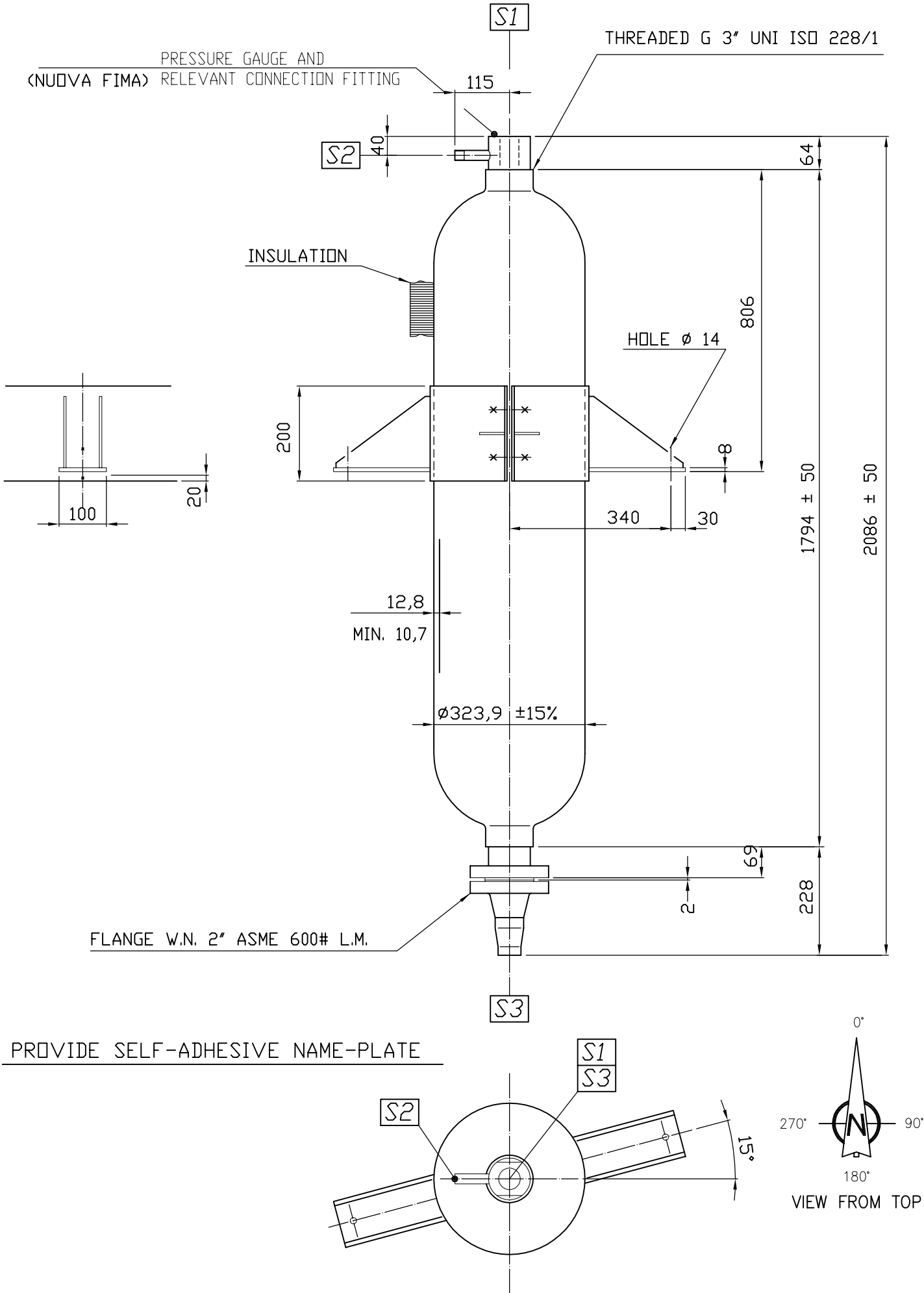


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<div><div></div><div>desmet ballestra</div></div>			ITEM <div>63AB1</div>		CUSTOMER _____			DWG. <div>2F11 . 35 . 121</div>			
			N°REQUIRED <div>1</div>		PULSATION DAMPENER			FLOW SHEET <div>2F11 . 10 . 104</div>			
					PLANT <div>SABIZ</div>		JOB <div>2F11</div>		SHEET <div>1</div> OF <div>1</div>		
Rev.	Date	Drawn									
0	22.02.12	T.T.	ISSUED FOR INFORMATION								
1	11.04.12	F.C.	ISSUED FOR CONSTRUCTION – ORIENTATION DEFINED								
2											
3											
4											
5											
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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 B1.20.1 NPT 3000#	1	STEAM INLET	3.73	270°	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	1.6 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 S.p.A.			
							CODE	ASME SECT. VIII DIV. 1			
						WEIGHTS					
BRACKETS POSITION						75°	EMPTY <div>220~</div> Kg		OPERATING <div>324~</div> Kg		
NAME PLATE POSITION						255°			WATER FILLED <div>320~</div> Kg		
						90°					
MATERIALS						STD. DETAILS			ENCLOSED DWG.		
BOTTLE				27 Cr Mo 4		WORKING DWG.			SB-ST-24527/6		
CLUTCHS				A 105		BRACKETS SUPPORT			SB-ST-44212/1		
FLANGES				A 105		WELDING BEVEL			SB-SP-1344/1		
NOZZLES				A 106 – B		GENERAL NOTES			SB-PRS-SP001/0		
STUD BOLTS				A 193 B7		PAINTING			SB-ATI-SP002/4		
HEAVY HEX. NUTS				A 194 2H		NANOMETER CLUTCH			SB-ST-41067/0		
REDUTION				A 324 WPB		INSULATION			SB-ATI-SP030/1		
GASKET "S3"				COPPER							
UNIVERSAL GASKET				SEE SP. 1444/1							