

MASSE IN MM / DIMENSIONS IN MM



CENTRE OF GRAVITY FOR COMPLETE UNIT



CENTRE OF GRAVITY ONLY FOR PUMP

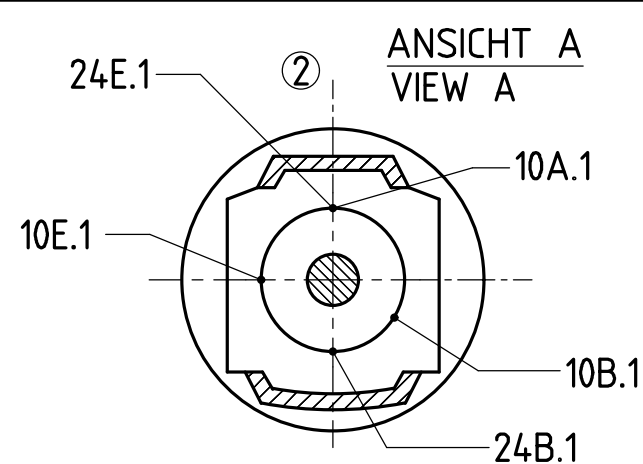
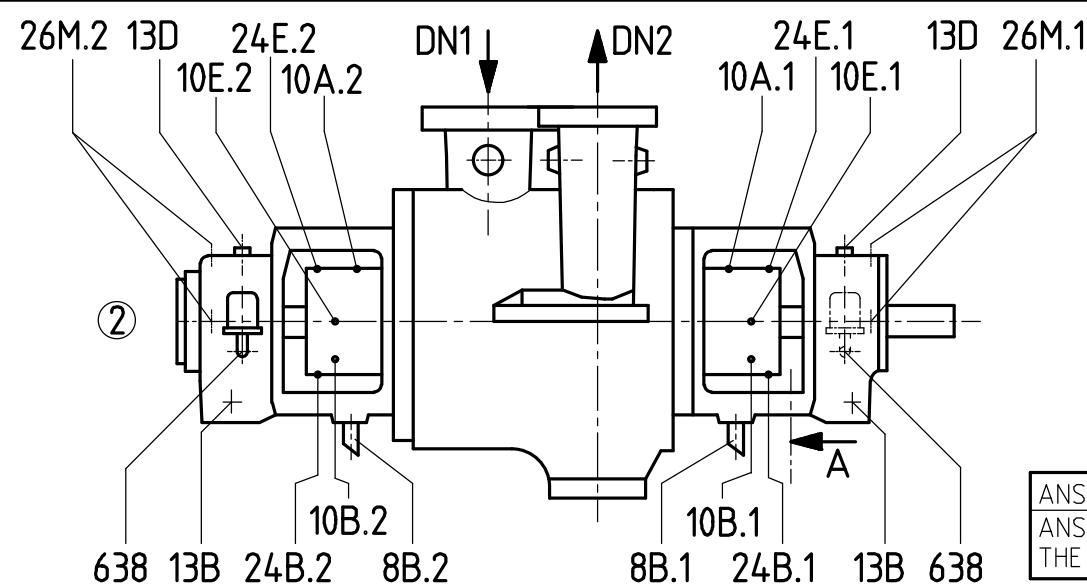
# +ZULAUFDRUCK  
# +SUCTION PRESSURE

