



89	SECTION IRON	"S6"	1	A 36	UPN 100	Dev. 19mt~
88	NOZZLE CONNECTION	"S6"	10	ST.400229	CARBON STEEL	Ø133x4
87	FLANGE	"S16"	1	ST. 1104	A 105	DN 80
86	NOZZLE	"S16"	1	A 106 - B	8 Thk.	Ø 88,9x3,96
85	EARTHING LUG		4	ALSI 304	125x95	
84	NUTS		64	CARBON STEEL	UNI-5592	M16
83	SCREW		32	CARBON STEEL	UNI-5725	M16x70
82	GASKET		1	SP. 1444	Ø 1542/1422x2	
81	PROTECTION RUBBER	"S8"	1	RUBBER	10 Thk.	AS DWG.
80	SCREW	"S8"	6	CARBON STEEL	UNI-5931	M10x28
79	REINFORCING	"S8"	1	A 285 - C	5 Thk.	470x470
78	SECTION IRON		10	A 36	L 100x10	Dev. 18,9mt~ x10
77	COVER	"S8"	1	A 285 - C	10 Thk.	400x400
76	SECTION IRON		1	A 36	UPN 200	Dev. 19,1mt~
75	REINFORCING PLATE		6	A 36	Ø 80x8	AS DWG.
74	SCREW		20	BRONZE	UNI-6107	M4x12
73	PLATE		10	BRONZE	3 Thk.	Ø 60x8
72	PLATE		5	BRONZE	10 Thk.	Ø 90/15
71	FLANGE IN TWO HALF	"S13"	5	A 105		AS DWG.
70	FLANGE	"S13"	5	A 105		AS DWG.
69	REINFORCING RING	"S13"	5	A 285 - C	8 Thk.	AS DWG.
68	NOZZLE	"S13"	5	A 106 - B	L=4680	Ø 60,3x3,91
67	NUTS	"S13"	20	CARBON STEEL	UNI-5592	M12
66	SCREW	"S13"	20	CARBON STEEL	UNI-5725	M12x50
65	FLANGE	"S13"	5	A 105	UNI-2276	DN 50 PN 6
64	GASKET	"S13"	5	PTFE	5 Thk.	Ø 90/65
63	FLANGE	"S13"	5	A 105		AS DWG.
62	NOZZLE	"S13"	5	A 106 - B	L=3265	Ø 48,3x3,68
61	CONE FLANGE		2	A 36	SB-ATI-PF001	DN 1400
60	NUTS	"S15"	8	CARBON STEEL	UNI-5592	M10
59	REINFORCING RING	"S15"	1	A 36	Øe500	
58	SCREW	"S15"	8	CARBON STEEL	UNI-5725	M10x40
57	GASKET	"S15"	1	SP. 1444	Ø 345/277x2	
56	BLIND FLANGE	"S15"	1	A 36	SB-ATI-PF008	DN 250
55	FLANGE	"S15"	1	A 36	SB-ATI-PF001	DN 250
54	NOZZLE	"S15"	1	A 106 - B	L=220	Ø 273x6,35
53	FLANGE	"S15"	1	A 105	S.O.-R.F.	Ø 3" - 150#
52	NOZZLE	"S15"	1	A 106 - B	L=642	Ø 88,9x5,49
51	SPRAY NOZZLE	"S15"	1	S.S. 316	3" H - SS 95 W	
50	NUT	"S18"	40	CARBON STEEL	5/16" 18 UNC 2B	
49	TIE-ROD	"S18"	40	CARBON STEEL	Lg.35	5/16" 18 UNC 2A
48	GASKET	"S18"	10	Thk.2	Ø100 / 75	
47	BLINDFLANGE	"S18"	10	A 105	Thk.10	Ø140
46	FLANGE	"S18"	10	A 105	Thk.17	Ø140 / 68
45	NOZZLE	"S18"	10	A 36	Lg.150	Øe133x4
44	NOZZLE	"S9"	1	A 36	4 Thk.	Øe 1100
43	EXPLOS. PROOF DOOR	"S9"	1	ST.40527	CARBON STEEL	Ø 1100
42	NOZZLE	"S2"	1	A 36	Lg.260	Øe 1220x5
41	FLANGE	"S2"	1	A 105	SB-ATI-PF001	DN 1200
40	MANHOLE	"S4"	1	ST.40303	CARBON STEEL	DN 500
39	PACKINGS		16		PTFE	Ø 20
38	SHAPED PLATE		16	A 285 - C	∇ 40x5	
37	SHAPED PLATE		16	A 285 - C	∇ 40x5	
36	INSULATION SUPPORT		-	A 36	≠ 170x8	
35	FLANGE	"S1"	-	A 105	SB-ATI-PF001	DN 1500
34	NOZZLE	"S1"	-	A 285 - C	5 Thk.	Øe 1520x100
33	REDUCTION	"S1"	-	A 285 - C	5 Thk.	AS DWG.
32	COMPOSITE STIFFEN		32	A 36	150x15	Dev. 1,16mt~
31	COMPOSITE STIFFEN		2	A 36	150x15	Dev. 22,5mt~
30	COMPOSITE STIFFEN		1	A 36	150x15	Dev. 19,5mt~
29	SECTION IRON AIR DUCT		2	A 36	L 100x10	Dev. 27mt~
28	COURSE		1	A 285 - C	4 Thk.	4448x95
27	SECTION IRON		2	A 36	UPN 100	Dev. 19mt~
26	NAME PLATE		1	SB-PRS-00119	ALUMINIUM	
25	NAME PLATE SUPP.		1	SB-PRS-00121	A 285 - C	
24	COURSE		1	A 285 - C	4 Thk.	4448x95
23	LOWER CONE		1	A 285 - C	4 Thk.	AS DWG.
22	NOZZLE	"S3"	1	A 285 - C	4 Thk.	Dev. 1902x1150
21	INSPECTION DOOR	"S17"	1	ST.400170	CARBON STEEL	4 Thk.
20	INSPECTION DOOR	"S23-S12-S5"	5	ST.40653	CARBON STEEL	1200x600
19	RIB		16	A 285 - C	8 Thk.	600x600
18	BAFFLE		32	A 285 - C	3 Thk.	AS DWG.
17	AIR DUCT		16	A 285 - C	3 Thk.	AS DWG.
16	COUPLING	"S10-S19"	2	A 105	ASME B1.20.1	1/2" NPT 3000#
15	SIGHT GLASS	"S7-S14"	8	ST.40988	CARBON STEEL	DN 250
14	COUPLING	"S11-S20"	4	A 105	ASME B1.20.1	1" NPT 3000#
13	AIR DUCT EXT. PLATE		1	A 285 - C	5 Thk.	26374x1474
12	AIR DUCT INT. PLATE		1	A 285 - C	5 Thk.	20750x1474
11	AIR DUCT CLOS. PLATE		2	A 285 - C	5 Thk.	23562x890
10	UPPER CONE SECTOR		1	A 285 - C	4 Thk.	AS DWG.
9	UPPER CONE SECTOR		1	A 285 - C	4 Thk.	AS DWG.
8	SECTION IRON		37	mt~	A 36	L100x65x8
7	COURSE		1	A 285 - C	4 Thk.	18862x2250
6	COURSE		6	A 285 - C	4 Thk.	18862x2000
5	COURSE		1	A 285 - C	8 Thk.	18874x2000
4	COURSE		1	A 285 - C	8 Thk.	18874x2500
3	CONE		1	A 285 - C	10 Thk.	AS DWG.
2	LOWER CONE		1	A 285 - C	8 Thk.	AS DWG.
1	COURSE - SKIRT		1	A 285 - C	12 Thk.	21677x11810

