

## Fig.816W Strainers

### FEATURES & BENEFITS

- Hattersley strainers will help eliminate the problems caused by foreign matter within piping systems
- WRAS approved range from DN65 to DN150
- WRAS approved for use with wholesome (potable) water
- DN200 is not WRAS approved
- WRAS approved internal and external epoxy powder coating



### MATERIAL SPECIFICATION

Component	Material	Specification
Body	Cast Iron	BS EN 1561 EN-GJL-250
Cap	Cast Iron	BS EN 1561 EN-GJL-250
Gasket	Asbestos Free	-
Stud	Steel	BS 4439 GRADE 8.8
Nut	Steel	BS 4439 GRADE 8.8
Screen	Hole Size Ø1.5mm	Stainless Steel 304
	32% Open Ratio	
Drain Plug	Malleable Iron	-
Test Point Plug Rc 1/4	Malleable Iron	-

### PRESSURE/ TEMPERATURE RATING

PN16  
-10 to 85°C

### END CONNECTION

Flanged to 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 normally supplied with a stainless steel perforated strainer element having 1.5mm diameter holes. This product is not suitable for use on group 2 liquids only, as defined by the Pressure Equipment Directive 2014/68/EU. Bosses drilled, tapped and plugged.

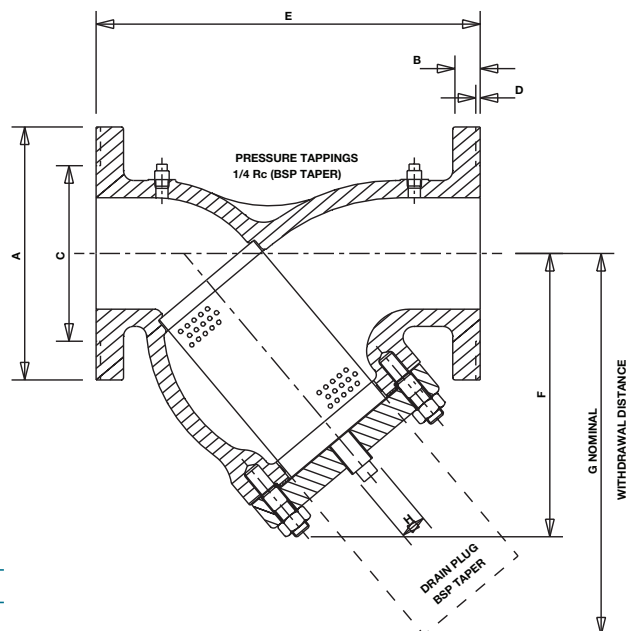
### SCREEN DATA

Nom size	mm	65	80	100	125	150	200
Hole Dia	mm	1.5	1.5	1.5	1.5	1.5	1.5
Free Flow Area	%	32	32	32	32	32	32
Screen Flow Area to Pipe							
Bore Area	%	381	287	272	268	245	227

### DIMENSIONS & WEIGHTS

Size (DN)		65	80	100	125	150	200
A	mm	185	200	220	250	300	340
B	mm	20	22	24	26	28	30
C	mm	122	138	158	188	212	268
D	mm	3	3	3	3	3	3
E	mm	290	310	350	400	480	600
F	mm	210	215	245	297	333	416
G	mm	298	301	350	430	484	611
H	Rc	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	2"
Weight	kg	23	30	43	71	93	161

### DIMENSIONAL DRAWING



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