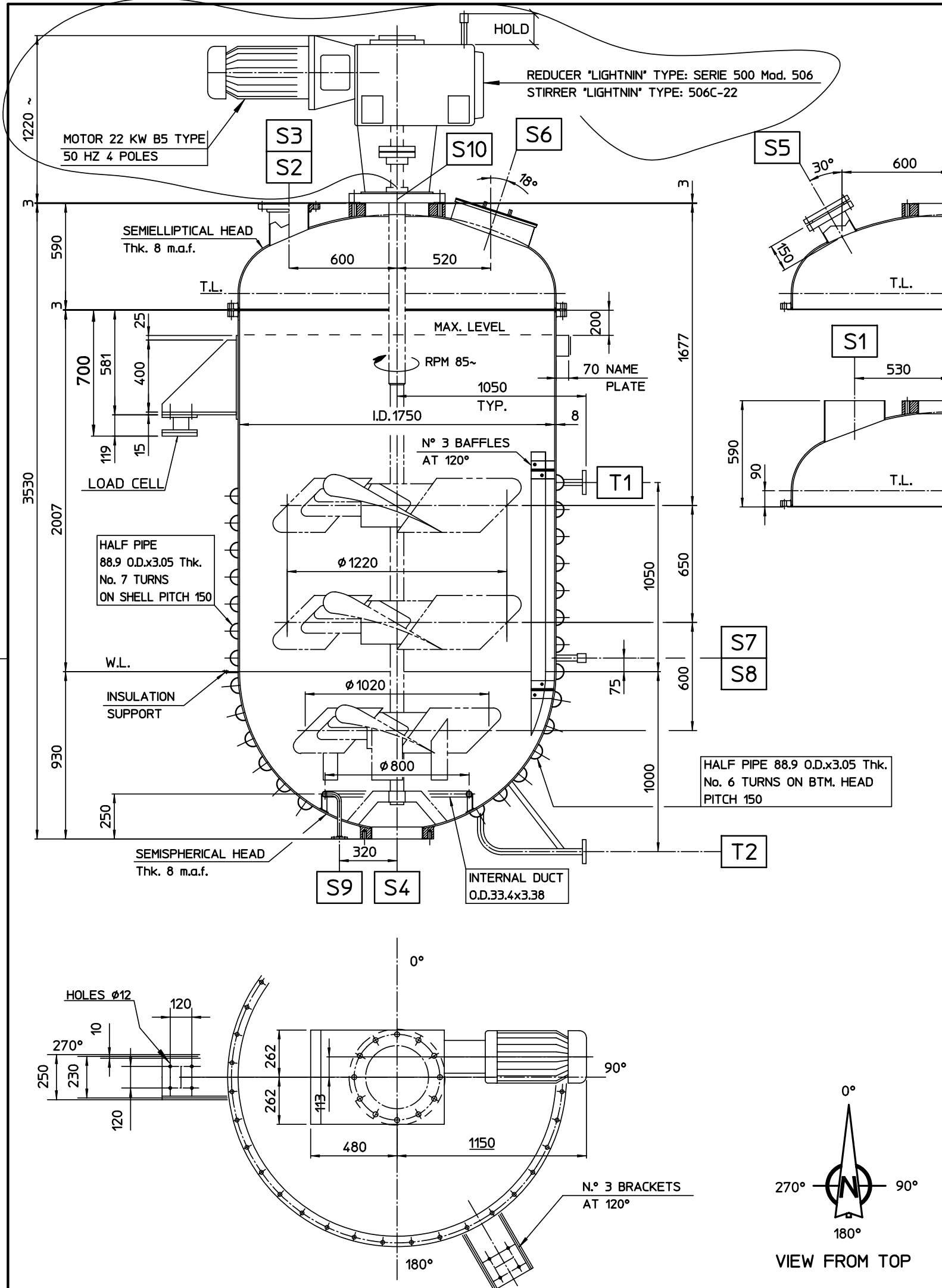


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<div></div>	ITEM <b>63A1B</b>		CUSTOMER _____				DWG. <b>1E35. 35 . 1113-1</b>					
			<b>SLURRY PREPARATOR</b>						FLOW SHEET <b>1E35 . 10 . 1104</b>			
			N°REQUIRED <b>1</b>		PLANT <b>SABIZ</b>		JOB <b>1E35Z</b>		SHEET <b>1</b> OF <b>1</b>			

