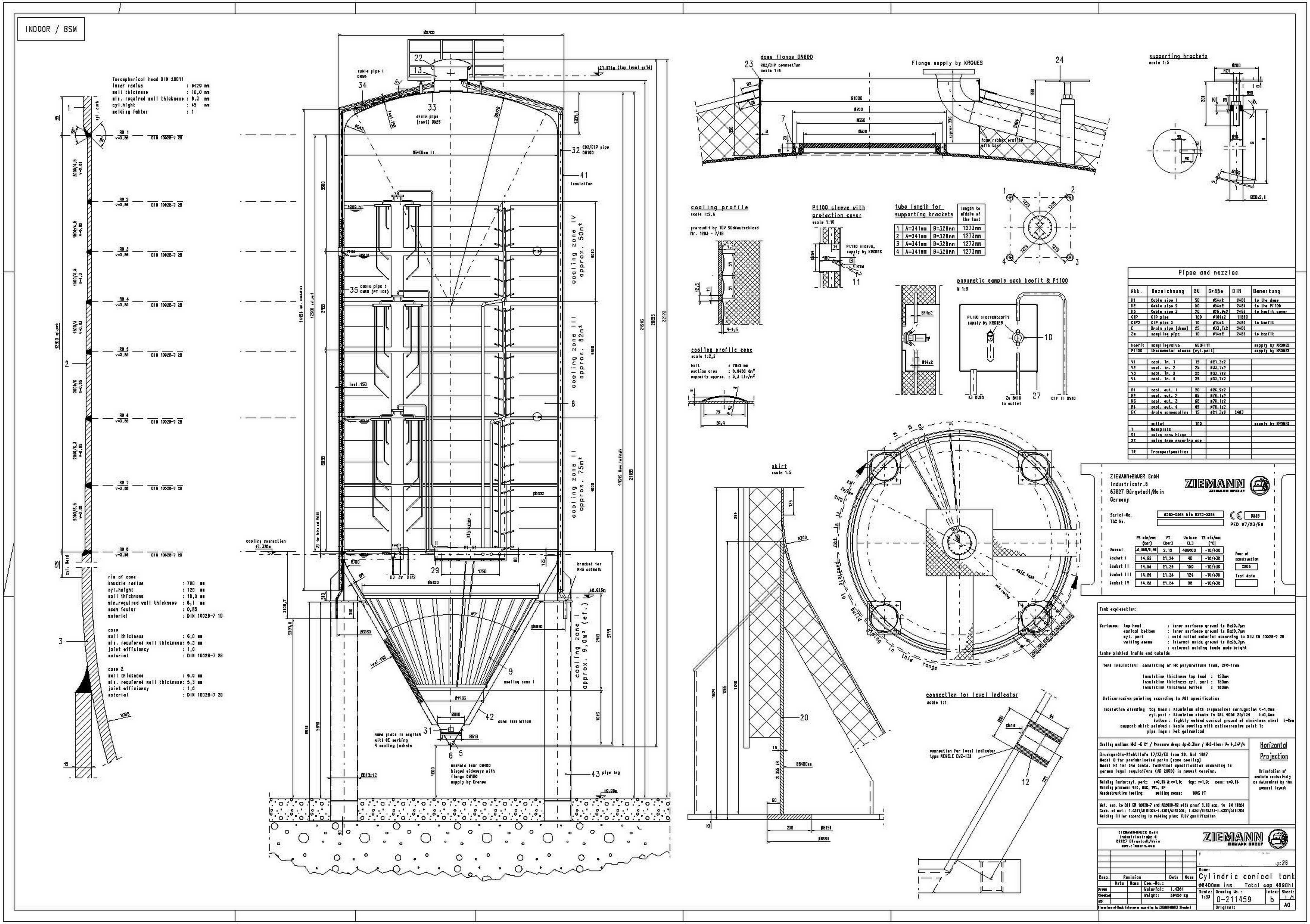

A	B	length to middle of the tank
1 A=341mm	B=328mm	1273mm
2 A=341mm	B=328mm	1273mm
3 A=341mm	B=328mm	1273mm
4 A=341mm	B=328mm	1273mm

