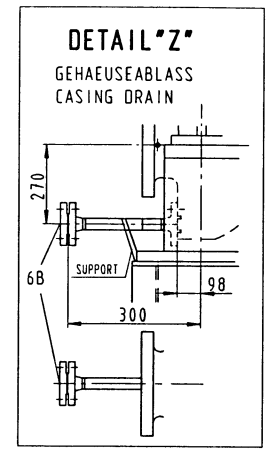
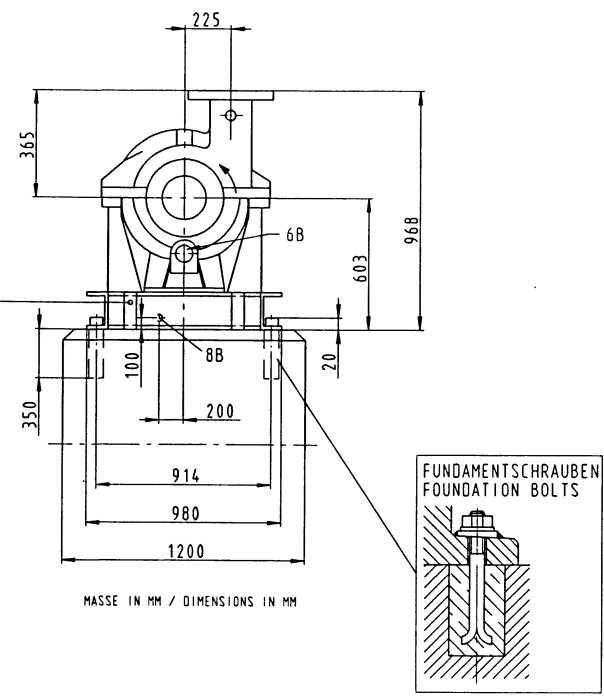
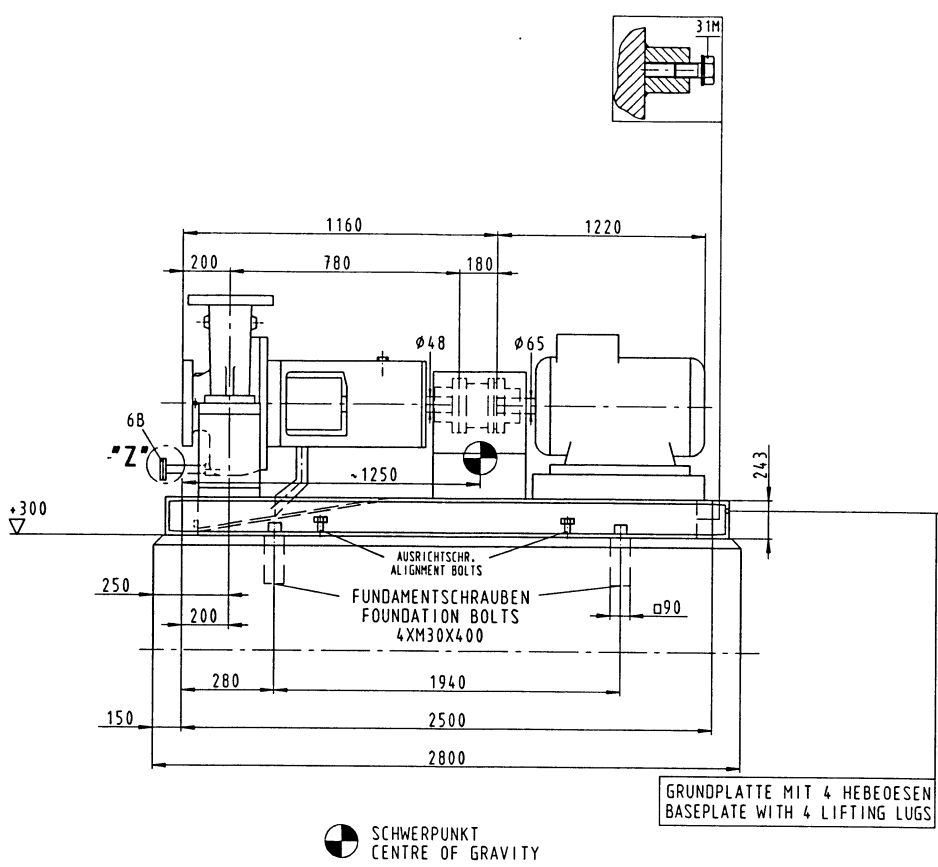
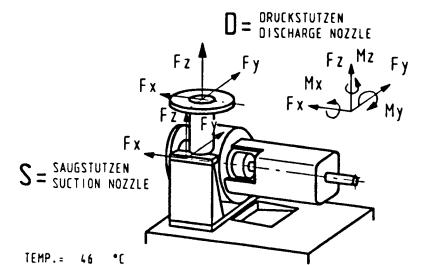


