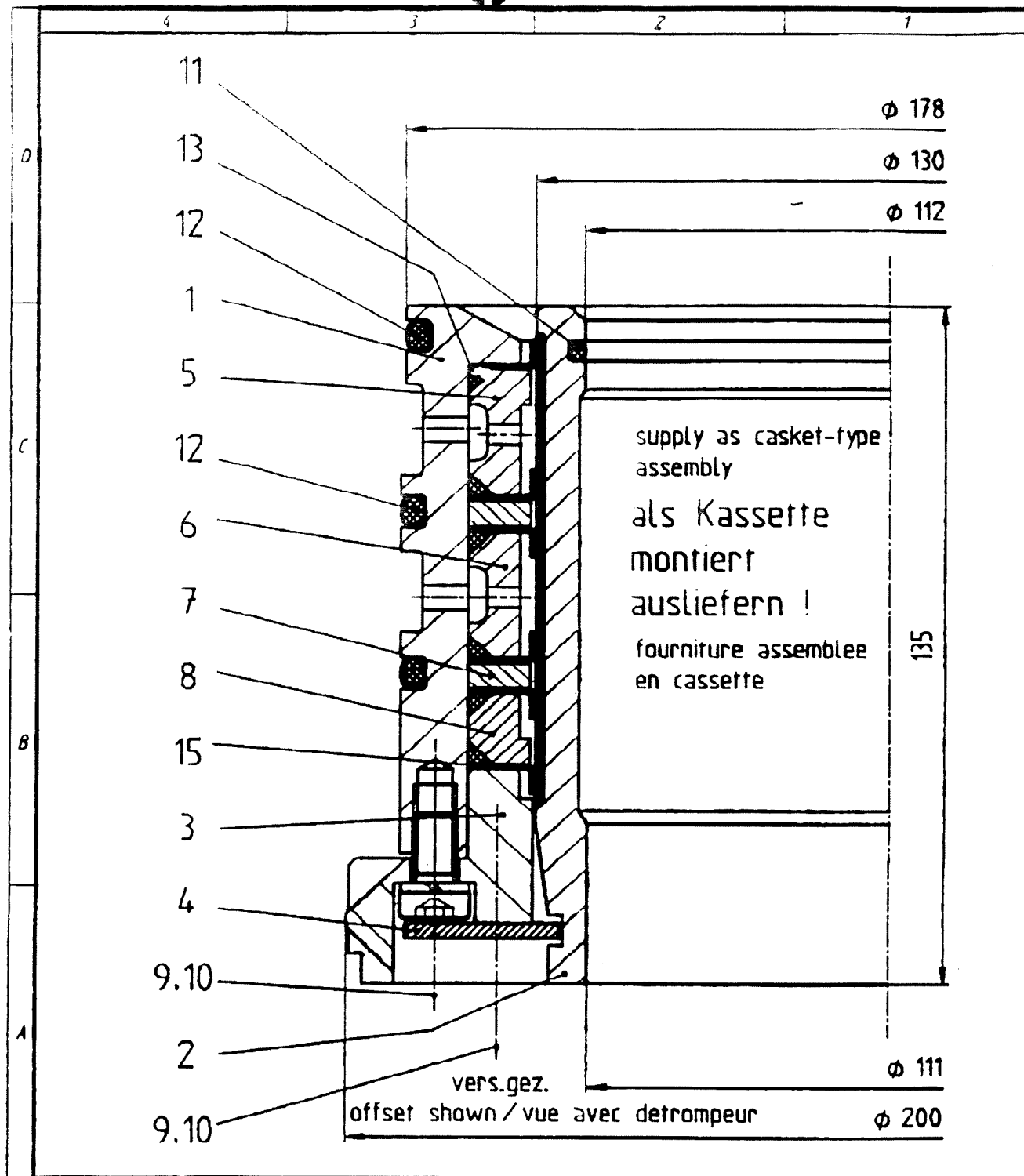


für diese technische Unterlage
behalten wir uns alle Rechte vor. (DM 34)