Pipes and nozzles

Abk.	Bezeichnung	DN	Größe	DIN	Bemerkung
K1	Cable pipe 1	50	Ø54x2	2463	to the dome
K2	Cable pipe 2	50	Ø54x2	2463	to the PT100
K3	Cable pipe 3	20	Ø26,9x2	2463	to keofit cover
CIP	CIP pipe	100	Ø104x2	11850	
CIP2	CIP pipe 2	10	Ø14x2	2462	to keofit
E	Drain pipe (dome)	25	Ø33,7x2	2463	
Ze	sampling pipe	10	Ø14x2	2462	to keofit
keofit	samplingvalve	KEOFITT			supply by KRONES
PT100	thermometer sleeve (cyl.part)				supply by KRONES
V1	cool. in. 1	15	Ø21,3x2		
V2	cool. in. 2	25	Ø33,7x2		
V3	cool. in. 3	25	Ø33,7x2		
V4	cool. in. 4	25	Ø33,7x2		
R1	cool. out. 1	20	Ø26,9x2		
R2	cool. out. 2	65	Ø76,1x2		
R3	cool. out. 3	65	Ø76,1x2		
R4	cool. out. 4	65	Ø76,1x2		
EK	drain conecooling	15	Ø21,3x2	2463	
	outlet	100			supply by KRONES
T	Nameplate				
S1	swing cone hinge				
S2	swing dome opening cap				
TR	Transportposition				

ZIEMANN+BAUER GmbH
Industriestr.6
63927 Bürgstadt/Main
Germany

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Serial-No. 6363-5364 bis 6373-5364
TAC No.

CE 0938
PED 97/23/EG

	PS min/max (bar)	PT (bar)	Volume (L)	TS min/max (°C)
Vessel	-0,008/1,6?	2,13	488000	-10/+30
Jacket I	14,85	21,24	40	-10/+30
Jacket II	14,85	21,24	150	-10/+30
Jacket III	14,85	21,24	124	-10/+30
Jacket IV	14,85	21,24	98	-10/+30

Year of construction: 2006
Test date:

Tank explanation:

Surfaces: top head : inner surfaces ground to Ra≤0,7µm
conical bottom : inner surfaces ground to Ra≤0,7µm
cyl. part : cold rolled material according to DIN EN 10028-7 2B
welding seams : internal welds ground to Ra≤0,7µm
: external welding beads made bright
tanks pickled inside and outside

Tank insulation: consisting of HR polyurethane foam, CFC-free

Insulation thickness top head : 150mm
Insulation thickness cyl. part : 150mm
Insulation thickness bottom : 180mm

Anticorrosive painting according to AGI specification

Insulation cladding top head : Aluminium with trapezoidal corrugation t=1,0mm
cyl.part : Aluminium sheets in RAL 9006 20/125 t=0,8mm
bottom : tightly welded conical ground of stainless steel t=2mm
support skirt painted : basic coating with anticorrosive paint 1c
pipe legs : hot galvanized

Cooling medium: NH3 -5 C° / Pressure drop: Δp=0.3bar / NH3-flow: V= 4,3m³/h

Druckgeräte-Richtlinie 97/23/EG from 29. Mai 1997
Modul B for prefabricated parts (cone cooling)
Modul H1 for the tanks. Technical specification according to german legal regulations (AD 2000) in newest version.

Welding factor:cyl. part: z=0,85 & v=1,0; top: v=1,0; cone: z=0,85
Welding process: WIG, MAG, WPL, EP
Nondestructive testing: welding seams: 100% PT

Mat. acc. to DIN EN 10028-7 and AD2000-W2 with proof 3.1B acc. to EN 10204
Comb. of mat.: 1.4301/AISI304-1.4301/AISI304; 1.4541/AISI321-1.4301/AISI304
Welding filler according to welding plan; TÜV qualification

Horizontal Projection
Orientation of nozzles exclusively as determined by the general layout

ZIEMANN+BAUER GmbH
Industriestraße 4
63927 Bürgstadt/Main
www.ziemann.com

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Resp.	Revision			Date	Name
	Date	Name	Com.-No.:		
Drawn			Material: 1.4301		
Checked			Weight: 39420 kg		
ACF					

Dimensions without tolerance according to ZIEMANN+BAUER Standard

Name: Cylindric conical tank
Φ8400mm ins. Total cap.4990hl
Scale: 1:33
Drawing No.: 0-211459
Index: b
Sheet: 1 /1
A0
Original: