



	ITEM	63AB1		CUSTOMER		DWG. 1E35 . 35 . 1131-1				
	N°REQUIRED	1	PULSATION DAMPENER		FLOW SHEET 1E35 . 10 . 1104					
			PLANT SABIZ 25000	JOB 1E35Z	SHEET 1 OF 1					
Rev.	Date	Drawn	Description							
0	08.09.10	G.R.	ISSUED FOR CONSTRUCTION							
1	04.10.10	G.R.	ORIENTATION AND MANOMETER TYPE DEFINED							
2										
3										
4										
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NOZZLES				DESIGN DATA		SHELL	JACKET	COIL		
POS	SIZE	RATING	N°	SERVICE	THK.	NOZZLES ORIENT.	OPERATING PRESSURE Bar (g)	73		
S1	-	AS DWG.	1	MANOMETER CONNECTION	-	⊥	DESIGN PRESSURE Bar (g)	100		
S2	1/2"M	ASME B120.1 NPT 3000#	1	STEAM INLET	3,73		HYDROSTATIC TEST PRESSURE Bar (g)	150		
S3	1 1/2"	AS DWG	1	PRODUCT INLET	3,91	⊥	PNEUMATIC TEST PRESSURE Bar (g)	-		
							OPERATING TEMPERATURE °C	70		
							DESIGN TEMPERATURE °C	95		
							FLUID/SPECIFIC WEIGHT 1,3 Kg/dm³	SLURRY		
							HEAT EXCHANGE SURFACE m²			
							HEAT TREATMENT			
							X-RAY TEST	100%		
							PENETRATING LIQUIDS TEST			
							JOINT EFFICIENCY	1		
							CORROSION ALLOWANCE mm			
							GEOMETRIC CAPACITY litri	100		
							INSPECTION INSTITUTE	DESMET BALLESTRA		
							CODE	ASME SECT. VIII DIV. 1		
							WEIGHTS			
							EMPTY 220~ Kg	OPERATING 324~ Kg		
							WATER FILLED 320~ Kg			
							STD. DETAILS		ENCLOSED DWG.	
BRACKETS POSITION						-	WORKING DWG	ST. 24527/6		
						-	BRACKETS SUPPORT	ST. 44212/1		
NAME PLATE POSITION						-	WELDING BEVEL	SP. 1344/0		
							GENERAL NOTES	SB-PRS-SP001/0		
MATERIALS							PAINTING	SB-ATI-SP002/3		
BOTTLE						27 Cr Mo 4	MANOMETER CLUTCH	ST. 41067/0		
CLUTCHS						A 105	INSULATION	SB-ATI-SP030/1		
FLANGES						A 105				
NOZZLES						A 106 - B				
STUD BOLTS						A 193 B7				
HEAVY HEX. NUTS						A 194 2H				
REDUCTION						A 324 WPB				
GASKETS "S1"						COPPER				
UNIVERSAL GASKETS "S3"						SEE SP. 1444/1				
							INSULATION : 50 mm. (3~ m2)			
NOTE : TRACCIARE ESTERNAMENTE IN CANTIERE CON TUBO DI RAME RICOTTO Ø 12x1 - N° 16 SPIRE PASSO 100 mm.										
ON SITE EXTERNAL TRACING BY SOFT COPPER Ø 12x1 - N° 16 TURNS PITCH 100 mm.										
AIR BOTTLE MANUFACTURED BY " DALMINE "										
RIF. 2E58-35-117										