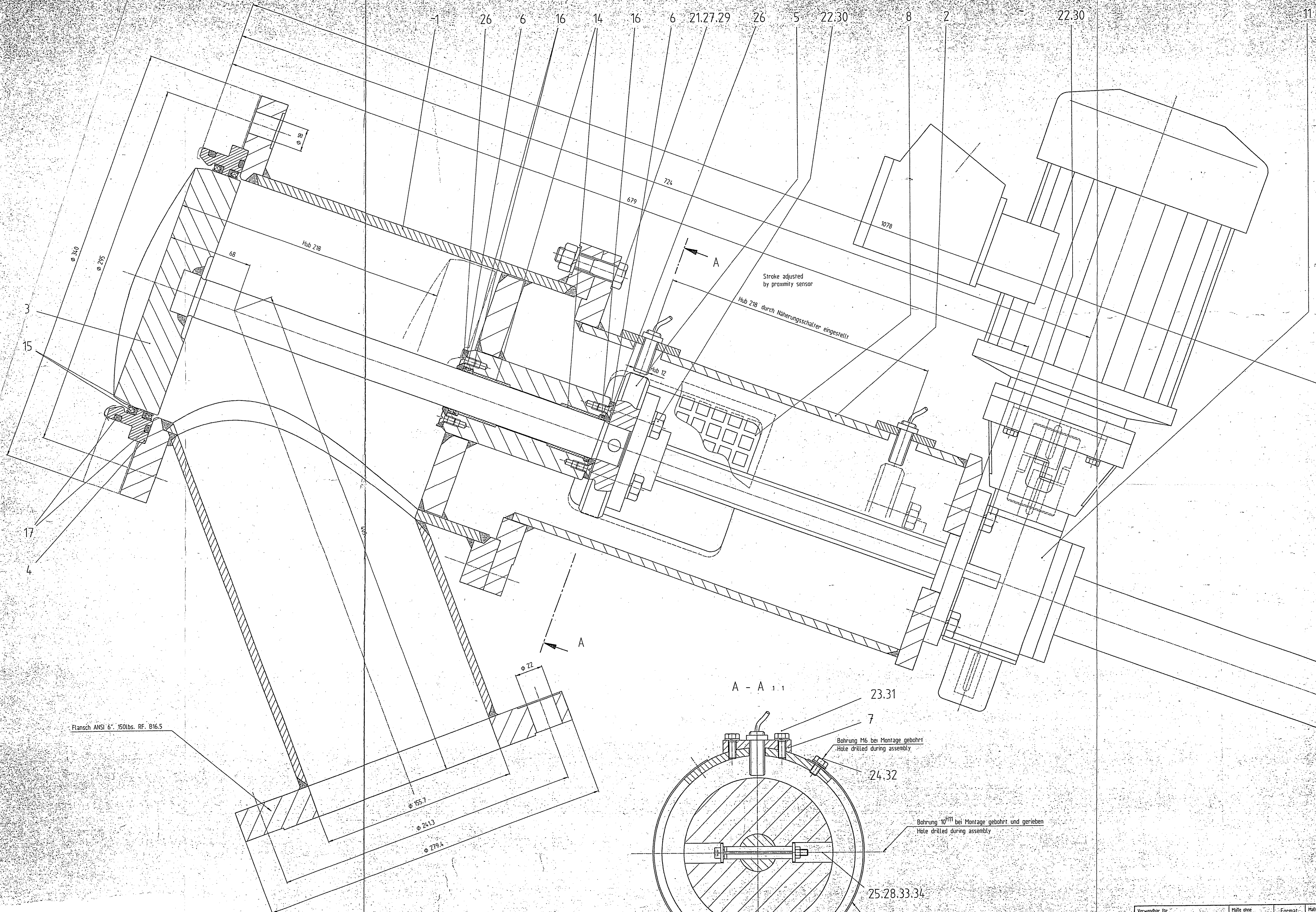




Verwendbar für MT 4 / 300		Hölle ohne Toleranzangabe DN 768	Format A DIN A01	Hubmaß 1	Druck 99.0
Einbaulänge 760 060 / 2		m			
①		Datum	Name	Benennung	
②		Bearb.	12.02.91	LUKAS	
③		Gepr.			
④		Abt.	V22		
⑤			CRD	ZEICHNUNG	
⑥			KRAUSS MAFFEI	Verfahrenstechnik GmbH	
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P/N MTD-4148-0001		DESCRIPTION CONICAL DRYER GENERAL ARRANGEMENT	
ITEM	QTY	MAT'L	DESCRIPTION

