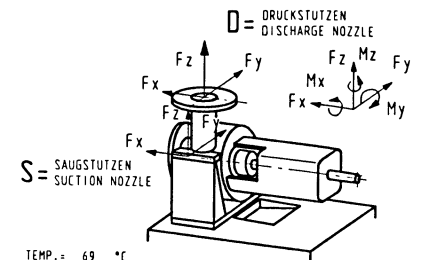


LEITUNGEN SPANNUNGSFREI ANSCHLIESSEN!
ZULÄSSIGE MASSABWEICHUNGEN FUER:
ANSCHLIESSEN FUER MASCHINEN
ANSCHLUSSMASSE FUER PUMPEN
MASSE OHNE TOLERANZANGABE - GRAUGUSSTEILE
MASSE OHNE TOLERANZANGABE - SCHWEISSTEILE
ALLGEMEINTOLERANZEN FUER BEARBEITETE TEILE

DIN 747
DIN EN 735
DIN 1686 G7B18
EN ISO 13920B
DIN ISO 2768-M

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 G7B18
EN ISO 13920B
DIN ISO 2768-M

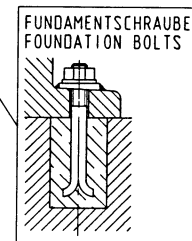
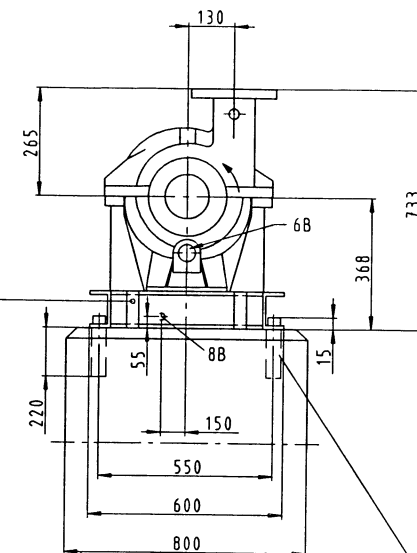
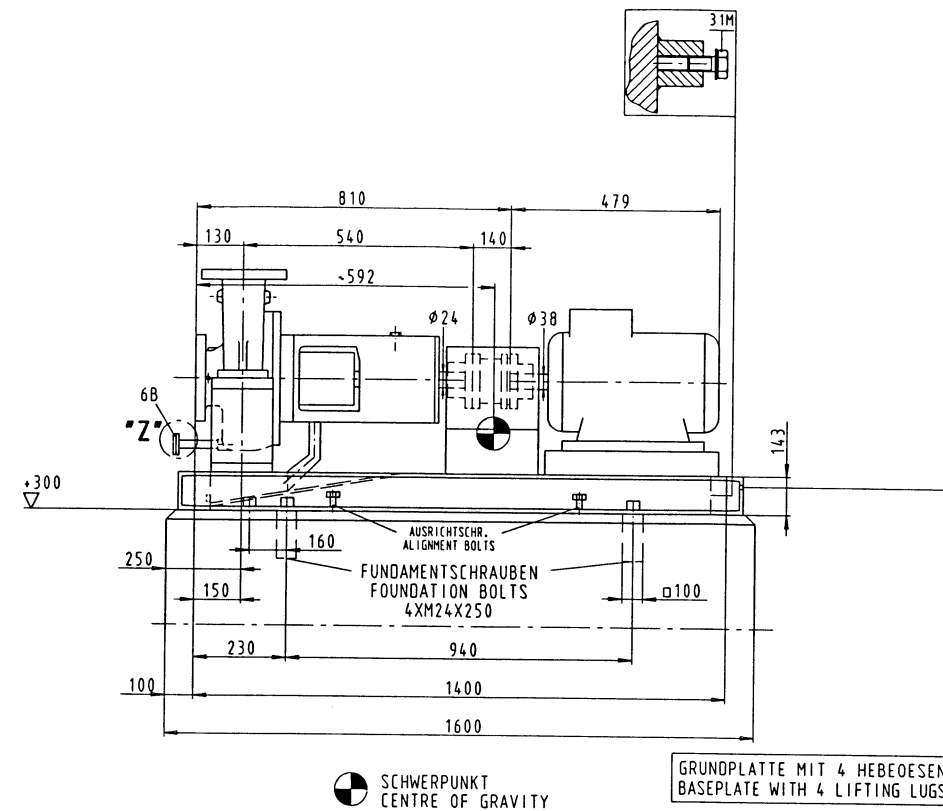
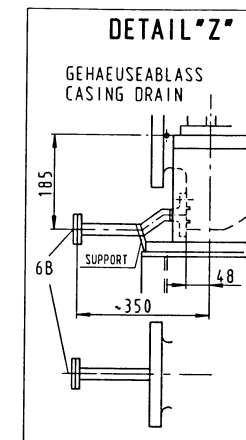


TEMP. = 69 °C

ZULÄSSIGE KRAEFTE UND MomENTE ENTSPRECHEN MIN. 2X API 610/B.
DIE ANGABEN GELTEN FUER STATISCHE ROHRLEITUNGSLASTEN.
BEI UEBERSCHREITUNG IST NACHPRUEFUNG ERFORDERLICH.
ADMISSIBLE FORCES AND MOMENTS CORRESPOND TO MIN. 2X API 610/B.
DATA GIVEN BELOW ARE ONLY VALID FOR STATIC PIPING LOADS.
IF VALUES ARE EXCEEDED CHECK IS NECESSARY.

