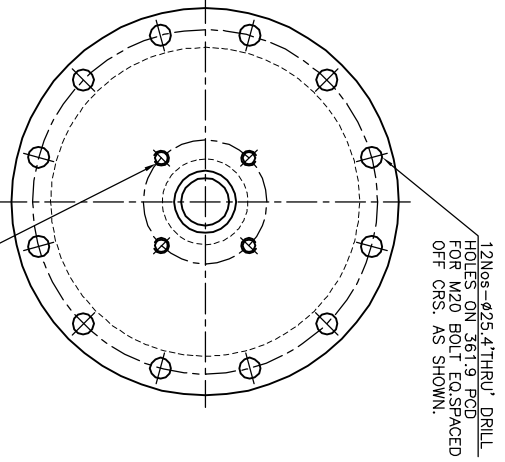
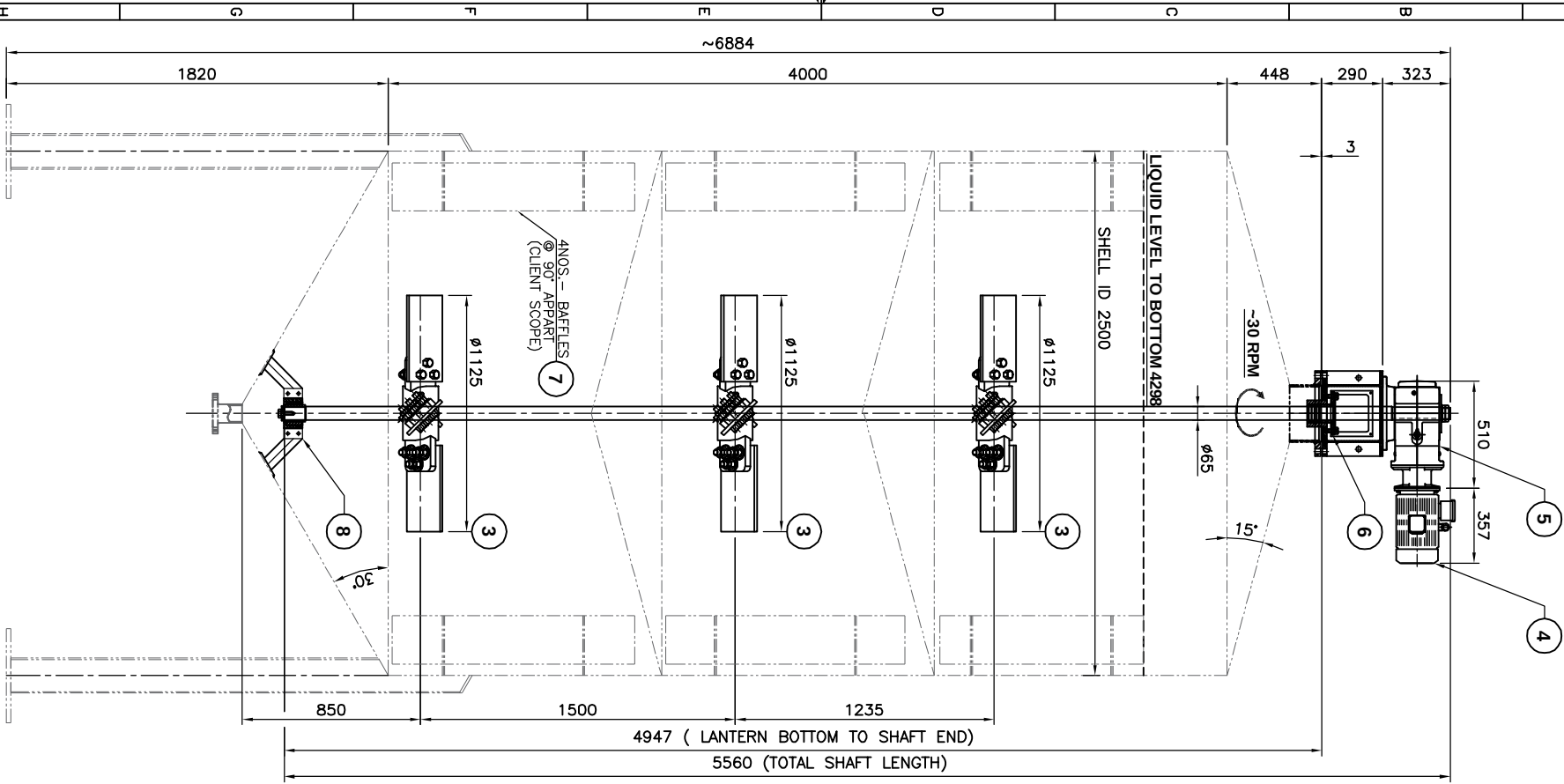
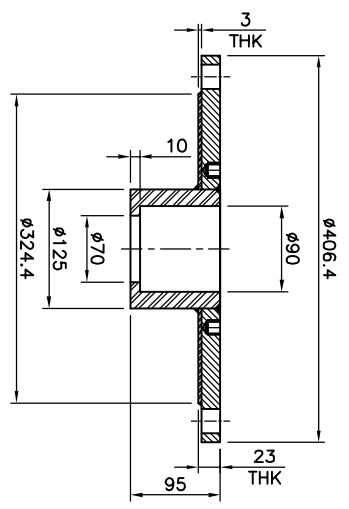
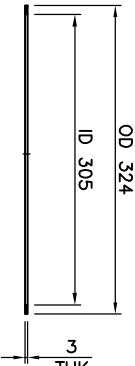