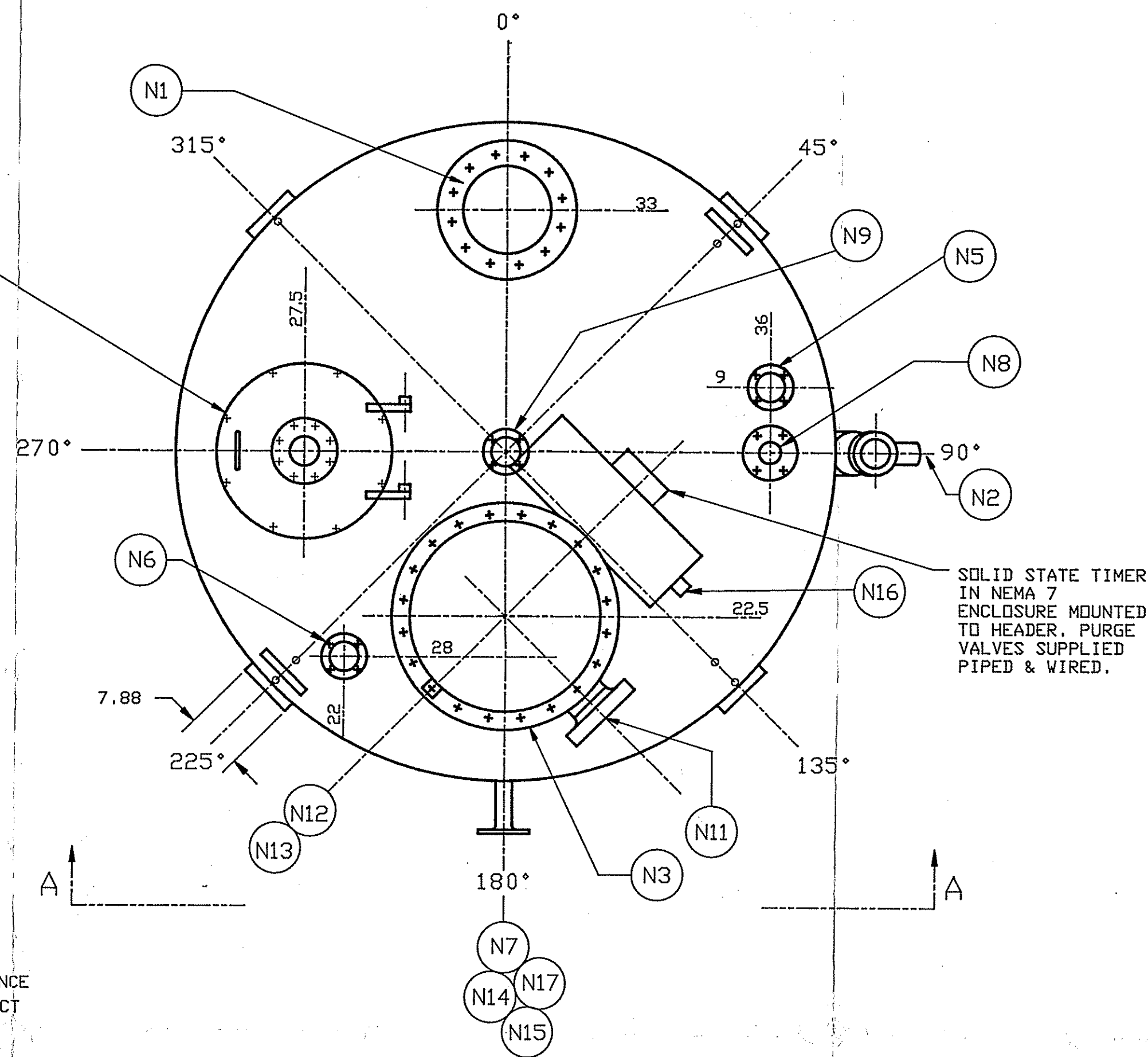
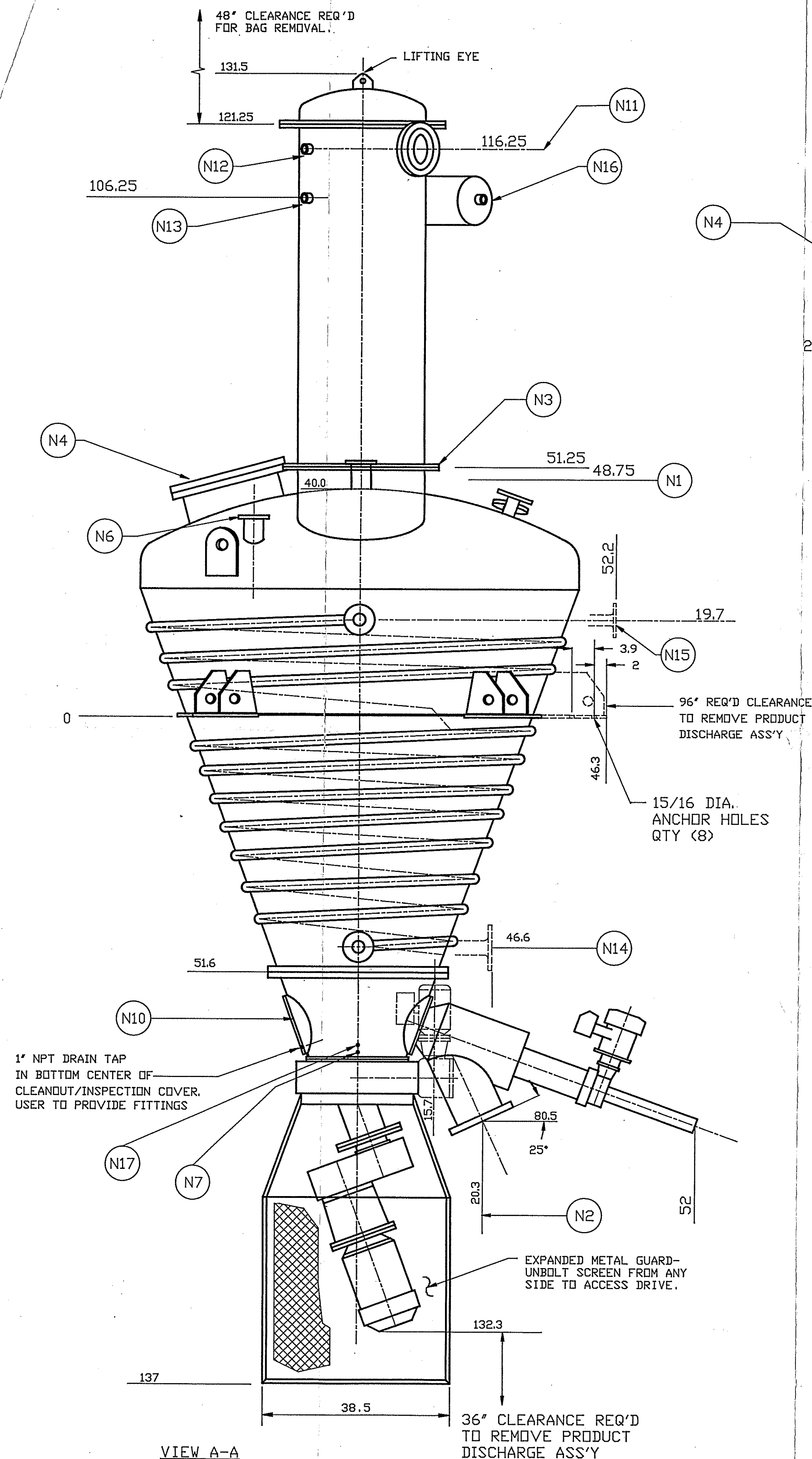
N17	SEAL PURGE	1/4" NPT	180°
N16	NPT NITROGEN CONNECTION	3/4" NPT	----
N15	HEATING AGENT RETURN	2" ANSI 150 LB.RF	180°
N14	HEATING AGENT SUPPLY	2" ANSI 150 LB.RF	180°
N13	DIFF. PRESSURE MEASURING	3/4" NPT	----
N12	DIFF. PRESSURE MEASURING	3/4" NPT	----
N11	FILTERED GAS OUTLET	6" ANSI 150 RF	----
N10	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	PDS.

