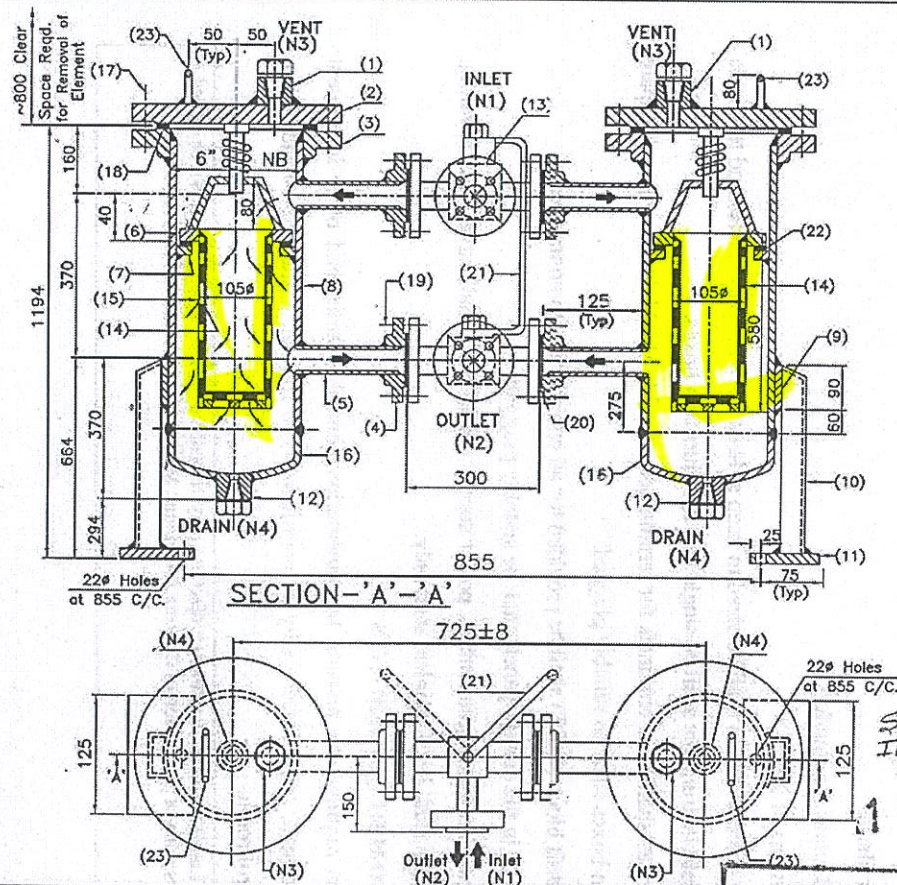


FINISH COAT:- ACRYLIC POLYURETHANE (ONE COAT), DFT- 35 MICRONS (MIN)



**NOTE:-** 1) All dimensions are in mm Unless otherwise specified.  $\Delta$   
 2) All Flange Facing Shall be Serrated Finish 125 AARH.  $\Delta$   
 3) 3 Way Ball Valve Shall be Flow Chem / Shakti Engg. Make,  
M.O.C.: SA216 Gr WCB, & S.S.304 Ball, Teflon Seal  
 4) PAINT (A) Outer Sureface : Surface Preparation : Mechanical

5) All Weld Shall be D.P. Checked only.  $\Delta$


SUBJECT TO  
INCORPORATION OF  
COMMENTS.

17 DEC 2010

~~APPROVED~~

HINDUSTAN DORR OLIVER L  
MUMBAI. W + 1

Surface Preparation : Mechanical Cleaning  
Primer Coat : Epoxy Primer (Dark Red Shade 50 Micron)  
Finish Coat : Polyurethane, Capri Blue Shade (RAL 5013 of RAL-X5)  
3C x 1 Coat = 30 Microns

REV	DATE	DESCRIPTION	REV BY	CHD BY
0	12/11/10	ISSUED FOR APPROVAL	HSG	BJP
1	23/11/10	REVISED AS PER YOUR COMMENT & MARKED 	HSG	BJP