NOTES:

- SEE ON PROJECT DATA-SHEET FOR THE APPLICABLE REVISION OF THE ATTACHEMENTS.
- GENERAL REMARKS ACCORDING SB-PRS-SPO01
- PAINTING ACCORDING TO SB-ATI-SPO02.
- FOR NOZZLE ORIENTATION SEE ON PROJECT DATA-SHEET.
- WITHOUT CLEANING RING, FILTER, SCRAPER AND ALL ACCESSORIES NOT MENTIONED.

2	ISSUED FOR CONSTRUCTION - INSPECTION DOORS "S23" ADDED	F.C.	22-06-12
1	ISSUED FOR CONSTRUCTION - S22 NOZZLE DIMENSIONS MODIFIED	F.C.	05-06-12
0	ISSUED FOR CONSTRUCTION	T.T.	19-03-12

REVISION	REVISION HISTORY	DRAWN	DATE
Revisione	Storia delle revisioni	Autore	Data

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Desmet Ballestra s.p.a.
MILANO - Italy

DRAWING Nr. / Designo Nr.
2F11-30-126

CUSTOMER Nr. / Nr. Cliente
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JOB Commissio	2F11	SHEET Foglio	1 / 3
PLANT Impianto	SABIZ	SCALE Scala	1:75
TITLE Titolo	SPRAY DRYING TOWER	ITEM Posizione	ITEM: 64AT1
		REFERENCE DWG. Riferimento dis.	2006.30.126

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WELDING DETAILS									