LEITUNGEN SPANNUNGSFREI ANSCHLIESSEN!
ZULÄSSIGE MASSABWEICHUNGEN FUER:
ACHSHEIHNEN FUER MASCHINEN
ANSCHLUSSMASSE FUER PUMPEN
MASSE OHNE TOLERANZANGABE - GRAUGUSSTEILE
MASSE OHNE TOLERANZANGABE - SCHWEISSTEILE
ALLGEMEINTOLERANZEN FUER BEARBEITETE TEILE

DIN 747
DIN EN 735
DIN 1686 G7818
EN ISO 13970B
DIN ISO 2768-M

THE LINES MUST BE CONNECTED WITHOUT TRANSMITTING ANY STRESSES OR STRAIN!
PERMISSIBLE DEVIATIONS OF DIMENSIONS FOR:
AXIS HEIGHTS FOR MACHINES
CONNECTION DIMENSIONS FOR PUMPS
DIMENSIONS WITHOUT MENTION OF TOLERANCES - GREY CAST IRON COMPONENTS
DIMENSIONS WITHOUT MENTION OF TOLERANCES - WELDED COMPONENTS
GENERAL TOLERANCES FOR MACHINED COMPONENTS

DIN 747
DIN EN 735
DIN 1686 G7818
EN ISO 13970B
DIN ISO 2768-M

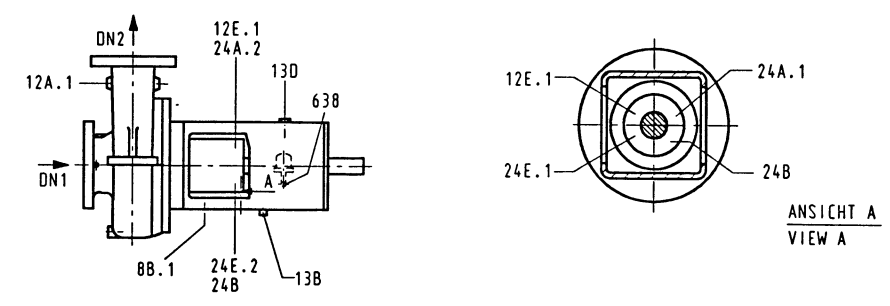


31M	M10	ERDUNGSANSCHLUSS - EARTHING CONNECTION	-	X	-	-	-	-
24B	NPT 1/2	QUENCHFLUESSIGKEIT ABLASS - QUENCH LIQUID DRAIN	X	-	-	-	-	-
24E.2/24A.2	NPT 1/2	QUENCHFLUESSIGKEIT EIN/AUS - QUENCH LIQUID INLET/OUTLET	X	-	-	-	-	-
12E.1/12A.1	NPT 1/2	ZIRKULATIONSFL. EIN/AUS - CIRCULATION LIQUID INLET/OUTLET	-	-	X	-	-	-
8B.1	NPT 1	LECKABLAUSS - LEAKAGE DRAIN	-	-	X	-	-	-
8B	NPT 1	LECKABLAUSS GRUNDPLATTE - LEAKAGE DRAIN BASEPLATE	-	X	-	-	-	-
6B	NPS1"	GEHAEUSEABLAUSS - CASING DRAIN	BLIND FLANGE	-	-	-	-	-
13B	NPT 1/2	ÖLABLAUSS - OIL DRAIN	X	-	-	-	-	-
13D	NPT 1/2	ENTLUEFTUNGSTOPFEN - VENT PLUG	X	-	-	-	-	-
63B	NPT 1/4	ÖLSTANDSREGLER - CONSTANT LEVEL OILER	WIRD LOSE MITGELIEFERT - LOOSE ITEM	-	-	-	-	-
ANSCHLUSS CONNECTION	GROESSE SIZE	BEZEICHNUNG DESIGNATION	MIT STOPFEN VERSCHLOSSEN/ CLOSED WITH SCREW PLUG	KUNDE/ CUSTOMER	KSB	ERF. MENGE/ QUANTITY REQU.	ACTUAL PRESSURE	DESIGN PRESSURE