## DESIGN DATA

SIZE	QTY	PACKAGE NAME	TAG No.
80 NB	2 Nos.	FUEL OIL	80-DBS-019-01 / 02
End Conn.(In/Out)	3"NB, Flanged to 150# ASME B16.5, S.O.R.F.		
Degree Of Filtration	80 Mesh, 40 Swg.		
Service	LDO		
Flow Rate / (Velocity)	30 m <sup>3</sup> /hr. / ---		
Viscosity / Sp.Gravity	--- / ---		
Oprt. Press./Temp.	1 kg/cm <sup>2</sup> (g) / 30°C		
Design Pressure/Temp.	5 kg/cm <sup>2</sup> (g) / 45°C		
Hydrotest Pressure	15 kg/cm <sup>2</sup> (g)		
Max.Allow.Press.Drop. at Clean Cond.	0.2 kg/cm <sup>2</sup> (g)		
Filtration Area-Gross/Net	2000 / 425 Cm <sup>2</sup> (Ratio: 9.65 : 1)		
Design Code	ASME Section-VIII, Div.-1		
Weight of Filter	Empty : ~230 Kg. Filled : ~280 Kg.		
Ref.Doc. & Spec.No.	PR-P-130		

23	Handle	2	IS2062GrA	From 16# Rod
22	Gasket for Element	2	Graphite(NonAab.)	3 Thk., STD.
21	Lever for 3-WayValve	1	C.S.	STD.
20	Gasket for (N1/N2)	4	Graphite(NonAab.)	3 Thk., 127 O.D. x 95 I.D.
19	Stud with Two Nuts For (N1/N2)	16	SA193GrB7/ SA194Gr2H	5/8"UNC x 85 Lg.
18	Gasket	2	Graphite(NonAab.)	3 Thk., 215 O.D. x 171 I.D.
17	Stud with Two Nuts	16	SA193GrB7/ SA194Gr2H	3/4"UNC x 110 Lg.
16	Dishend	2	SA516Gr70	6"NB, 10 Thk., Std.
15	Perforated Sheet	2	S.S.304	16G, 6.25" Hole, 8 Trnglr.Pitch
14	Wire Mesh	2	S.S.304	80 Mesh,40 Swg.
13	3Way Ball Valve (RB)	2	SA216GrWCB	3"NB, Fig. 150#, R.F.
12	Drain Coupling (N)	2	SA 105	1"NPT(F), 3000#, with Plug
11	Base Plate	2	IS2062GrB	125 x 100 x 12 Thk.
10	Leg Support (Chennai)	2	IS2062GrB	[ 75 x 40 x 5 Thk.
9	Pad Plate	2	IS2062GrB	6 Thk x 90 x 90
8	Shell	2	SA106GrB	6"NB, Sch-40, Seamless
7	Element Support	2	IS2062GrB	154 O.D x 111 I.D x 10 Thk
6	Element Top Plate	2	IS2062GrB	140 O.D x 106 I.D x 10 Thk
5	In/Out Nozzle(N1/N2)	4	SA106GrB	3"NB, Sch-80, Seamless
4	In/Out Flange(N1/N2)	4	SA 105	3"NB, S.O.R.F., 150#, B-16.5
3	Shell Flange	2	SA 105	6"NB, S.O.R.F., 150#, B-16.5
2	Cover Flange	2	SA 105	6"NB, B.L.R.F., 150#, B-16.5
1	Vent Coupling (N3)	2	SA 105	1/2"NPT(F), 3000#, with Plug
S.N.	DESCRIPTION	QTY.	MAIL	SIZE

## BILL OF MATERIAL

**GUJARAT OTOFILT**  
(An ISO 9001:2008 Cert. Company)  
Plot No.-3712, Phase-IV, G.I.D.C.  
Vatva, Ahmedabad-382 445.  
Ph: (079) 25841164/1602, Fax: 25  
E-mail ID : [gof@oify.com](mailto:gof@oify.com)

TITLE :- Duplex Basket Filter

(SIZE : 3"NB,150#)  
(Item Code : BPSTF1000315)

SCALE :- N.T.S	FILE No: 7866D3
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A.O.No :- 7866	DATE :- 14/11/20
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CLIENT:- Hindustan Dorr Oliver Ltd.
Project No.: BYC-2090127
P.O.No:- 4520006118, Date:-10/11/2010

ACAD BY	HSG
CHD BY	B. J. PATEL

DRG No :-	REV
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