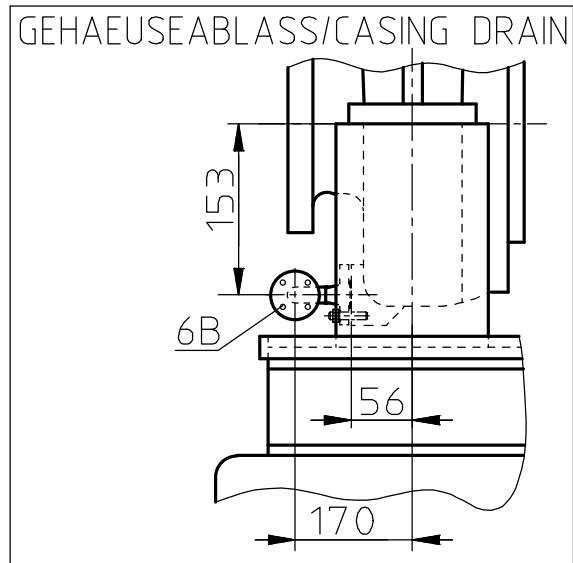
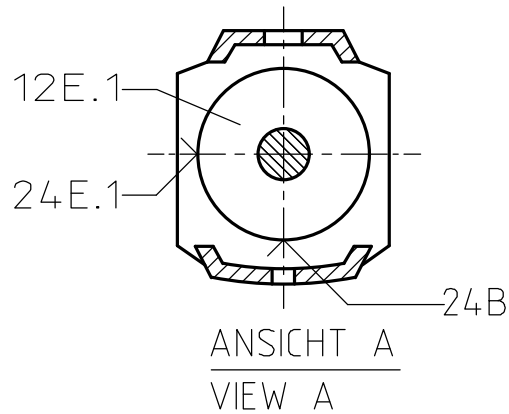
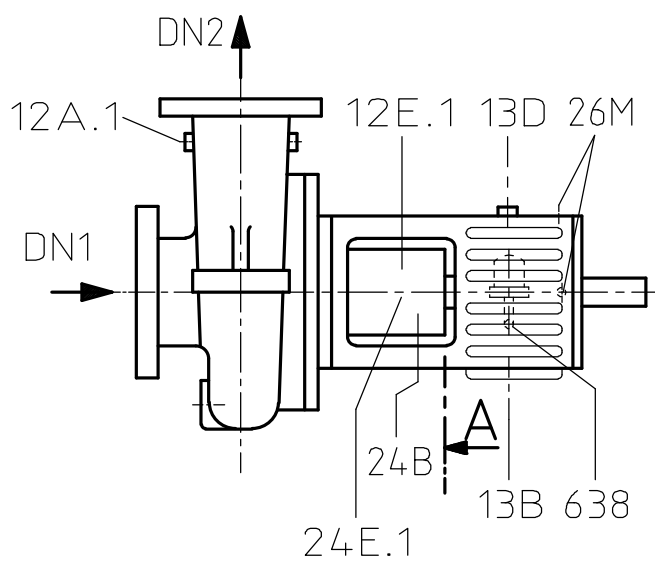


MASSE IN MM / DIMENSIONS IN MM

26M	Ø 30-M8	STOSSIMPULSMESSUNG - SHOCK IMPULSE MEASUREMENT	-	X	-	-	-	-
31M	2 x M6	ERDUNGSANSCHLUSS - EARTHING CONNECTION	-	X	-	-	-	-
12E.1/12A.1	NPT 1/2	ZIRKULATIONSFL. EIN/AUS - FLUSH LIQUID INLET/OUTLET	-	-	X	-	-	-
24B	NPT 3/8	QUENCHFL. ABLASS - QUENCH LIQUID DRAIN	X	-	-	-	-	-
24E.1	NPT 3/8	QUENCHFL. EIN - QUENCH LIQUID INLET	X	-	-	-	-	-
6B	NPS 3/4"	GEHAEUSEABLASS - CASING DRAIN	BLINDFLANGE	-	-	-	-	-
8B	NPT 2	LECKABLASS GRUNDPLATTE - LEAKAGE DRAIN BASEPLATE	-	X	-	-	-	-
13B	NPT 1/2	ÖLABLASS - OIL DRAIN	X	-	-	-	-	-
13D	NPT 1/2	ENTLUEFTUNGSSTOPFEN - VENT PLUG	X	-	-	-	-	-
638	NPT 1/4	ÖLSTANDSREGLER - CONSTANT LEVEL OILER	WIRD LOSE MITGELIEFERT - LOOSE ITEM	-	-	-	-	-
ANSCHLUSS CONNECTION	GROSSE SIZE	BEZEICHNUNG DESIGNATION	MIT STOPFEN VERSCHLOSSEN/ CLOSED WITH SCREW PLUG	KUNDE/ CUSTOMER	KSB	ERF. MENGE/ QUANTITY REQU. L/MIN	ERF. DRUCK/ PRESSURE REQU. BAR	MAX. DRUCK/ PRESSURE MAX. BAR