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

NOZZLE N9 FURNISHED WITH RTD & PROBE. PLATINUM ELEMENT, 100 OHMS @ 32 F, .00385 DHMS/DHM - 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, & DISHARGE 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

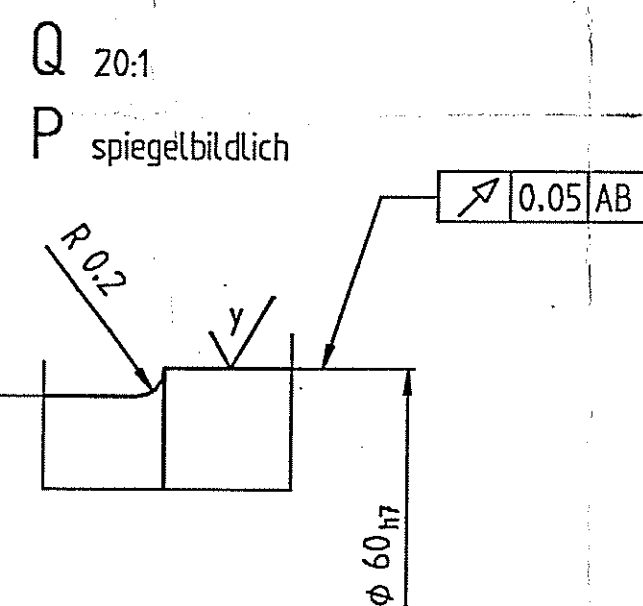
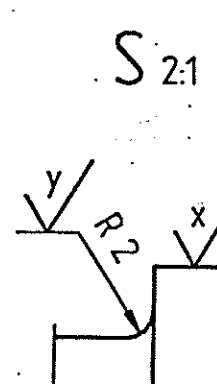
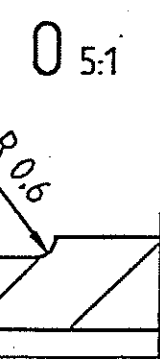
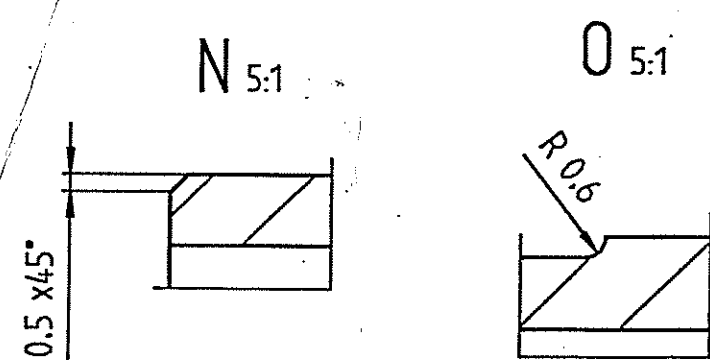
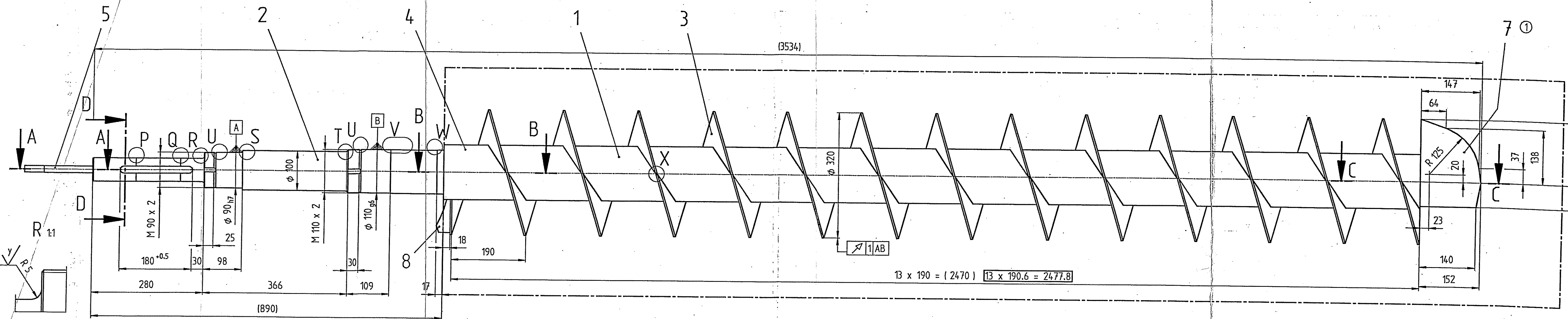
TECHNICAL DATA	VESSEL	COIL JACKET
WEIGHT - DUST COLLECTOR 900#		
DESIGN PRESSURE	FULL VACUUM	3 BAR-G (44 PSIG)
DESIGN TEMPERATURE	160°C	160°C
DESIGN CODE		ASME SECT VIII DIV 1
STAMP		"U"
MATERIAL, PRODUCT CONTACT	304 SS	304 SS
VOLUME	186 FT ³	4 CU FT
EMPTY VESSEL WEIGHT W/O FILTER	3600 KG _F 7950 LB	
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	25uIN Ra VESSEL	
SURFACE FINISH	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	