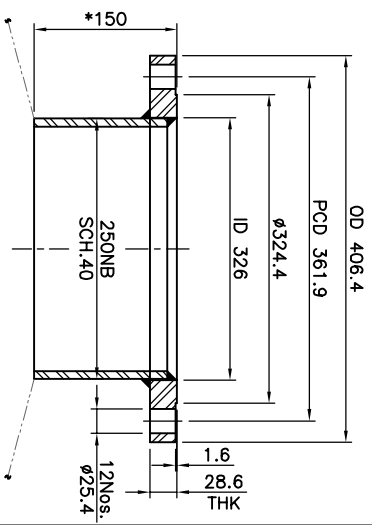
PLAN
TAPPED HOLES ON 130 PCD FOR M16 BOLT OFF CRS. AS SHOWN.



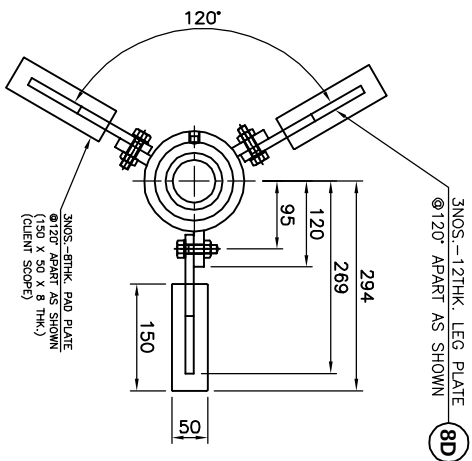
ELEVATION
250NB CLASS 150# AS PER ANSI B16.5
(MIXER SIDE ACME SCOPE)



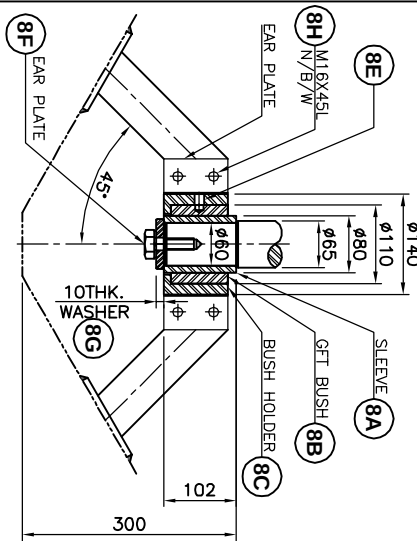
GASKET DETAIL
(VESSEL SIDE)
(CLIENT SCOPE)



ELEVATION
250NB CLASS 150# AS PER ANSI B16.5
(TANK SIDE CLIENT SCOPE)



