

● CENTRE OF GRAVITY FOR COMPLETE UNIT ② ● CENTRE OF GRAVITY ONLY FOR PUMP

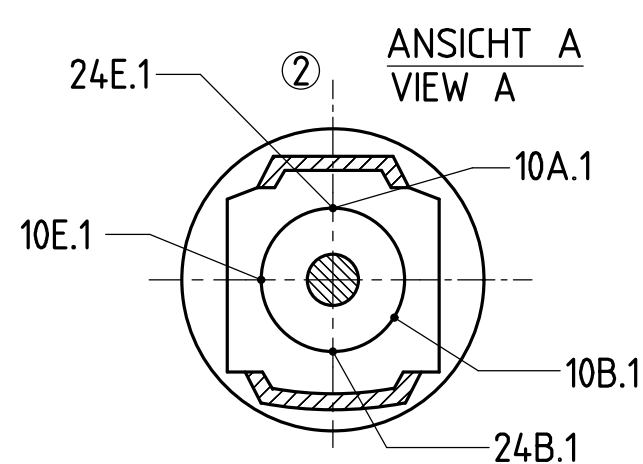
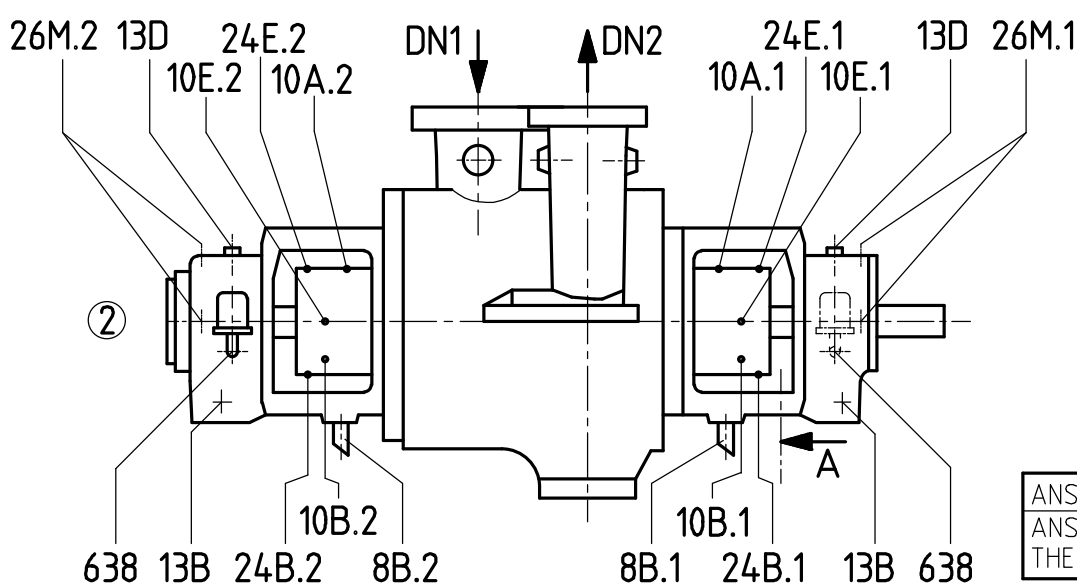
31M	2X M6	ERDUNGSANSCHLUSS - EARTHING CONNECTION	-	X	-	-	-	-
26M.1/26M.2	4X Ø 30	STOSSIMPULSMESSUNG - SHOCK IMPULSE MEASUREMENT	-	X	-	-	-	-
24E.1/24E.2	NPT 1/2	QUENCHFLUESSIGKEIT EIN - QUENCH LIQUID INLET	X	-	-	-	-	-
24B.1/24B.2	NPT 1/2	QUENCHFLUESSIGKEIT ABLASS - QUENCH LIQUID DRAIN	X	-	-	-	-	-
10B	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	16 #	-
8B.1/ 8B.2	NPT 1	LECKABLAUSS - LEAKAGE DRAIN BEARING BRACKET	-	-	X	-	-	-
8B	NPT 2	LECKABLAUSS GRUNDPLATTE - LEAKAGE DRAIN BASEPLATE	-	X	-	-	-	-
6B	NPS 3/4	GEHAUSEABLAUSS - CASING DRAIN	BLINDFLANGE	X	-	-	-	-
13B	NPT 1/2	OELABLAUSS - 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	-	-	-	-	-

