

# FLANGED TYPE «Y» STRAINER

## TECHNICAL PASSPORT

### FLANGED PN10/16 «Y» STRAINER STAINLESS STEEL BODY

**F6246**

#### APPLICATION

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

**Area of use:** hydraulic installations, chemical and pharmaceutical networks, petro-chemical industries, compressed air.



**Fluids:** steam and other compatible fluids.



#### GENERAL CHARACTERISTICS

**Range:** from DN15 to DN200.

- Stainless steel body and bonnet
- Stainless steel 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

#### STANDARDS

<b>Face to face</b>	Face to face dimension according to EN 558-1 serie 1 and DIN 3202/1 serie F1.
<b>Connection</b>	Flanges according to DIN2501, EN 1092-2 PN10/16.
<b>Tests</b>	Hydraulic tests according to EN12266-1, DIN 3230, BS 5154 and ISO 5208. - Body : 24 (bar)



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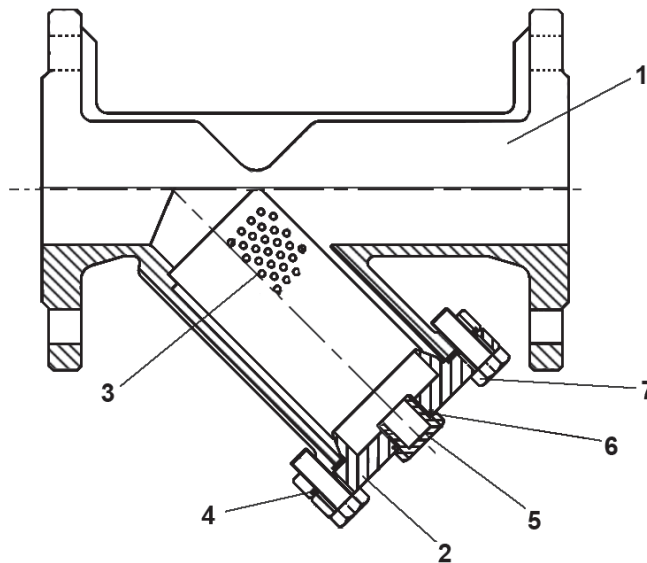
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## DIMENSIONS



Pos.	Q-ty	Description	Material
1	1	Body	Stainless steel CF8M
2	1	Bonnet	Stainless steel CF8M
3	1	Screen	Stainless steel CF8M
4	1	Bonnet gasket	PTFE
5	1	Plug	Stainless steel CF8M
6	1	Joint	PTFE
7		Bolt	Stainless steel 304

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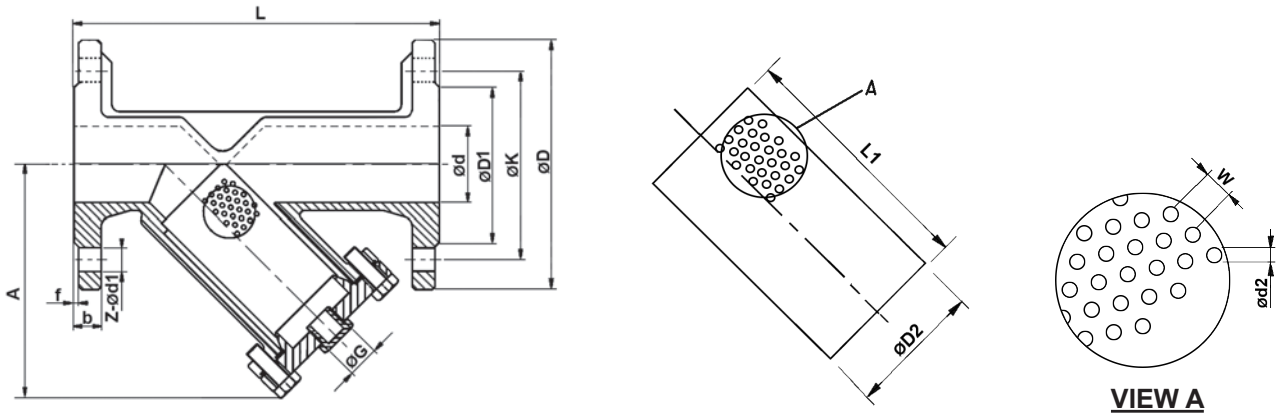
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#### DIMENSIONS