		GEWINDE NACH DIN ISO 228, TEIL 1 UND ISO 7/1 (ENTSPRICHT DIN 2999 TEIL 1) / THREAD ACC. TO DIN ISO 228, PART 1 AND ISO 7/1 (CONFORMING TO DIN 2999, PART 1)		SCHLIESST AN/ CONNECTED BY		L/MIN	BAR G	BAR G
ANSCHLUESSE / CONNECTIONS DIE AUSFUEHRUNG DES AUFTRAGES IST DURCH X GEKENNZEICHNET / THE EXECUTION OF THE ORDER IS MARKED BY X								

6B	ASME B16.5 CL.300RF NPS1"	PUMP DRAIN FLANGE
DN2	ASME B16.5 CL.300RF NPS6"	PUMP DISCHARGE FLANGE
DN1	ASME B16.5 CL.300RF NPS8"	PUMP SUCTION FLANGE
ANSCHLUSS CONNECTION	AUSFUEHRUNG DESIGN	REMARKS
FLANSCHEN / FLANGES		

GRUNDPLATTENGROESSE BASEPLATE SIZE	AN845-632
MOTORGROESSE MOTOR SIZE	SCHORCH KA7 3155-AB01G-Z 2975RPM 92kW
KUPPLUNGSGROESSE COUPLING SIZE	FLENDER N-EUPEX H 160-180
GROESSEN / SIZES	

PUMPE PUMP	461
GRUNDPLATTE BASEPLATE	571
KUPPLUNG COUPLING	18
ANTRIEB DRIVE	850
-	-
-	-
GESAMT TOTAL	1900
GEWICHTE / WEIGHTS	KG



R ☐ Revision for present working only

A ☐ No revision / not yet present

P ☐ Complete revision and revision /

F ☐ Sheet may contain subject to interpretation of

X ☐ Sheet may contain subject to interpretation of

N ☐ Sheet may contain subject to interpretation of

Signature: *[Signature]* Date: *11.12.01*

OWNER: NATIONAL PETROCHEMICAL COMPANY
MARUN PETROCHEMICAL COMPANY

PROJECT: C2- RECOVERY AND GAS CRACKING PLANTS

CONTRACTOR: LINDS
LINDS ENGINEERING AND CONTRACTING
DIVISION

OWNER: NATIONAL PETROCHEMICAL COMPANY
MARUN PETROCHEMICAL COMPANY

PROJECT: C2- RECOVERY AND GAS CRACKING PLANTS

CONTRACTOR: LINDS
LINDS ENGINEERING AND CONTRACTING
DIVISION

ZEICHNUNG-NR./DRAWING NO. 2001-10-18 KOSMAK 1

CAD 2001-08-02 DRESSSEL 0

DATE/DATE 2001-08-02 NAME DRESSSEL ALTERNATIVE/REVISION 9970089248

BAUZEICHNUNG-NR./BUILDING NO. RPH 150-280B

AUFSTELLUNGSPLAN
INSTALLATION PLAN

F 103586

BLATT 1 VON 4