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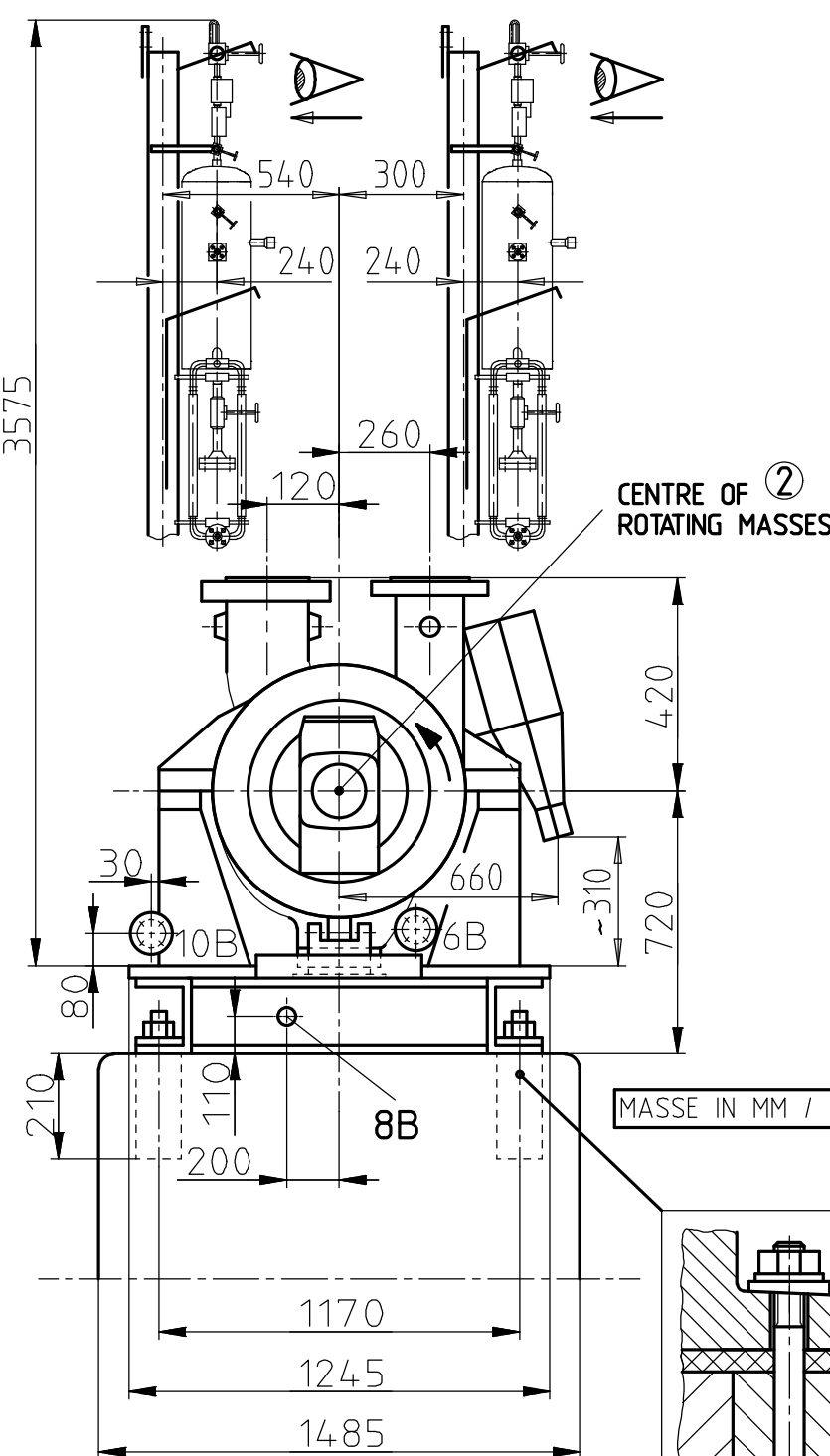
+ZULAUFDRUCK
+SUCTION PRESSURE