DN		d	A	ØD	ØD1	ØD2	ØK	ØG	L	b	f	L1	P	Ød2	Z-Ød1	Weight (kg)
mm	inch															
15	1/2"	15	75	95	45	22	65	1/4"	130	14	2	58	2	1	4-Ø14	1.79
20	3/4"	20	90	105	58	26	75	1/4"	150	16	2	65	2	1	4-Ø14	2.57
25	1"	25	100	115	68	32	85	1/4"	160	16	2	72	2	1	4-Ø14	3.60
32	1 1/4"	32	115	140	78	37	100	1/2"	180	16	2	83	2	1	4-Ø18	4.72
40	1 1/2"	40	130	150	88	47	110	1/2"	200	16	3	95	2	1	4-Ø18	6.02
50	2"	50	150	165	102	57	125	1/2"	230	18	3	114	2	1	4-Ø18	9.00
65	2 1/2"	65	190	185	122	69	145	1/2"	290	18	3	152	3.5	2	4-Ø18	12.81
80	3"	80	225	200	138	84	160	1/2"	310	20	3	176	3.5	2	8-Ø18	17.36
100	4"	100	230	220	158	105	180	1/2"	350	20	3	180	3.5	2	8-Ø18	20.03
125	5"	125	280	250	188	134	210	1/2"	400	22	3	217.5	3.5	2	8-Ø18	30.00
150	6"	150	300	285	212	164	240	1/2"	480	22	3	216	3.5	2	8-Ø22	40.50
200	8"	200	400	340	268	218	295	1/2"	605	24	3	282.5	3.5	2	8-Ø22 / 12-Ø22	76.90

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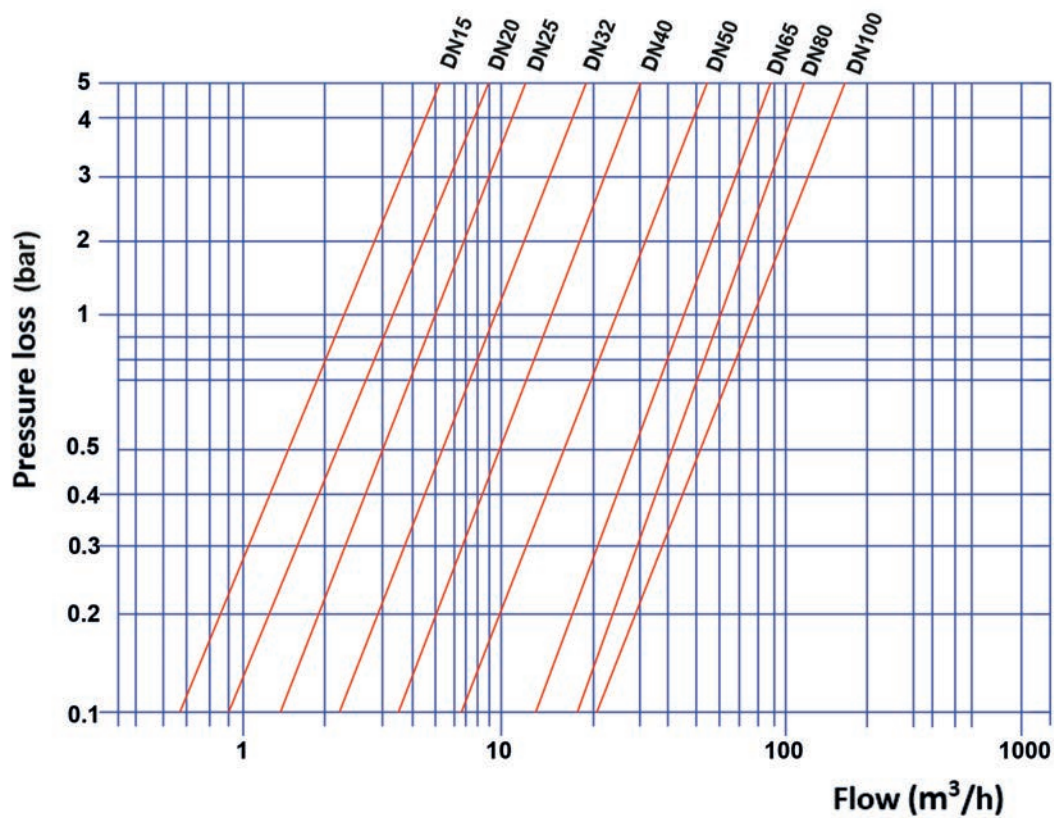
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#### WORKING CONDITIONS

Maximum working pressure: 16 bar  
Maximum working temperature : -25°C / +180°C

#### PRESSURE LOSS CHART



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