

FM276 PN16

Cast Iron Strainer

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 offers the integrity of manufacture, quality and reliability which are the hallmarks of all Crane products.

Cap tapped and plugged for drain (drain valve sold separately).

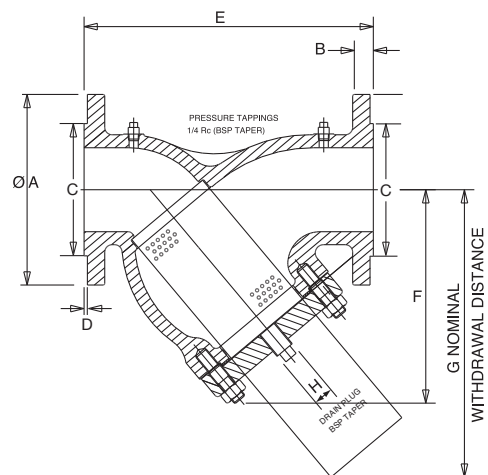
Materials

PART	MATERIAL	SIZES
Body	Cast Iron BS EN 1561 GJL-250	50 - 350
Body	Ductile Iron BS EN 1563 EN-GJS-500/7	400 - 600
Cap	Cast Iron BS EN 1561 EN-GJL-250	50 - 200
Cap	Ductile Iron BS EN 1563 EN GJS 500/7	250 - 600
Gasket	Asbestos Free	All
Screen	Stainless Steel AISI Type 304	All
Drain Plug	Malleable Iron	All
Test Point Plug Rc 1/4	Malleable Iron	All



FM276

Dimensional Drawing



Dimensions & Weights

SIZE (mm)	WEIGHT (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (Rc)	kV
50	13	165	20	102	3	226	142	193	1"	57
65	23	185	20	122	3	290	216	272	1 1/4"	91
80	30	200	22	138	3	306	226	272	1 1/4"	131
100	43	220	24	158	3	350	264	330	1 1/4"	232
125	71	250	26	188	3	399	320	406	1 1/2"	372
150	93	285	26	212	3	480	356	457	1 1/2"	544
200	161	340	30	268	3	600	442	577	2"	952
250	266	405	32	320	3	686	495	696	2"	1470
300	397	460	32	378	4	757	579	828	2"	2151
350	359	520	36	438	4	946	688	988	2"	3018
400	480	580	38	490	4	1076	743	1108	2"	4138
450	630	640	40	550	4	1172	990	1410	2"	5233
500	780	715	42	610	4	1384	1090	1552	2"	6810
600	1080	840	48	720	5	1450	1160	1655	2"	8180

Pressure/Temperature Ratings

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

Intermediate pressure ratings shall be determined by interpolation.

PRESSURE RATING: PN16

TEMPERATURE OPERATING RANGE: -10 to 200°C

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

SPECIFICATION: End flanges conform to BS EN 1092-2 PN16 Section 3.2 table 11 with raised face and are normally supplied drilled.

Strainers are supplied with a stainless steel perforated strainer element having 1.5mm diameter holes: sizes DN50-DN300 and 3.0mm diameter holes: sizes DN350-DN600.

This product is not suitable for use on group 1 gases or unstable fluids, as defined by the Pressure Equipment Directive 97/23/EC.

Bosses drilled, tapped and plugged.