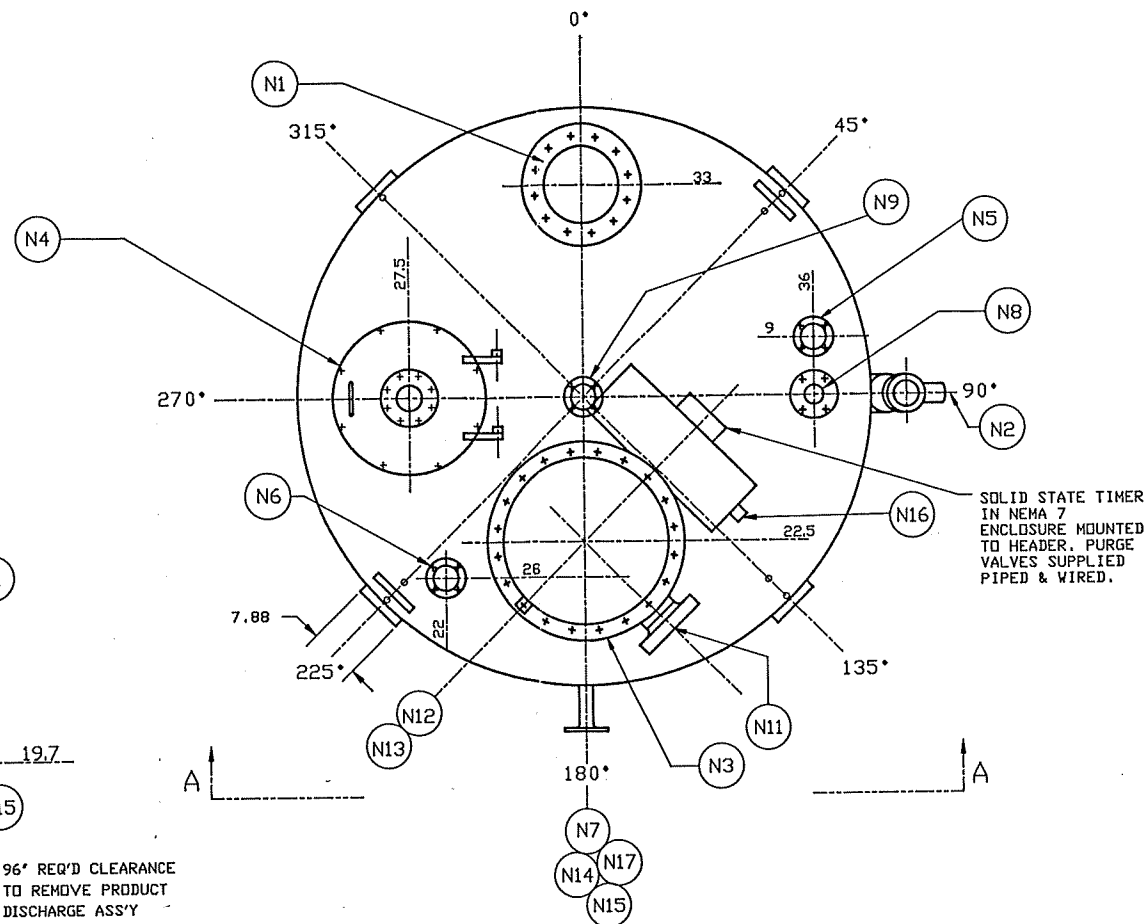
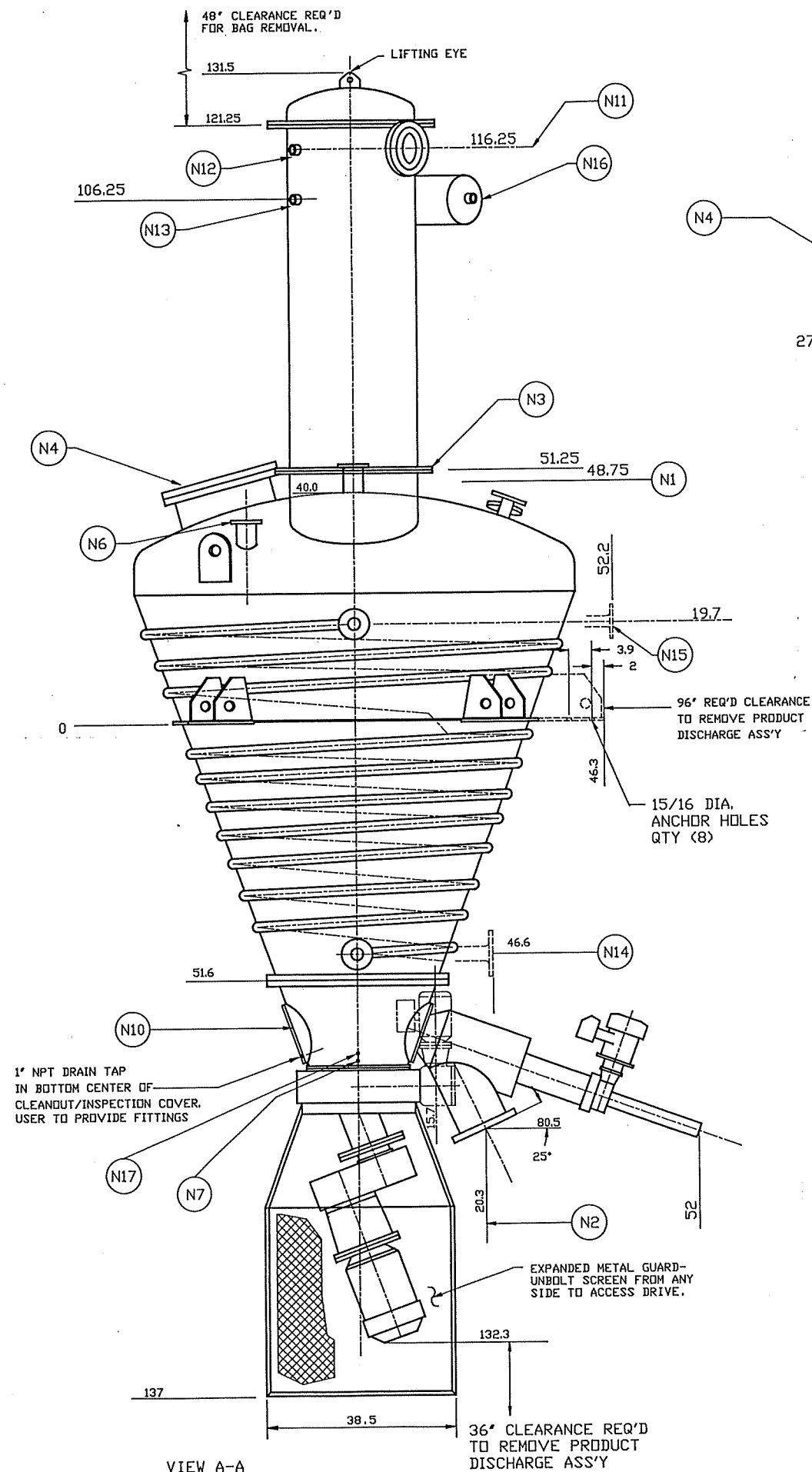
Verwendbar für:		Maße ohne Toleranzangabe DIN 7166		Format E (DIN A4)		Maßstab 1 : 1		Fert.-Gew. 15.0 kg	
Zust. 740 060 / 2		m				Werkst.		Werkst. sh. Sticht.	
						Recht.-Nr.		Mod.- / Gen.-Nr.	
①				Datum		Name		Bemerkung	
②				Bearb. 09.04.91		LÜKAS			
③				Gepr.					
④				Abt. V22					
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Zust.		And.-Nr.		Datum		Name		Urspr.	
2996506								2996506	
Ers. f.		Ers. d.							