NB # 1334

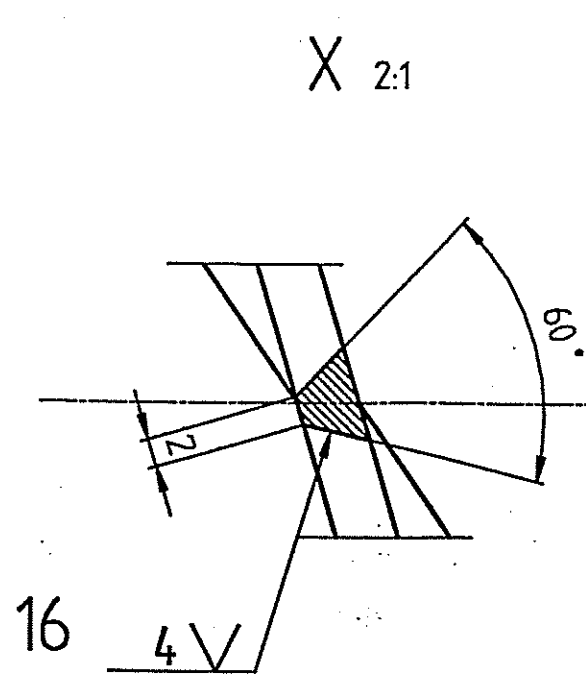
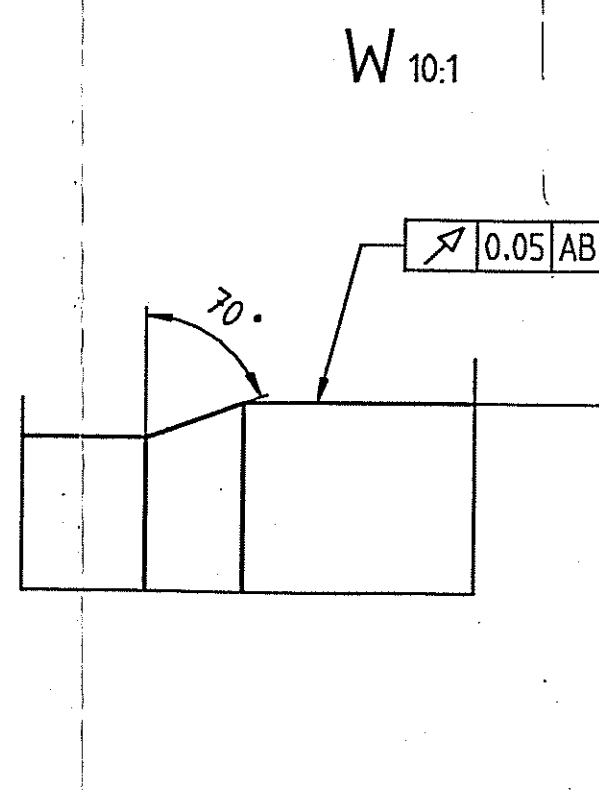
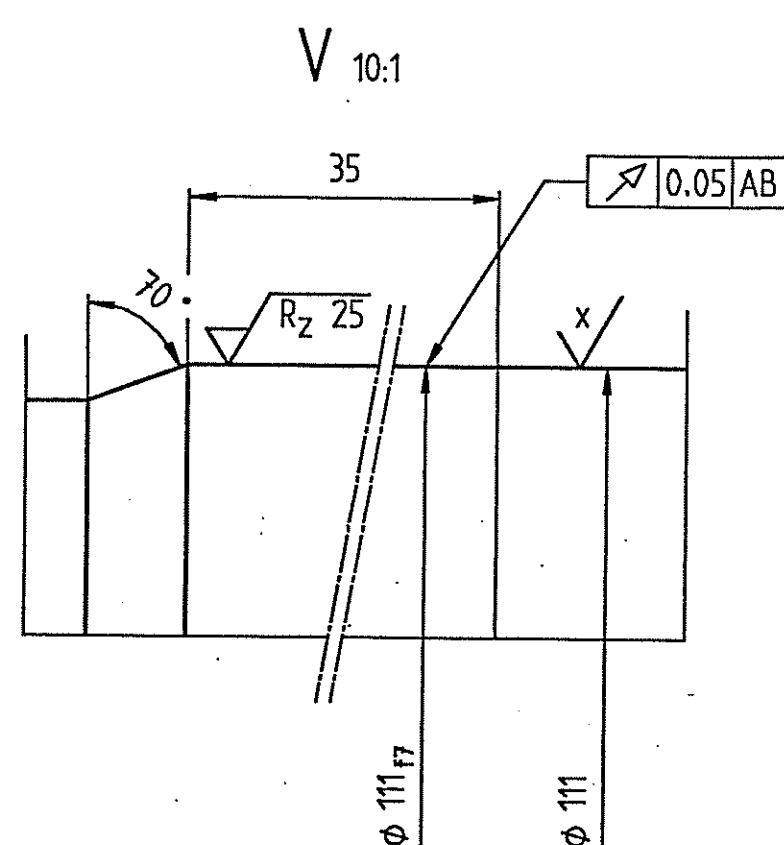
