



Attached Document

# SUCTION STRAINER GENERAL ARRANGEMENT DRAWING

Flowserve Document Title: SUCTION STRAINER GENERAL ARRANGEMENT DRAWING

**Flowserve Document Number : COS 11-10P40239-6404**

**Project Name : FAGEN GAINESVILLE**  
**Customer Name : FAGEN INC.**  
**Customer PO Number : 104009**  
**End User : Gainesville Renewable Energy**  
**Site/Location : FAGEN GAINESVILLE**

**Flowserve Order/Line : COS 11-10P40239**

**Equipment Type : WXH**  
**Equipment Size : 6x15**  
**Flowserve serial no. : M-151532 / M-151533**  
**Quantity : 2**  
**Equipment Service : BFP**

Please complete and return:			
Document Reviewed by:		Document Reviewed date:	
<input type="checkbox"/> APPROVED. NO ACTION REQUIRED <input type="checkbox"/> APPROVED. RE-SUBMIT AS FINAL. <input type="checkbox"/> APPROVED EXCEPT AS NOTED. DOCUMENT WILL BE MODIFIED AND RESUBMITTED AS FINAL. <input type="checkbox"/> REJECTED. CORRECT AND RE-SUBMIT FOR APPROVAL.			

MaC		LOB	00		27/04/2012
PREPARED	CHECKED	APPROVED	Revision No.	Status/Desc	Date Approved

**STRAINER BASKET FILTER**

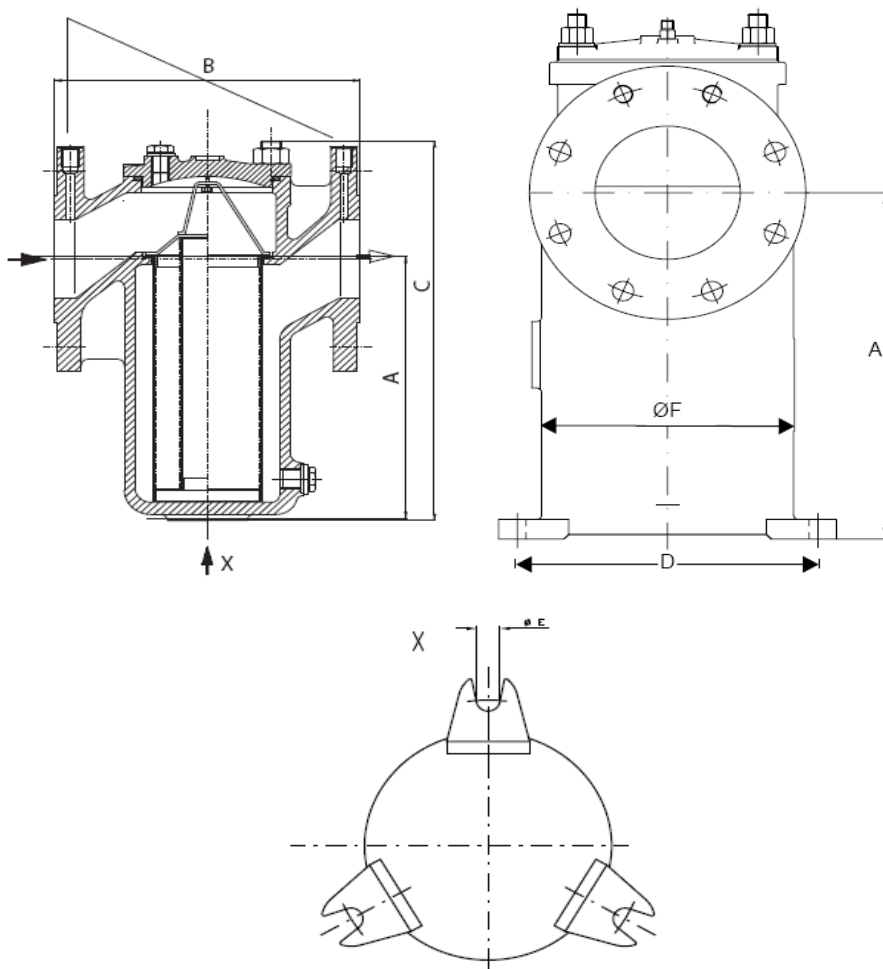
**RF 150LB RATING - KSF**

Rev.	0
Fecha / Date	17/04/2012
Dibujado / Dwn. by	BG
Hoja / Sheet	1 de / of 1

Fabricante / Manufacturer



Cliente / Client	FLOWERVE SPAIN, S.L.
Pedido / P.O.	71650
Ref. / S.O.	2232
Proyecto / Project	FAGEN GAINESVILLE
Suministro / Supply	BASKET STRAINERS
TAG No.	BFW-STR-1003A/B-01



SIZE		
Inch	12"	
mm	300	
Rating	150LB / ANSI B16.5	
STANDARDS		
PED 97/23/EC / AD2000-Merkblatt		
ANSI B16.5 Flange Dimensions		
EN 10204 Certification		
NON DESTRUCTIVE TESTING		
Visual Examination 100%		
Hydrostatic Test to AD2000-Merkblatt		
DESIGN CONDITIONS		
Design pressure (bar)	8,0	
Design temperature (°C)	160,0	
FINISH		
Internal	Anti-corrosion fluid	
Bast clean	SA 2½	
External	1 x 50 µm Silicone Aluminium	
Colour	Aluminium	
BASKET AREA (cm²)	WEIGHT (Kg)	VOLUME (L)
5.610,0	300,0	140,0
NOTES		

DIMENSIONS (mm)						CONNECTIONS				
"A"	"B"	"C"	"D"	"E"	"F"	N1	N2	N3	N4	N5
Base to Centreline	Face to Face	Overall Height	Pitch	Diameter	Body Diameter	INLET	OUTLET	VENT	DRAIN	D.P.
719,0	719,0	1.075,0	530,0	23,0	472,0	12" RF	12" RF	1/4" NPT	1" NPT	1/2" NPT

MATERIALS OF CONSTRUCTION				
Item	Description	Qty.	Material	Remarks
1	STRAINER BODY (Cast)	1	GGG-50	
2	STRAINER COVER (*)	1	GGG-50	
3	STRAINER BASKET (Operation)	1	ST. ST. 316	800 µm lining
3A	STRAINER BASKET (Commissioning)	1	ST. ST. 316	150 µm lining
4	COVER GASKET (O-Ring)	1	VITON	
5	VENT PLUG	1	CARBON STEEL GALVANIZED	
6	DRAIN PLUG	1	CARBON STEEL GALVANIZED	
7	STUDS	1	CARBON STEEL GALVANIZED	
8	NUTS	1	CARBON STEEL GALVANIZED	