Schneckendichtung
Screw Seal. / Garn.d'étanchéité de la vis

KRAUSS MAFFEI
Verfahrenstechnik GmbH

Zust.-Nr. 96 E 2340
Sach.-Nr. 2996410
Anz.

P/N MTD-4148-0001		DESCRIPTION CONICAL DRYER GENERAL ARRANGEMENT	
ITEM	QTY	MAT'L	DESCRIPTION



N17	SEAL PURGE	1/4" NPT	180°
N16	NPT NITROGEN CONNECTION	3/4" NPT	---
N15	HEATING AGENT RETURN	2" ANSI 150 LB.RF	180°
N14	HEATING AGENT SUPPLY	2" ANSI 150 LB.RF	180°
N13	DIFF. PRESSURE MEASURING	3/4" NPT	---
N12	DIFF. PRESSURE MEASURING	3/4" NPT	---
N11	FILTERED GAS OUTLET	6" ANSI 150 RF	---
N10	CLEANOUT / INSPECTION W/ 1" NPT DRAIN	9" SPECIAL (8" ANSI BOLTING)	270°
N9	PRODUCT TEMPERATURE W/PROBE MEASURING	2" ANSI 150 LB.RF	---
N8	LIGHT (USER SUPPLIED)	3" ANSI 150 FLNG	90°
N7	SEAL PURGE	1/4" NPT	180°
N6	PERC. INLET	2" ANSI 150 FLNG	218°
N5	SPARE	2" ANSI 150 FLNG	76°
N4	MANHOLE AND COVER WITH 4" SIGHT-GLASS	20" SPECIAL - HINGED LID W/O-RING SEAL	270°
N3	VAPOUR FILTER	26" SPECIAL W/O-RING SEAL	180°
N2	PRODUCT OUTLET	6" ANSI 150 LB.RF	90°
N1	PRODUCT INLET	12" O-RING SEAL (12) 1/2 BOLTS ON 17 BC	0°
NO.	DESCRIPTION	SIZE	POS.