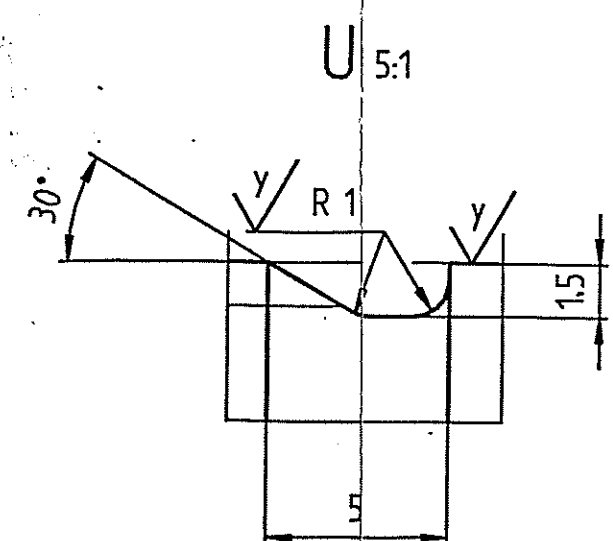
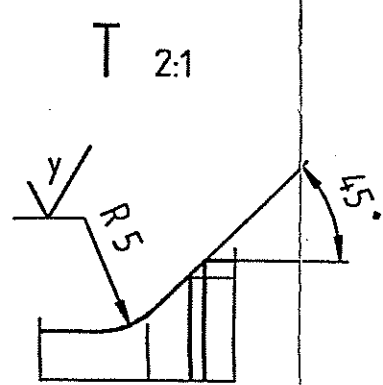
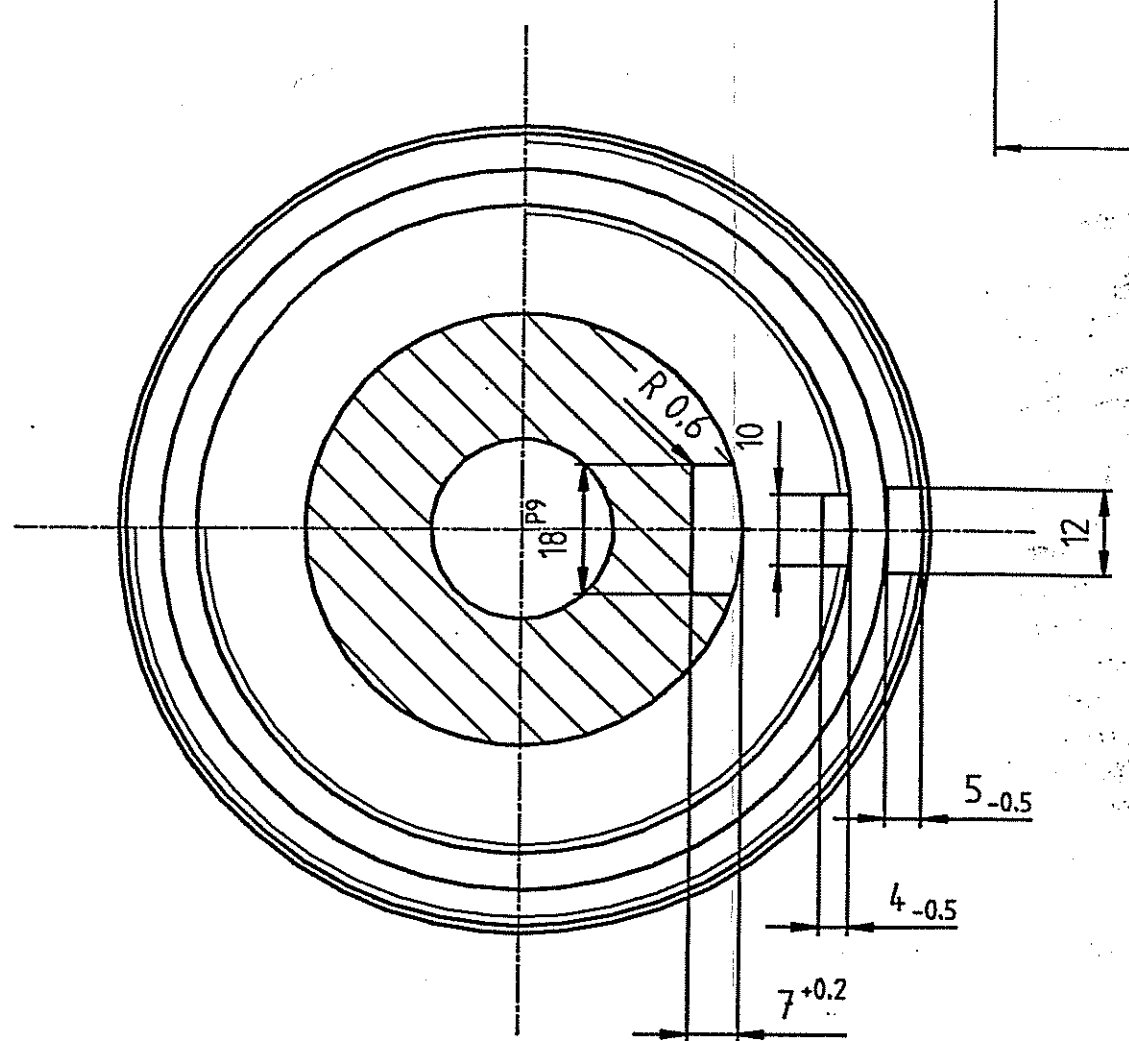