31M	2X M6	ERDUNGSANSCHLUSS - EARTHING CONNECTION	-	X	-	-	-	-
26M.1/26M.2	4X Ø 30	STOSSIMPULSMESSUNG - SHOCK IMPULSE MEASUREMENT	-	X	-	-	-	-
24E.1/24E.2	NPT 1/2	QUENCHFLUESSIGKEIT EIN - QUENCH LIQUID INLET	X	-	-	-	-	-
24B.1/24B.2	NPT 1/2	QUENCHFLUESSIGKEIT ABLASS - QUENCH LIQUID DRAIN	X	-	-	-	-	-
10B	NPS 3/4"	SPERRFL. ABLASS - BARRIER LIQUID DRAIN	BLINDFLANGE	X	-	-	-	-
10B.1/10B.2	NPT 1/2	SPERRFL. ABLASS - BARRIER LIQUID DRAIN	-	-	X	-	-	-
10E.2/10A.2	NPT 1/2	SPERRFL. EIN/AUS - BARRIER LIQUID INLET/OUTLET	-	-	X	7	2 #	-
10E.1/10A.1	NPT 1/2	SPERRFL. EIN/AUS - BARRIER LIQUID INLET/OUTLET	-	-	X	7	9 #	-
8B.1/ 8B.2	NPT 1	LECKABLAß - LEAKAGE DRAIN BEARING BRACKET	-	-	X	-	-	-
8B	NPT 2	LECKABLAß GRUNDPLATTE - LEAKAGE DRAIN BASEPLATE	-	X	-	-	-	-
6B	NPS 3/4"	GEHAEUSEABLAß - CASING DRAIN	BLINDFLANGE	X	-	-	-	-
13B	NPT 1/2	OELABLAß - OIL DRAIN	X	-	-	-	-	-
13D	NPT 1/2	ENTLUEFTUNGSSTOPFEN - VENT PLUG BEARING HOUSING	X	-	-	-	-	-
638	NPT 1/4	OELSTANDSREGLER - CONSTANT LEVEL OILER	WIRD LOSE MITGELIEFERT - LOOSE ITEM	-	-	-	-	-

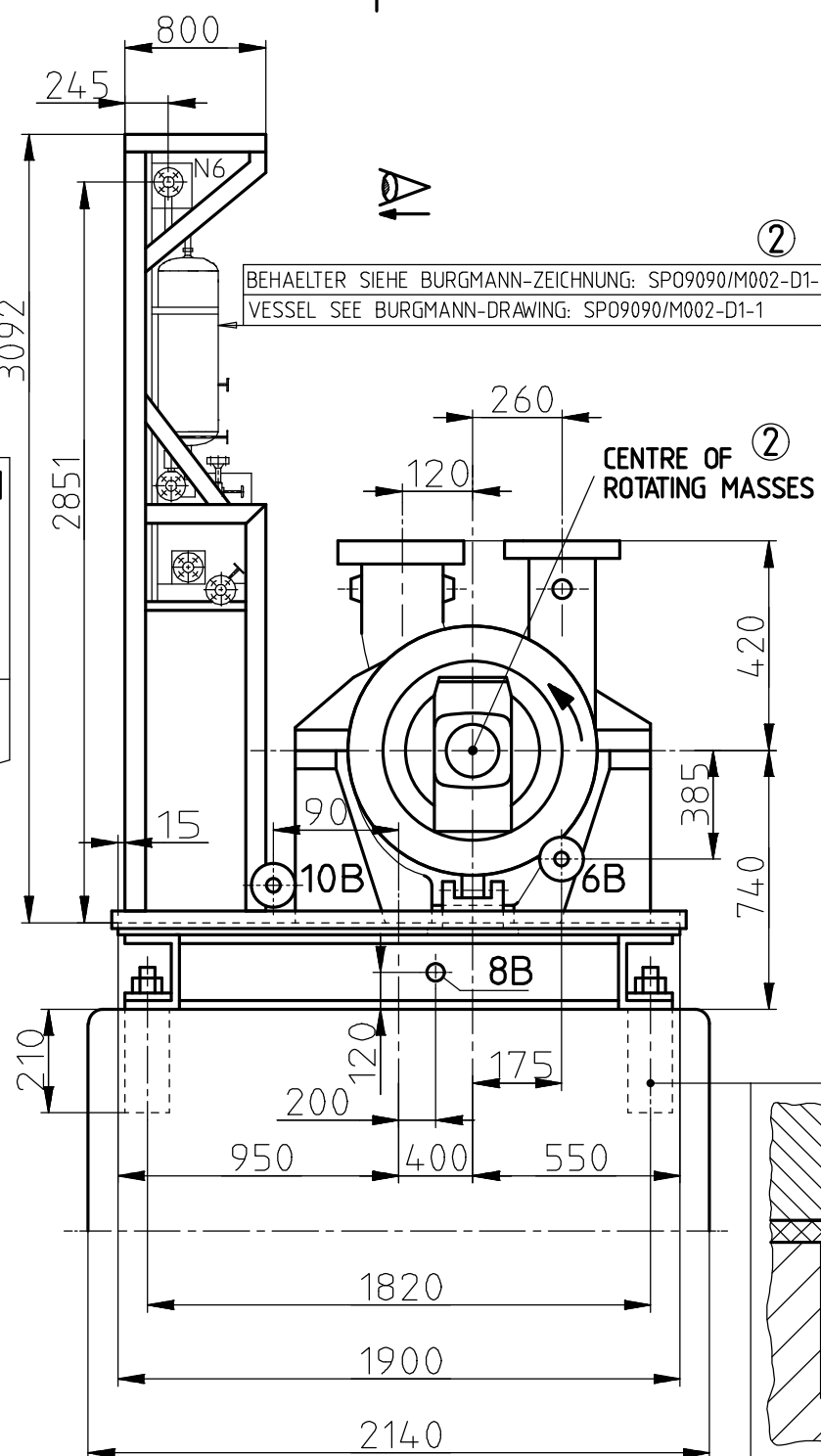
ANSCHLUSS CONNECTION	GROESSE SIZE	BEZEICHNUNG DESIGNATION	MIT STOPFEN VERSCHLOSSEN/ CLOSED WITH SCREW PLUG	KUNDE/ CUSTOMER	KSB	ERF. MENGE/ QUANTITY REQU.	ERF. DRUCK/ PRESSURE REQU.	MAX. DRUCK/ PRESSURE MAX.
		GEWINDE NACH DIN ISO 228, TEIL 1 UND ISO 7/1 (ENTSPRICHT DIN 2999 TEIL 1) / TREAD ACC. TO DIN ISO 228, PART 1 AND ISO 7/1 (CONFORMING TO DIN 2999, PART 1)		SCHLIESST AN/ CONNECTIONS PROVIDED BY		m³/h	BAR	BAR