ANSCHLUESSE / CONNECTIONS

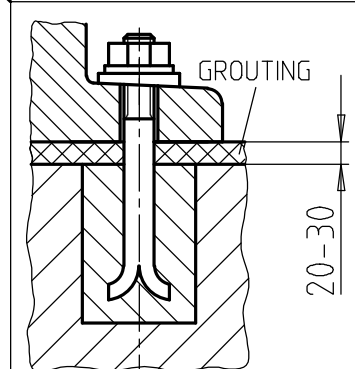
DIE AUSFUEHRUNG DES AUFTRAGES IST DURCH X GEKENNZEICHNET / THE EXECUTION OF THE ORDER IS MARKED BY X



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



MASSE IN MM / DIMENSIONS IN MM



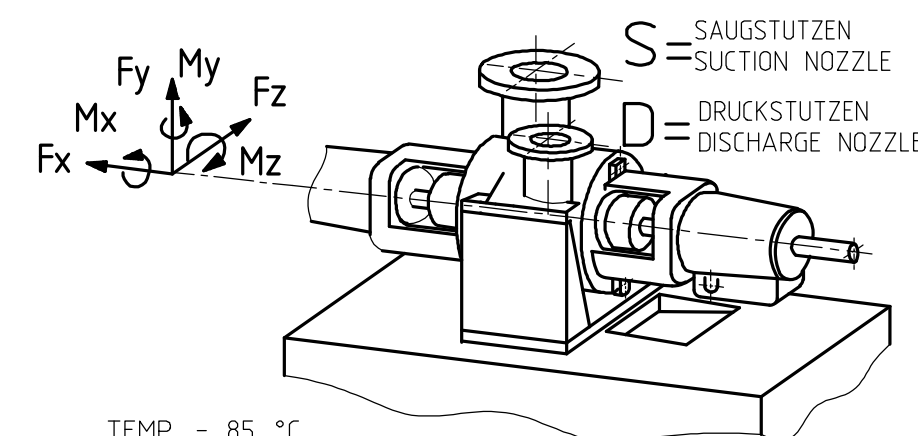
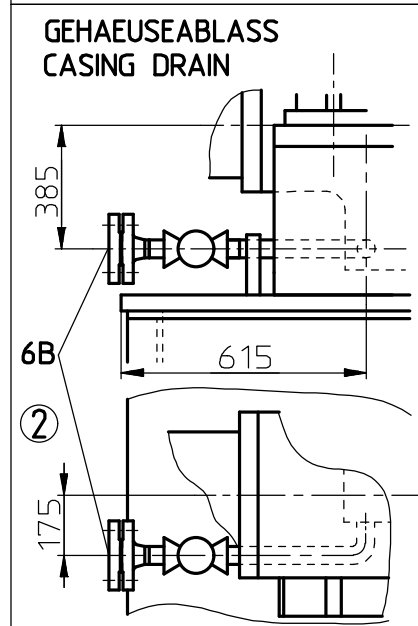
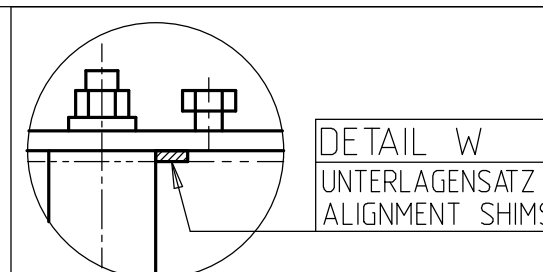
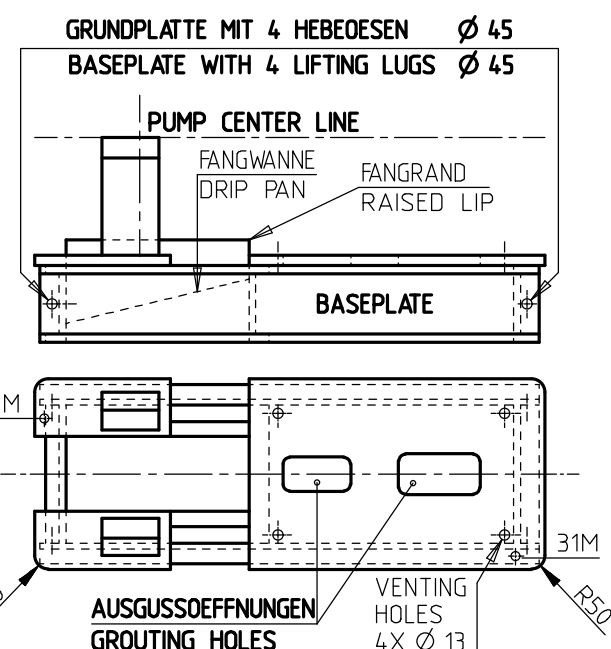
FUNDAMENTSCHRAUBEN
FOUNDATION BOLTS
12XM20X250-DIN529 FORM C