3	MOVE CARRIAGE DRIVE MOTOR	MER	10-91
2	REV MOVE NOZZLE N9		
1	REV PER CUSTOMER REQUEST		
REV.	DESCRIPTION	INT.	DATE
REVISIONS			
TOLERANCES UNLESS OTHERWISE NOTED:			
DECIMAL	FRACTION	KRAUSS MAFFEI	
0.0 ± 0.050	± 1/32		
0.00 ± 0.010	ANGLE		
0.000 ± 0.005	± 1/2°		
HOLE LOCATIONS WITH 0.000 DECIMAL = ± 0.005			
MATERIAL		TITLE CONICAL DRYER GENERAL ARRANGEMENT	
— — —			
DRAWN BY	DATE		
R.M.	2/5/91		
SCALE	DATE	DRAWING NUMBER	
1" = 1'-0"	2/5/91	MTD-4148-0001	
CHECKED BY	DATE	SMT. OFC.	
MER	2/5/91		
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND MAY NOT BE DISCLOSED TO OTHERS NOR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM THE KRAUSS MAFFEI CORPORATION.			

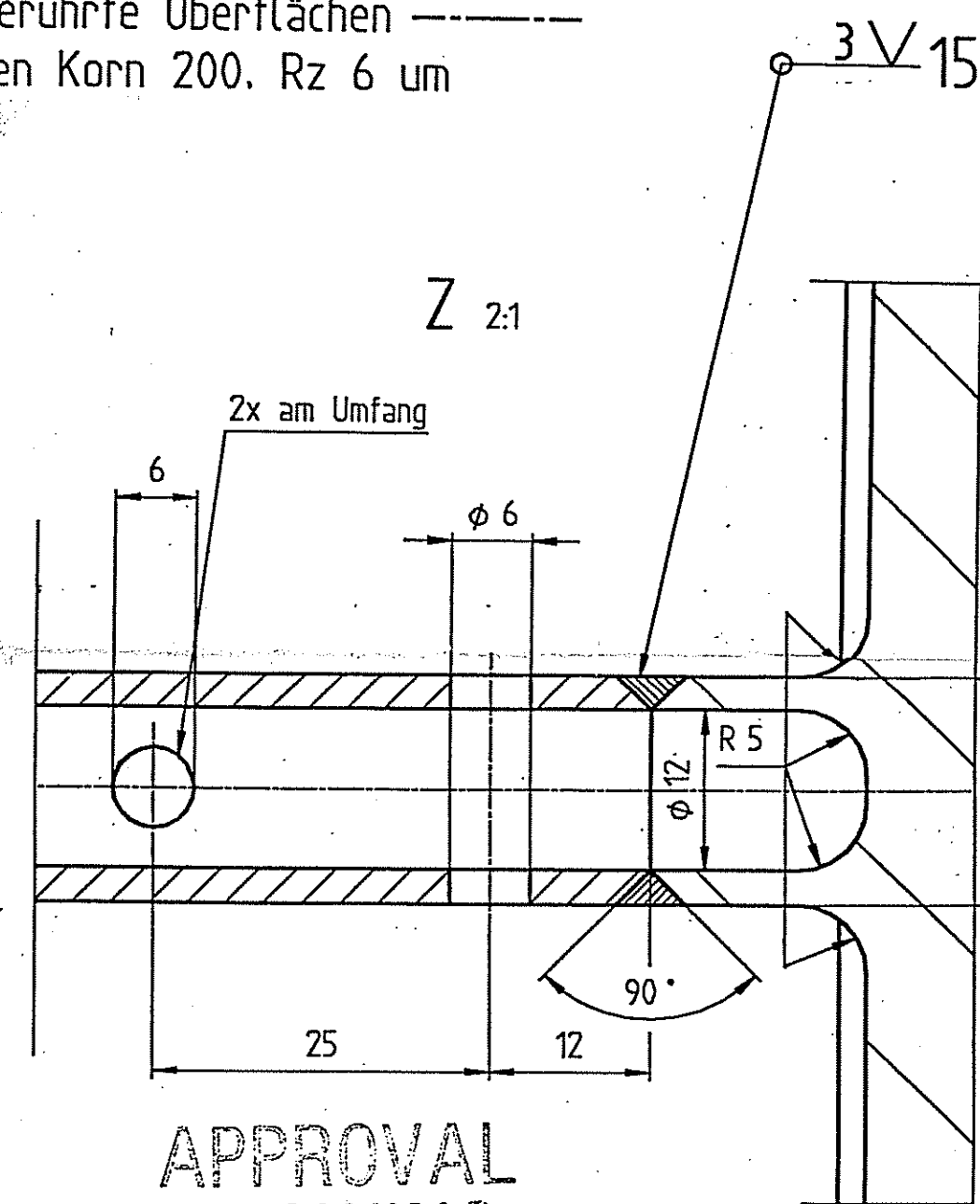
KMC ORDER NO. MT 4148/2640
CUSTOMER: SOFIX CORPORATION
CUSTOMER P.O. 90-0002
CAD FILE 41480001



D-D 1:1
nur Pos. 2 dargestellt



