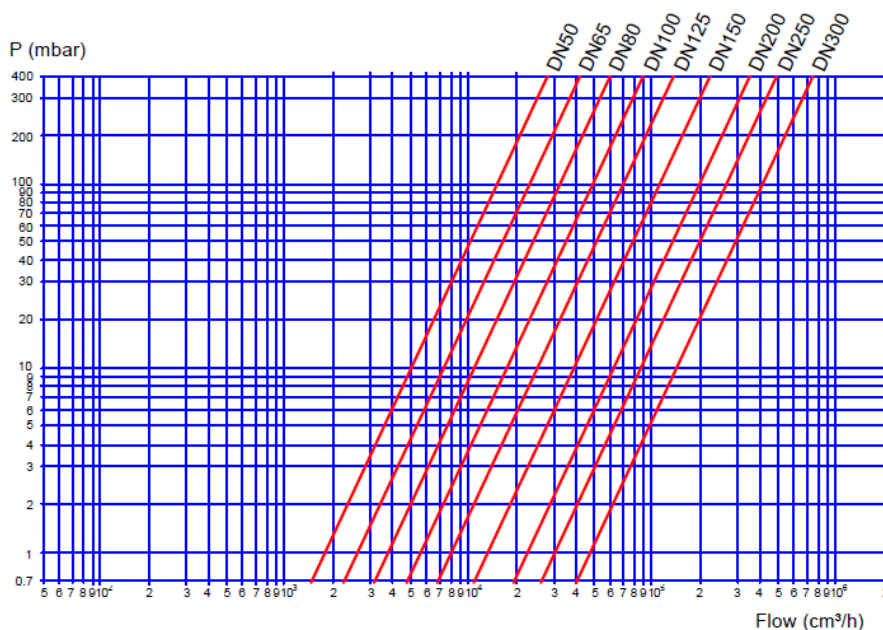
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WORKING CONDITIONS



1 bar - 100 kPa

HEAD LOSS CHART



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ISO 9001
ISO 14001
BUREAU VERITAS
Certification