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



TEMP. = 85 °C

ZULAESSIGE KRAEFTE UND MOMENTE ENTSPRECHEN 2X API 610.
DIE ANGABEN GELTEN FUER STATISCHE ROHRLEITUNGSLASTEN.
BEI UEBERSCHREITUNG IST NACHPRUEFUNG ERFORDERLICH.
ADMISSIBLE FORCES AND MOMENTS CORRESPOND TO 2X API 610.
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

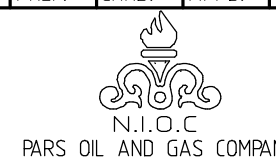
GLEITRINGDICHTUNG MECH. SEAL	BURG-MANN-API682 TYP: SHFV-D4/73-E1 TYP: SHFV-D5/73-E1	API SEAL CODE: BDTIN API PIPING PLAN: 53/61
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GROESSEN / SIZES

AS-BUILT REV 3

-	-	-	-	-	-
3	2007-05-08	FINAL	DASCHNER	DASCHNER	HEINR. NEUNER
2	2006-02-20	FOR FINAL	DRESSEL	BOTHE	HEINR. NEUNER
1	2005-12-08	FOR APPROVAL	DRESSEL	BOTHE	HEINR. NEUNER
0	2005-08-03	FOR APPROVAL	DRESSEL	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 AMINE H.P. PUMPS	ITEM-NO.: 116-P-111/211 A/B	
DWG NO. VP-6340S-116-P111-001	SHEET NO. 1 OF 1	REV. 2

10B	ASME B16.5 CL.300RF NPS 3/4"
6B	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 AUSFUEHRUNG
CONNECTION DESIGN

FLANSCH / FLANGES

GRUNDPLATTENGROESSE BASEPLATE SIZE	0W247342-00
MOTORGROESSE MOTOR SIZE	SIEMENS 1MS4 314-2AN60-Z 250KW
KUPPLUNGSTYP/GROESSE COUPLING TYPE/SIZE	METASTREAM FLEX-METAL TSKS-0135-0377-2500

GROESSEN / SIZES

PUMPE - PUMP	820
GRUNDPLATTE - BASEPLATE	1300
KUPPLUNG - COUPLING	25
ANTRIEB - DRIVE	1900
ROHRLEITUNG - PIPELINE	500
-	-
GESAMT - TOTAL	4545
GEWICHTE / WEIGHTS	KG

PURCHASER NO.	PO-6340S-0910-01-0
KSB ORDER NO.	9970869420 6200
ADD. POS. NO.	
ALTERATION/INDEX/NO AENDERUNG/INDEX/ANZ. MODIF/INDEX/INOM	04
WELD/SCHWEIS.	
CALCUL./BERECHN.	
QUALITY/QUALIT.	
APPR./GEPR.	16.10.2007 SEIBMAN
PREPARE./BEARB.	16.10.2007 DRESMAT
DATE/DATUM	NAMEN/INOM

TYPE/BAUREIHE/SERIE DE CONSTR RPHb 80-360/2	SCALE MASS/AB ECHELLE -:-
DENOMINATION/BENENNUNG/DESIGNATION INSTALLATION PLAN AUFSTELLUNGSPLAN PLAN D'INSTALLATION	SHT-NR/BLATT No FEUILLE 1
NO. NR. F109425 CDI 001	OF / VON NOMBRE F. 1
COPYR ISO 16016 SCHUTZVERM ISO 16016 PROT ISO 16016 REPL FOR/ERS.FUER/REEMPL L.N. ORIG./RENT/STAUS/PAIT A PART	