## ANSCHLUESSE / CONNECTIONS

DIE AUSFUEHRUNG DES AUFTRAGES IST DURCH X GEKENNZEICHNET / THE EXECUTION OF THE ORDER IS MARKED BY X



ANSCHLUESSE DER ANTRIEBSSEITE / DRIVEN END CONNECTION  
ANSCHLUESSE DER NICHTANTRIEBSSEITE SIND SPIEGELBILDLICH ANGEORDNET  
THE NON DRIVEN END CONNECTION ARE ARRANGED MIRROR-INVERTED

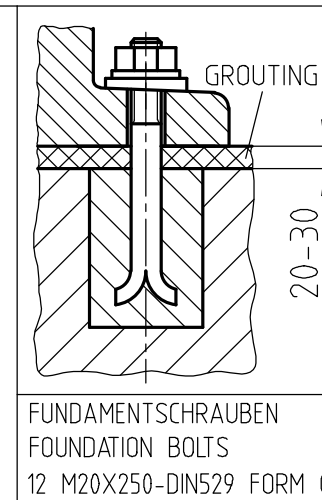
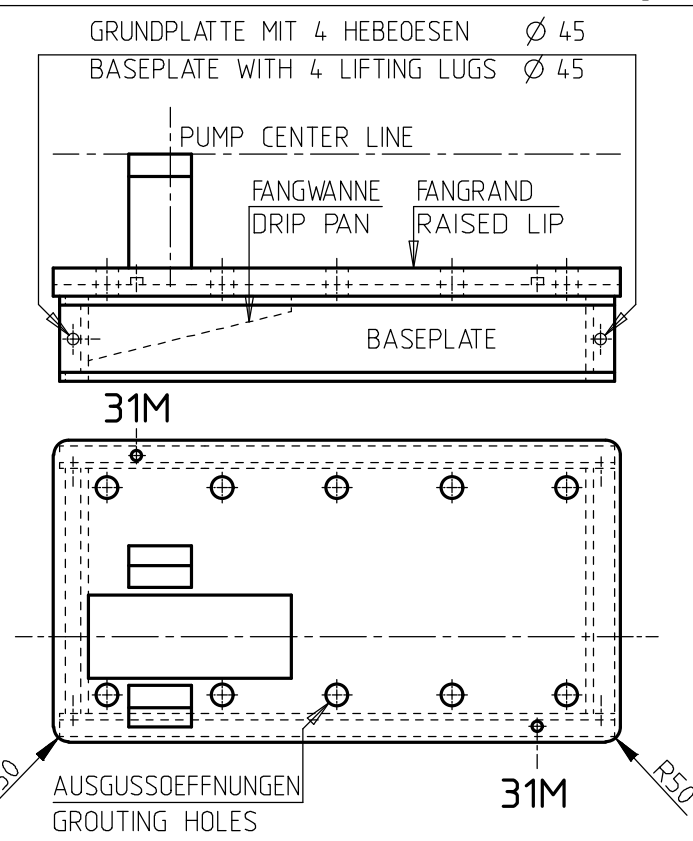


