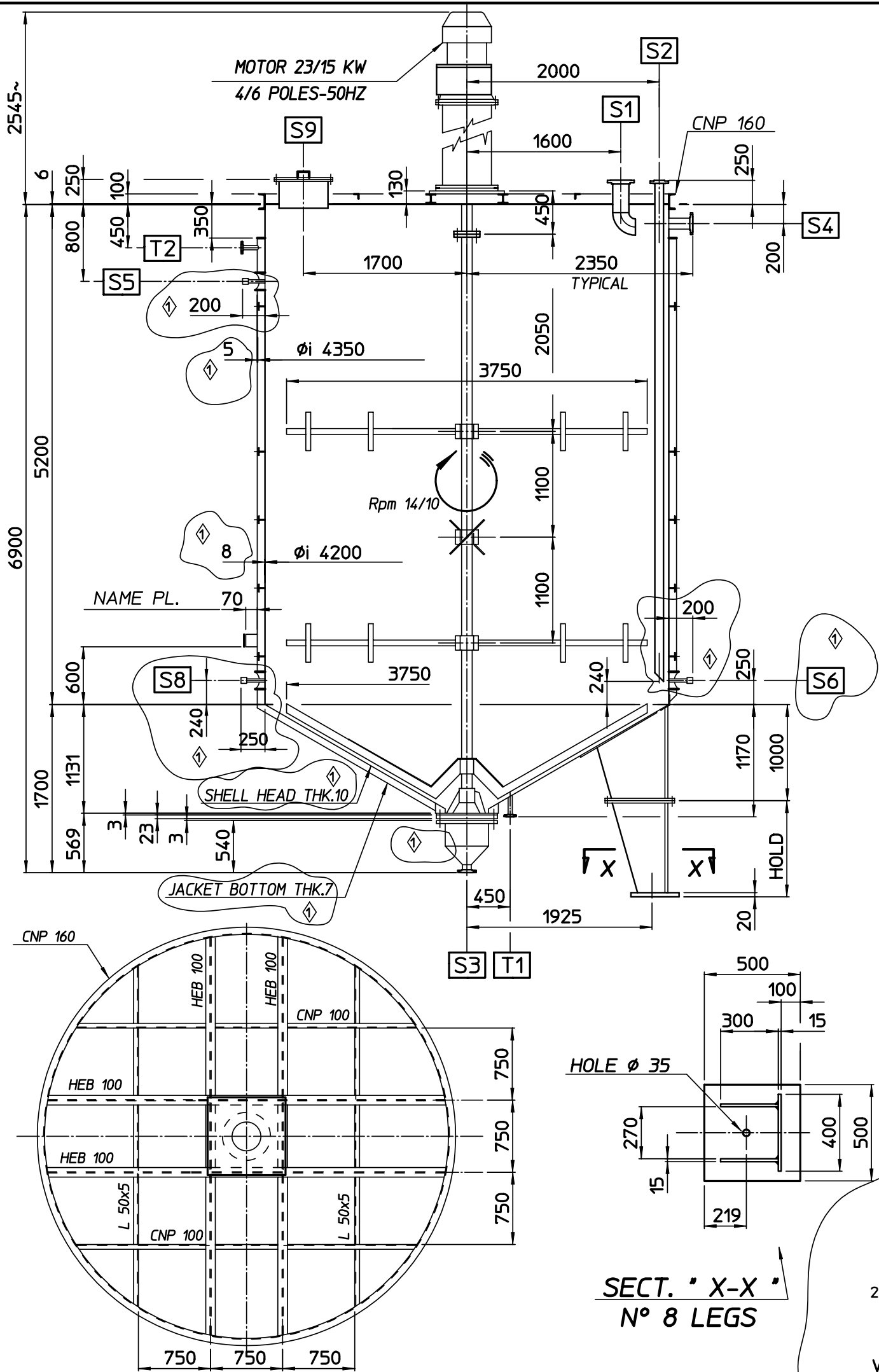


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desmet ballestra

ITEM **77A1/2**

N°REQUIRED **2**

CUSTOMER

FAS PASTE TANK

PLANT SLS DRYING UNIT

JOB **1E35**

DWG. **1E35 . 35 . 081-1**

FLOW SHEET **1E35 . 10 . 011**

SHEET **1** OF **2**

Rev.	Date	Drawn	Description
0	23.11.09	O.C.	ISSUED FOR COSTRUCTION
1	12.05.10	G.R.	MODIFIED WHERE INDICATED WITH \diamond

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NOZZLES							DESIGN DATA		SHELL	COIL	JACKET	
POS.	SIZE	RATING	N°	SERVICE	THK.	NOZZLES ORIENT.	OPERATING PRESSURE	Bar (g)	0		2	
S1	4"	L.J. 150#	1	AN INLET	6,02		DESIGN PRESSURE	Bar (g)	0		3	
S2	3"	L.J. 150#	1	RECYCLE	5,49		HYDROSTATIC TEST PRESSURE	Bar (g)	FILLING H2O		3,25	
S3	3"	L.J. 150#	1	AN OUTLET	5,49	\angle	PNEUMATIC TEST PRESSURE	Bar (g)	-		-	
S4	4"	L.J. 150#	1	OVER FLOW	6,02		OPERATING TEMPERATURE	°C	60		70	
S5	1"F	ASME B.1.20.1 3000# NPT	1	LSH CONNECTION	3,38		DESIGN TEMPERATURE	°C	90		95	
S6	1"F	ASME B.1.20.1 3000# NPT	1	LSL CONNECTION	5,49		FLUID/SPECIFIC WEIGHT	1 Kg/dm3	AN		WH	
S7							HEAT EXCHANGE SURFACE	m2	-		62	
S8	1"F	ASME B.1.20.1 3000# NPT	1	TE CONNECTION	3,38		HEAT TREATMENT		-		-	
S9	500	ST.40174	1	MANHOLE	6		X-RAY TEST		-		-	
							PENETRATING LIQUIDS TEST		-		-	
							JOINT EFFICIENCY		0,7		0,7	
							CORROSION ALLOWANCE	mm	-		-	
							GEOMETRIC CAPACITY	litri	77880~		7500~	
							INSPECTION INSTITUTE		CUSTOMER			
							CODE		STD. BALLESTRA			
T1	1-1/2"	SO.RF.150#	1	WH INLET	3,68		WEIGHTS					
T2	1-1/2"	SO.RF.150#	1	WH OUTLET	3,68		EMPTY	16500~	Kg	OPERATING	96000~	Kg
							WITH STIRRER	18500~	Kg	WATER FILLED	103000~	Kg

LEGS POSITION		STD. DETAILS	ENCLOSED DWG.
		WORKING DWG	1E35-30-081/1
		STIRRER	ST. 420139/0
		NAME PL. HOLDER	SB-PRS-00119/0
		NAME PLATE	SB-PRS-00121/0

MATERIALS OR EQUIVALENT		PAINTING	SB-ATi-SP002/4
SHELL / HEAD / CONE	A240 - 316	GENERAL NOTES	SB-PRS-SP001/0
FLANGES	A105	STUB END	ST. 1073/0
NOZZLES	A312 Tp 316		
STIRRER	AISI 316		
STUB END	AISI 316		
STUD BOLTS	A 193 B7		
HEAVY HEX. NUTS	A194 2H		
JACKET - LEGS	A283-C		
GASKETS	SEE SP. 1444/1		
SHAPE	A 36	INSULATION : 50 mm (m2= 110~) Kg=660	

NOTE :

VIEW FROM TOP

0°

270°

90°

180°

RIF. 1986.35.002/4