produktberührte Oberflächen
geschliffen Korn 200, Rz 6 um



APPROVAL DRAWING

APPROVED AS SHOWN
APPROVED AS NOTED
REJECTED FOR LISTED
REASONS

By *[Signature]* Date 4/2/91

$\sqrt{R_z 25}$ ($\checkmark = \sqrt{R_z 100}$,
 $\checkmark = \sqrt{R_z 6.3}$)

- Maße mit Schrumpfung

Pos. 12.13 100% Met-L-check

Pos. Nr.	Sim-bild	Dicke mm	Länge m	Ges.-Gew. kg	Bewertungsgruppe nach DIN 8570 / TL3	Zusatzwerkst. (Kernzahl DIN 1913 bzw. Grundwerkst.)
16	✓ 4	1.0			BS	
15	✓ 3	0.05			BS	
14	✓ 4	10.0			BK	
13	✓ 14	1.0			BS	
12	✓ 16	0.4			BS	

Schweißnähte nach DIN 1912

Schweißkonstruktion:
Maße ohne Toleranzangabe nach DIN 8570 / TL1 und TL3
Länge, Winkel, B Form- u. Lageabweichung: F

Verwendbar für	Maße ohne Toleranzangabe nach DIN 756	Format B (DIN A1)	Maßstab 1:5	Fert.-Gew. 205.0 kg
MT 4 / 300				
Erstauflage 740 060/2				
Zeichn.-Nr. 96 B 2315				
Sach-Nr. 2996489				