## LEITUNGEN SPANNUNGSFREI ANSCHLIESSEN!

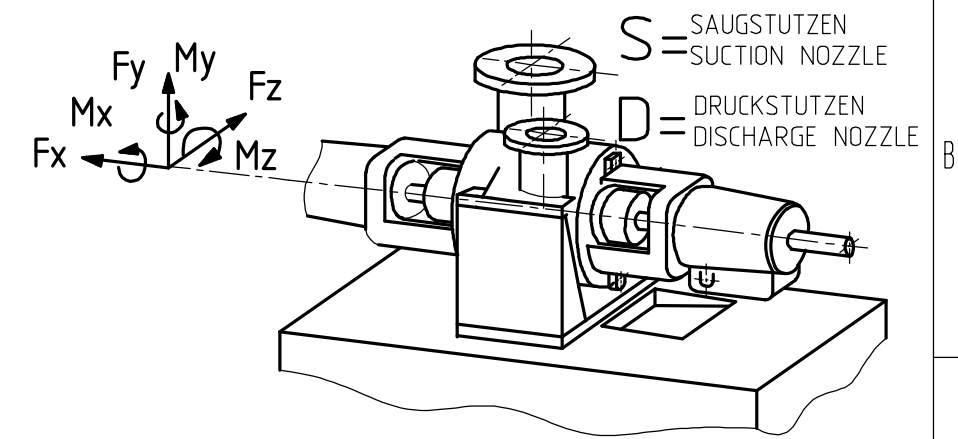
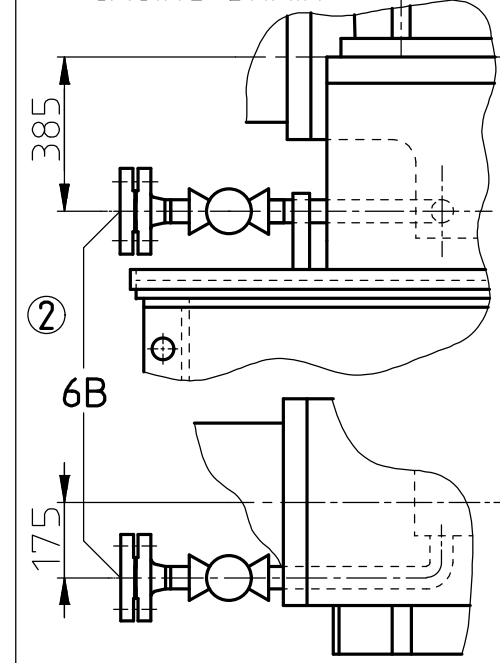
ZULAESSIGE MASSABWEICHUNGEN FUER:  
ACHSHOEHEN  
MASSE OHNE TOLERANZANGABE - PUMPE  
MASSE OHNE TOLERANZANGABE - GRUNDPL.  
DIN 747  
DIN 7168-m  
DIN 7168-g

## THE LINES MUST BE CONNECTED WITHOUT TRANSMITTING ANY STRESSES OR STRAIN!

PERMISSIBLE DEVIATIONS OF DIMENSIONS FOR:  
HEIGHTS OF CENTRE  
DIMENSIONS WITHOUT INDICATION OF TOLERANCES - PUMP  
DIMENSIONS WITHOUT INDICATION OF TOLERANCES - BASEPLATE  
DIN 747  
DIN 7168-m  
DIN 7168-g



