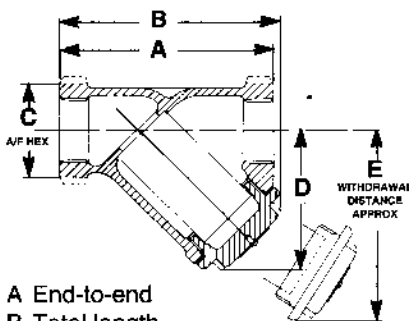


CRANE**PN64****F273**

BS 21 thread

F274

ANSI B1.20.1 thread



A End-to-end
B Total length
(strainer cap in
position)

Malleable Iron Strainers

Threaded BS 21 (ISO7) or ANSI B1.20.1

STAINLESS STEEL STRAINER ELEMENT • SCREWED-IN CAP

PRESSURE/TEMPERATURE RATINGS

Temperature (°C)	-30 to 38	50	100	125	150	175	200	225	250	288
Pressure (bar)	69.0	68.0	63.8	61.7	59.6	57.5	55.4	53.3	51.2	48.0

Temperature (°F)	-20 to 100	150	200	250	300	350	400	450	500	550
Pressure (lbf/in ²)	1000	965	935	900	865	835	800	765	735	700

TESTING

Each strainer is hydrostatically shell tested at 103 bar (1500 lbf/in²).

SPECIFICATION

F273 Sizes 1/2 to 2 - Threaded BS 21 (ISO7) taper.

F274 Sizes 1/2 to 2 - Threaded ANSI B1.20.1 taper.

Strainers are normally supplied with stainless steel perforated strainer elements having 0.75mm (1/32 in approx) diameter holes. Full specification details of standard screens are given on pages 76 and 77.

Flow characteristics and K_v values are given on page 75.

TRIM MATERIALS

Part	Material	Part	Material
Body	Malleable iron	Identification plate	Aluminium
Cap	Austenitic ductile iron	Drive screw	Steel electro brassed
Gasket	Compressed non-asbestos fibre	Screen (standard)	Stainless steel

DIMENSIONS AND WEIGHTS

Size In	A mm	B mm	C mm	D mm	E mm	Wt kg
1/2	74	79	30	51	61	0.37
3/4	89	96	38	64	77	0.54
1	104	110	47	72	92	0.92
1 1/4	137	144	56	100	128	1.55
1 1/2	150	157	65	109	139	2.22
2	178	183	79	126	160	4.17

SPECIFICATION ADDITIONS OR VARIATIONS

Alternative perforated and mesh screens in stainless steel or copper can be supplied - see pages 76 and 77.

Cap drilled to accept drain valve, blow-off valve or drain plug.