NOTE: N4,N5,N8,&N9 ARE PERPENDICULAR TO SHELL.
N1,N3,&N6 ARE PARALLEL TO VESSEL AXIS.

TECHNICAL DATA	VESSEL	COIL JACKET
WEIGHT - DUST COLLECTOR 900#	FULL VACUUM	3 BAR-G (44 PSIG)
DESIGN PRESSURE	160°C	160°C
DESIGN TEMPERATURE		ASME SECT VIII DIV 1
DESIGN CODE		"U"
STAMP		304 SS
MATERIAL, PRODUCT CONTACT	304 SS	304 SS
VOLUME	186 FT³	4 CU FT
EMPTY VESSEL WEIGHT W/O FILTER	3600 KG _F 7950 LB	
WEIGHT-VESSEL FLOODED W/PERCHLORETHYLENE JACKET		
FULL OF WATER-W/O FILTER (EVENLY DISTRIBUTED ON 4 SUPPORTS)	12350 KG _F 27250LB	
ADM. PRESSURE RISE P AT 20°C	135 mBAR/HR	
LEAKAGE RATE AT 20°C	250 mBAR L / S	
PRODUCT CONTACT INSIDE SURFACE FINISH	25uIN Ra VESSEL AND /FILTER HOUSING	
OUTSIDE SURFACES PICKLED & PASSIVATED		
MIXING SCREW SPEED	16 - 96 RPM	
CARRIAGE DRIVE SPEED	.06 - .36 RPM	
DRIVE POWER MIXING SCREW MTR.	15 HP 460V/3PH/60 HZ EXPRF CL.1, DIV 2,GR C&D	
DRIVE MOTOR CARRIAGE DRIVE MTR.	1.5 HP 460V/3PH/60 HZ EXPRF CL.1, DIV 2,GR C&D	
DRIVE POWER PRODUCT DISCHARGE MTR	1 HP 460V/3PH/60 HZ EXPRF CL.1, DIV 2,GR C&D	
OPENING SPEED OF VALVE	6 FT/MIN	

NOZZLE N9 FURNISHED WITH RTD & PROBE. PLATINUM ELEMENT, 100 OHMS @ 32 F, .00385 OHMS/OHM - C.
USER TO SUPPLY INSULATION AND HEAT TRACING ON HEAD AND DUST COLLECTOR
FILTER AREA 52ft²(4.8m²), POLYESTER CLOTH BAGS, PULSE JET TYPE WITH TIMER.
ESTIMATED MAX CONSUMPTION FOR COMPRESSED NITROGEN IS 3.3 SCFM AT 90 PSIG TO PURGE FILTER BAGS
SEAL MATERIALS: FEP ENCAPSULATED O-RINGS IN CARRIAGE & SHAFT SEALS, DISCHARGE VALVE SEALS, AND LOWER VESSEL FLANGE. VITON O-RINGS ELSEWHERE.
LIPS SEALS ON CARRIAGE, SHAFT, & DISCHARGE VALVE ARE TFE
JACKET PRESSURE-TESTED PER ASME CODE; VESSEL VACUUM TESTED; DRYER RUN-TESTED
DOUBLE ACTING LIMIT SWITCH PROVIDED FOR CARRIAGE REVERSAL.
PROXIMITY SENSORS FOR OVER-RUN PROTECTION
USER IS RESPONSIBLE TO PROVIDE OVER-PRESSURE PROTECTION ON JACKET

3	MOVE CARRIAGE DRIVE MOTOR	MER	10-91
2	REV MOVE NOZZLE N9		
1	REV PER CUSTOMER REQUEST		
REV.	DESCRIPTION	INT.	DATE
REVISIONS			
TOLERANCES UNLESS OTHERWISE NOTED			
DECIMAL	FRACTION		
0.0 ± 0.050	1/32		
0.00 ± 0.010	1/64		
0.000 ± 0.005	1/128		
HOLE LOCATIONS WITH 0.000 DECIMAL = ± 0.005			
MATERIAL			
DRAWN BY	R.M.	DATE	2/5/91
SCALE	MER	DATE	2/5/91
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TITLE		CONICAL DRYER	
GENERAL ARRANGEMENT		DRAWING NUMBER	
		MTD-4148-0001	
		SHT. 1 OF 1	

KMC ORDER NO. MT 4148/2640
CUSTOMER: SOFIX CORPORATION
CUSTOMER P.O. 90-0002
CAD FILE 41480001