KRAEFTE, MomENTE / FORCES, MOMENTS

KRAEFTE FORCES (N)	SAUGSTUTZEN SUCTION NOZZLE				DRUCKSTUTZEN DISCHARGE NOZZLE			
	Fx	Fz	Fy	Fres	Fx	Fz	Fy	Fres
1780	1160	1430	2560	1430	1780	1160	2560	
MomENTE MOMENTS (Nm)	SAUGSTUTZEN SUCTION NOZZLE				DRUCKSTUTZEN DISCHARGE NOZZLE			
	Mx	Mz	My	Mres	Mx	Mz	My	Mres
920	710	460	1250	920	710	460	1250	

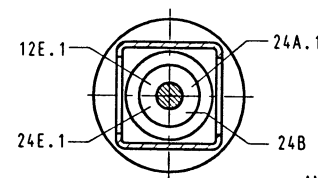
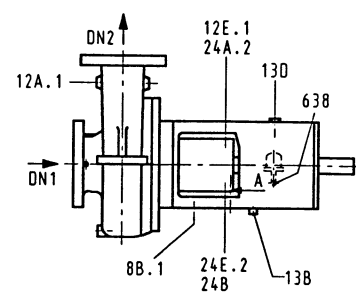


MASS IN MM / DIMENSIONS IN MM

Checklist for drawing approval:

- ☐ Review the drawing for accuracy
- ☐ Check the drawing for completeness
- ☐ Check the drawing for clarity
- ☐ Check the drawing for consistency
- ☐ Check the drawing for compliance
- ☐ Check the drawing for safety
- ☐ Check the drawing for quality
- ☐ Check the drawing for cost
- ☐ Check the drawing for time
- ☐ Check the drawing for risk
- ☐ Check the drawing for impact
- ☐ Check the drawing for reputation
- ☐ Check the drawing for satisfaction
- ☐ Check the drawing for success

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	ZIRKULATIONSL. EIN/AUS - CIRCULATION LIQUID INLET/OUTLET	-	-	X	-	-	-
BB.1	NPT 1	LECKABLASS - LEAKAGE DRAIN	-	-	X	-	-	-
BB	NPT 1	LECKABLASS GRUNDPOLLE - LEAKAGE DRAIN BASEPLATE	-	X	-	-	-	-
6B	NPS1*	GEHAEUSEABLASS - CASING DRAIN	BLIND FLANGE	-	-	-	-	-
13B	NPT 1/2	ENTLUEFTUNGSSTOPFEN - VENT PLUG	X	-	-	-	-	-
13D	NPT 1/2	ENTLUEFTUNGSSTOPFEN - VENT PLUG	X	-	-	-	-	-
63B	NPT 1/4	DELSTANDSREGLER - CONSTANT LEVEL DILER	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 BAR G	DESIGN PRESSURE BAR G
ANSCHLUESSE / CONNECTIONS DIE AUSFUEHRUNG DES AUFTRAGES IST DURCH X GEKENNZEICHNET / THE EXECUTION OF THE ORDER IS MARKED BY X								



ANSICHT A
VIEW A

6B	ASME B16.5 CL.300RF NPS1*	PUMP DRAIN FLANGE
DN2	ASME B16.5 CL.300RF NPS1-1/2*	PUMP DISCHARGE FLANGE
DN1	ASME B16.5 CL.300RF NPS2*	PUMP SUCTION FLANGE
ANSCHLUSS CONNECTION	AUSFUEHRUNG DESIGN	REMARKS
FLANSCH / FLANGES		

GRUNDPOLLENGROESSE BASEPLATE SIZE	ZN24259-7S
MOTORGROESSE MOTOR SIZE	SCHORCH KA7 132S-AB01G-V 2900RPM / 5.5kW
KUPPLUNGSGROESSE COUPLING SIZE	FLENDER N-EUPLEX H 95-140
GROESSEN / SIZES	

PUMPE	PUMP	13B
GRUNDPOLLE	BASEPLATE	222
KUPPLUNG	COUPLING	9
ANTRIEB	DRIVE	46
-	-	-
-	-	-
GESAMT	TOTAL	415
GEWICHTE / WEIGHTS		KG

GENERAL ARRANGEMENT DRAWING FOR GASOLINE PUMP

ITEM NO.: 10-P-2373 A/B

OWNER: DING NO. 10-VD-A1-RE-011-029-L P.D. NO. 2PB434

LINE: DING NO. M-ZA 50038 OWNER JOB CODE / PROJ. NO. 10-P-2373 A/B

LINE: JOB CODE / PROJ. NO. 10-P-2373 A/B

OWNER: NATIONAL PETROCHEMICAL COMPANY MARUN PETROCHEMICAL COMPANY

PROJECT: C2+ RECOVERY AND GAS CRACKING PLANTS

CONTRACTOR: LINDA ENGINEERING AND CONTRACTING

DATE: 2001-10-16

REVISION: 1

ITEM NO.: 10-P-2373 A/B

9970089248

RPH 40-230

AUFSTELLUNGSPLAN
INSTALLATION PLAN

F 103571

BLATT 1 VON 4