PLAN



ELEVATION
STEADY BEARING DETAILS

- NOTES :**
- * ALL DIMENSIONS ARE IN MM.
 - * POWER IN KW/IMPELLER SPEED IS IN RPM.
 - * AGITATOR MOUNTING DETAILS TO BE CONFIRMED BY CLIENT.
 - * AGITATOR MOUNTING FASTENERS & GASKET ARE IN CLIENT SCOPE.
 - * SHAFT DEFLECTION 1mm/m.
 - * MINIMUM OPENING REQD IS 450 mm TO PASS THE IMPELLER.
 - * ST.H.T, TOP & BOTTOM DISH HEIGHT TO BE CONFIRMED BY CLIENT
 - * AGITATOR SHOULD NOT BE RUN WITHOUT STEADY BEARING.
 - * TO BE CONFIRMED BY CLIENT.

MIXER DATA

1	MIXER MODEL	AGBHS-2.2
2	MATERIAL OF MIXER	-
	PROCESS PARTS	SS316
	NON PROCESS PARTS	MS
3	IMPELLER SPEED	~30 RPM
	CRITICAL SPEED	284 RPM
	IMPELLER TIP SPEED	1.77 m/sec
	PRIMARY FLOW RATE	100.84 m ³ /min
	IMPELLER TYPE	PBT
	IMPELLER DIA X NO.OF BLADE	1125 X 4
	NO.OF IMPELLER	3 NOS.
4	MOTOR / 4POLE	2.2KW /IP55/TEFC/STD/EFF1/IE2
	SPEED(REV/MIN)	1430
	FRAME	100L
	RATING(V/Pn/Hz)	380/3/50
5	MAKE	CCCL
	GEARBOX (BEVEL HELICAL)	SK 9042
	RATIO	RR : 47.67
6	SHAFT SEALING (465)	BONFIGLIOLI
	MAKE	ACME DESIGN
7	MAX.FORCE ON EACH BAFFLE	280.41 N
	QTY-4NOS.	
8	BOTTOM SUPPORT	THE VESSEL MANUFACTURER.
	A SLEEVE	STEADY BEARING.
	B BUSH	
	C BUSH HOLDER	
	D SUPPORT PLATE	
	E HARDWARE	
	F SHAFT HARDWARE	
	G WASHER	
	H SUPPORT HARDWARE	
9	DESIGN DATA	-
	DOWNWARD LOAD	2292 N
	TORQUE	1236 Nm (SF-2)
	BENDING MOMENT	1050 Nm
10	MIXER WEIGHT	50 Kg
	GEARBOX	36 Kg
	SHAFT/IMPELLER/ ST.BEARING	217.24 Kg
	COUPLING/SEAL/LANTERN	
	TOTAL	303.24 Kg
11	PROCESS DETAILS	-
	SPECIFIC GRAVITY	1.1
	VISCOSITY	100 cPs
	WORKING PRESSURE	ATM
	DESIGN TEMPERATURE	100°C
	OP.VOLUME (m3)	20

00	AS PER DATA SHEET FOR APPROVAL	SSS	17/01/2017	SHIVA	CLIENT
REV.	DESCRIPTION	DRAWN	DATE	CHECKED	APPRD
	ACME PROCESS SYSTEMS.				
	SECTOR NO-7 PLOT NO-311				
	PONDITABHOSARI,PUNE-411026,				
	MAHARASTRA,INDIA.				
CLIENT :	ALFA LAVAL INDIA LTD.	ACME S.O. NO.:	-		
PURCHASE ORDER NO. :	LOI	DATE :	-		
DRN :	SSS	PROJECT:	-		
CHD. :	SHIVA	JOB NO.:	-		
APPD. :	CLIENT	REF.DRG. NO.:	-		
DATE :	17/01/2017	SIZE :	A2		
SCALE :	1:18	SHEET :	1 OF 1		
MAT. :	SS316+MS	REV. :	1		
QTY. :	1NO.	DRG. NO. :	APS0000101		
AGITATOR GA FOR RETENTION TANK					
TAG.NO-19R02					
ALL DIMENSION ARE IN mm. UNTIL & UNLESS SPECIFIED					