

FM276 - PN16 F277 - CLASS 125

Ductile Iron Strainer DN50 - DN300



Features & Benefits

- Scale and dirt in piping systems causes endless trouble and frequently serious damage to pipeline equipment.
- Installation of Crane strainers will help eliminate the problems caused by foreign matter within piping systems
- The FM276 and F277 offer the integrity of manufacture, quality and reliability which are the hallmarks of all Crane products
- Cap tapped and plugged for drain
- Stainless steel strainer element

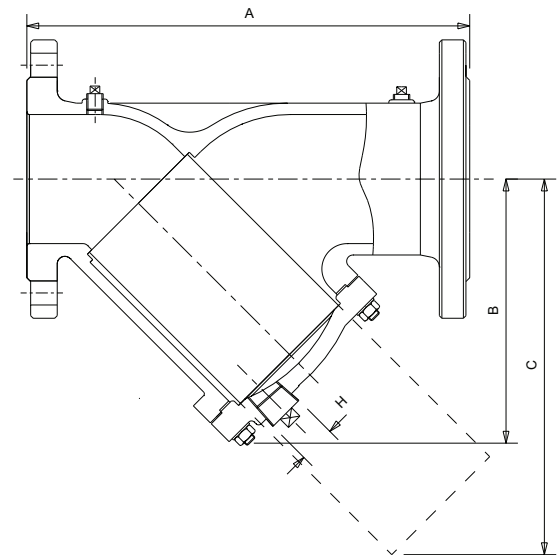
Materials

PART	MATERIAL
Body	Ductile Iron BS EN 1563 EN-GJS-450-10
Cap	Ductile Iron BS EN 1563 EN-GJS-450-10
Gasket	Asbestos Free
Screen	Stainless Steel AISI Type 304
Drain Plug	Malleable Iron
Test Point Plug Rc 1/4	Malleable Iron
Studs	Cast Iron
Bolts	Ductile Iron
Bolts	Cast Iron

Dimensions & Weights

SIZE (mm)	WEIGHT (kg)	A (mm)	B (mm)	C (mm)	H (Rc)	kV
50	10	230	139.2	197	1/2"	58
65	14	290	158.6	227	1"	89
80	18	310	177.5	256	1"	127
100	24	350	197.6	293	1 1/2"	180
125	37	400	269.6	362	2"	268
150	50	480	296.8	407	2"	356
200	89	600	363.4	513	2"	630
250	140	730	471	762	2"	901
300	211	850	605	946	2"	1247

Dimensional Drawing



Pressure/Temperature Ratings - FM276

TEMPERATURE (°C)	-10 to 120	200
PRESSURE (BAR)	16	12.8

Pressure/Temperature Ratings - F277

TEMPERATURE (°C)	-10 to 65	230
PRESSURE (BAR)	13.8	8.6

Intermediate pressure ratings shall be determined by interpolation.

PRESSURE RATING: FM276: PN16 / F277: Class 125

TEMPERATURE OPERATING RANGE:

FM276: -10 to 200°C

F277: -10 to 230°C

UK END CONNECTION: Flanged BS EN 1092-2: PN16 Raised face

US END CONNECTION: Flanged Class 125 BS1560

- Section 3.2/ ANSI B16.1 Flat Face

SPECIFICATION:

Strainers are supplied with a stainless steel perforated strainer element. The mesh screen diameter hole sizes are as follows: DN50 - DN300 1.5mm diameter.

This product is suitable for use on Group 2 liquids only, as defined

by the Pressure Equipment Directive 2014/68/EU – Article 13.*

Bosses drilled, tapped and plugged.

* See page 155 for more information

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