## GEHAEUSEABLAß CASING DRAIN



TEMP. = 85°C

ZULAESSIGE KRAEFTE UND MOMENTE ENTSPRECHEN 2X API 610/8.  
DIE ANGABEN GELTEN FUER STATISCHE ROHRLEITUNGSLASTEN.  
BEI UEBERSCHREITUNG IST NACHPRUEFUNG ERFORDERLICH.  
ADMISSIBLE FORCES AND MOMENTS CORRESPOND TO 2X API 610/8.  
DATAS 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	Fy	Fz	Fr	Fx	Fy	Fz	Fr
2848	3560	2314	5072	2136	2670	1780	3826	
MOMENTE MOMENTS (Nm)	Mx	My	Mz	Mr	Mx	My	Mz	Mr
	2658	2008	1356	3608	1900	1438	950	2578

GLEITRINGDICHTUNG MECH. SEAL	BURGMANN-API682 TYP. SHFV-D4/73-E1 TYP. SHFV-D5/73-E1	API SEAL CODE: BDTHN API PIPING PLAN: 53M/61
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## GROESSEN / SIZES

AS-BUILT REV 3

3	2007-05-08	FINAL	-	-	-	-	-	-
2	2006-02-17	FOR FINAL	BOTHE	BOTHE	HEINR	NEUNER	-	-
1	2005-11-30	FOR APPROVAL	BOTHE	BOTHE	HEINR	NEUNER	-	-
0	2005-08-03	FOR APPROVAL	BOTHE	BOTHE	HEINR	NEUNER	-	-
REV.	DATE	DESCRIPTION	ORIG.	PREP.	CHKD.	APPD.	AUTH.	

## SOUTH PARS GAS FIELD DEVELOPMENT- PHASES 9 & 10, ASSALUYEH-IRAN ONSHORE FACILITIES

PROJECT NO.: POGC-760-81-156	DOC. CLASS.	SCALE:
KSB	OIEC	OIEC
TITLE: DIMENSIONAL OUTLINE DRAWING PROPANE FEED PUMPS	ITEM-NO.: 107-P-107207 A/B	
DWG NO. VP-6340S-107-P107-001	SHEET NO. 1 OF 1	REV. 2

6B	ASME B16.5 CL.300RF NPS 3/4"
10B	ASME B16.5 CL.300RF NPS 3/4"
DN2	ASME B16.5 CL.300RF NPS 3"
DN1	ASME B16.5 CL.300RF NPS 4"

ANSCHLUSS CONNECTION	AUSFUEHRUNG DESIGN
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## FLANSCH / FLANGES

GRUNDPLATTENGROESSE BASEPLATE SIZE	UG1041350
MOTORGROESSE MOTOR SIZE	LOHER IEC-315S 96KW
KUPPLUNGSTYP/GROESSE COUPLING TYPE/SIZE	METASTREAM FLEX-METAL TSKS-0075-0377-2500

## GROESSEN / SIZES

PUMPE - PUMP	820
GRUNDPLATTE - BASEPLATE	2400
KUPPLUNG - COUPLING	20
ANTRIEB - DRIVE	1000
ROHRLEITUNG - PIPELINE	100
SPERRANLAGE - BUFFER FLUID UNIT	950
GESAMT - TOTAL	5290
GEWICHTE / WEIGHTS	KG

PURCHASER NO.	PO-6340S-0910-01-0
KSB ORDER NO.	9970869420 6000
ADD. POS. NO.	
ALTERATION/INDEX/NO AENDERUNG/INDEX/ANZ. MODIF/INDEX/NO	05
WELD/SCHWEIS.	
CALCUL./BERECHN.	
QUALITY/QUALIT.	
APPR./GEPR.	16.10.2007 SEIBMAN
PREPARE./BEARB.	15.10.2007 DRESMAT
DATE/DATUM	NAMEN/NO

TYPE/BAUREIHE/SERIE DE CONSTR RPHb 80-360/2	SCALE MASSSTAB ECHELLE -:-
DENOMINATION/BENENNUNG/DESIGNATION INSTALLATION PLAN AUFSTELLUNGSPLAN PLAN D'INSTALLATION	SHT-NR/BLATT No FEUILLE 1
NO. NR. F109416 CDI B01	OF / VON NOMBRE F. 1
COPYR ISO 16016 SCHUTZVERM ISO 16016 PROT ISO 16016 REPL. FORTIERS.FUER/REPL. L.N. ORIG./RENTSTAUS/RENT. A PART	