Rev.	Date	Drawn	Description								
0	06.07.10	G.R.	ISSUED FOR INFORMATION								
1	22.09.10	O.C. GR	ISSUED FOR CONSTRUCTION - ORIENTATION AND CELLE DEFINED								
2	12-01-11	G.R.	STIRRER DWG. NUMBER ADDED WHERE INDICATED WITH Ⓢ								
3											
4											

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NOZZLES							DESIGN DATA		SHELL	TUBE	JACKET	
POS.	SIZE	RATING/FACING	N°	SERVICE	THK.	NOZZLES ORIENT.	OPERATING PRESSURE	Bar (g)	ATM	6		
S1	324x324	AS DWG.	1	SOLID INLET	4	0°	DESIGN PRESSURE	Bar (g)	ATM	8		
S2	8"	L.J. 150#	1	LIQUID INLET	3.76	45°	HYDROSTATIC TEST PRESSURE	Bar (g)	FILLING H2O	11.2		
S3	6"	L.J. 150#	1	VAPOR OUTLET	3.4	315°	PNEUMATIC TEST PRESSURE	Bar (g)	-	-		
S4	10"	ANSI R.F. 150#	1	SB OUTLET	/	⌀	OPERATING TEMPERATURE	°C	60	164		
S5	6"	AS DWG.	1	SIGHT GLASS	3.4	180°	DESIGN TEMPERATURE	°C	85	175		
S6	O.D. 458	AS DWG.	1	MANHOLE	4	225°	FLUID/SPECIFIC WEIGHT	1.15~1.3 Kg/dm3	SLURRY	STEAM		
S7	1" F	ASME B1.20.1 NPT 3000#	1	TI CONNECTION	2.77	270°	HEAT EXCHANGE SURFACE	m2	-	5.5~		
S8	1" F	ASME B1.20.1 NPT 3000#	1	TE CONNECTION	2.77	315°	HEAT TREATMENT		-	-		
S9	1/2"	S.O.-R.F. 150#	1	STEAM INLET	2.11	45°	X-RAY TEST		-	-		
S10	14"	ANSI R.F. 150#	1	STIRRER CONNECTION	/	⌀	PENETRATING LIQUIDS TEST		-	-		
							JOINT EFFICIENCY		0.7	0.7		
							CORROSION ALLOWANCE	mm	-	-		
							GEOMETRIC CAPACITY	litri	7163~	180~		
							INSPECTION INSTITUTE	CUSTOMER				
							CALCULATION CODE	STD. BALLESTRA				
							WEIGHTS					
T2	1"	S.O.-R.F. 150#	1	CONDEN. OUTLET	2.77	90°	EMPTY	1930	Kg	OPERATING	10180	Kg
T1	1"	S.O.-R.F. 150#	1	STEAM INLET	2.77	135°	WITH STIRRER	2780	Kg	WATER FILLED	9965	Kg

NAME PLATE POSITION		315°	STD. DETAILS		ENCLOSED DWG.
SHELL	A 240 304		WORKING DWG.	1E35-30-1112/0	
HEAD	A 240 304		STIRRER DWG. (FOR REFERENCE ONLY)	1A5572A rev.1 Ⓢ	
LUMPS "S4-S10"	A 105+A 240 304		STUB ENDS	ST. 1073/0	
FLANGES	A 105		MANHOLE	ST. 0145/2	
FLANGES "S9-T1-T2" COUPLINGS "S7-S8"	A 182 F 304		SIGHT GLASS "S5" TYPE "K"	ST. 40884/1	
MAIN FLANGES	A 266 Gr.2		GENERAL NOTES	SB-PRS-SP001/0	
NOZZLES	A 312 Tp. 304		PAINTING	SB-ATI-SP002/4	
NOZZLES "S1-S6"	A 240 304		NAME PL. HOLDER	ST. 0377/1	
STUB ENDS	S.S. 304		NAME PLATE	SB-PRS-00120/1	
HEATING COIL - INTERNAL DUCT	A 312 Tp. 304				
BRACKETS	CARBON STEEL				
GASKETS	SEE SP.1444/1				
STUD BOLTS	A 193 B7				
NUTS	A 194 2H				
STIRRER	SS 304				
			INSULATION : 50 mm. ( 22 m2 )		

NOTE : No. 3 LOAD CELL "TEA" TYPE: CTC22 - C2S 5 t. "BALLESTRA" S SUPPLY"

RIF 2C5Z-30-009