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 NPS 3/4"
DN2	ASME B16.5 CL.300RF NPS 1 1/2"
DN1	ASME B16.5 CL.300RF NPS 2"
ANSCHLUSS CONNECTION	AUSFUEHRUNG DESIGN

FLANSCH / FLANGES

GRUNDPLATTENGROSSE BASEPLATE SIZE	API 5.0 (UG104.9247)
MOTORGROSSE MOTOR SIZE	LOHER IEC-160M 13KW
KUPPLUNGSTYP/GROSSE COUPLING TYPE/SIZE	METASTREAM FLEX-METAL TSKS-0013-0378-14.00

GROESSEN / SIZES

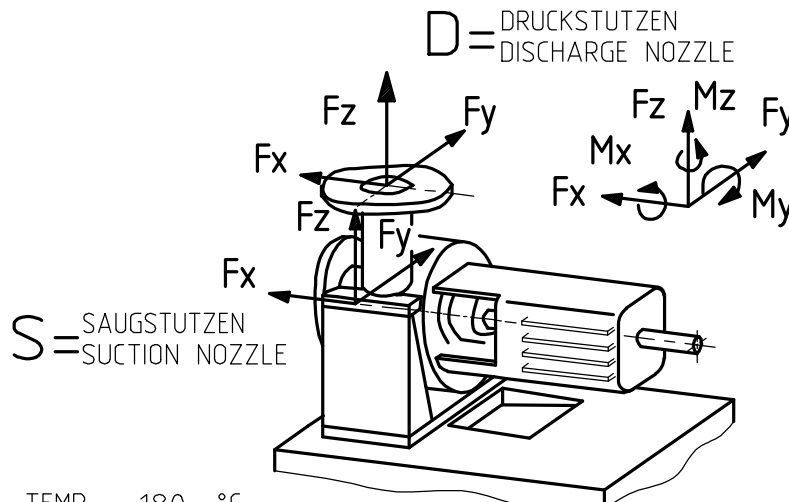
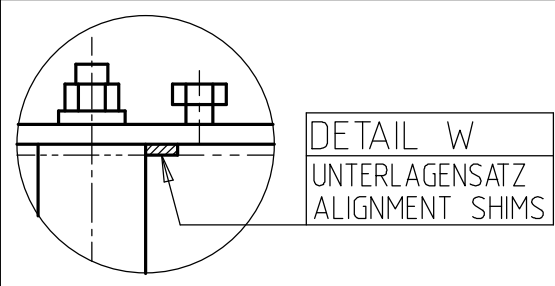
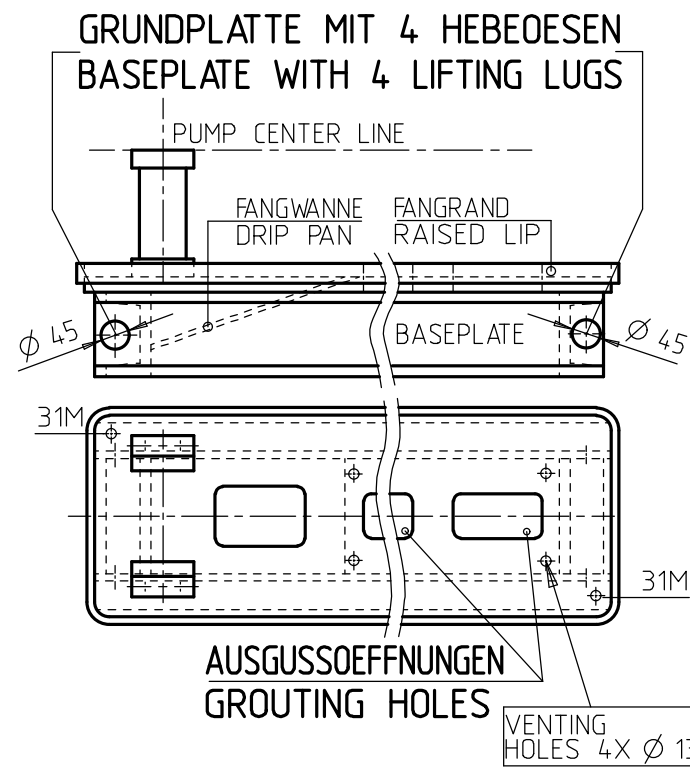
PUMPE - PUMP	195
GRUNDPLATTE - BASEPLATE	680
KUPPLUNG - COUPLING	6
ANTRIEB - DRIVE	106
-	-
-	-
GESAMT - TOTAL	987
GEWICHTE / WEIGHTS	KG

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

DIN 747
DIN EN 735
DIN 1686 GTB18
EN ISO 13920B
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 GTB18
EN ISO 13920B
DIN ISO 2768-m



TEMP.= 180 °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.
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	Fy	Fz	Fres	Fx	Fy	Fz	Fres	
1780	1430	1160	2560	1430	1160	1780	2560		
MOMENTE MOMENTS (Nm)	Mx	My	Mz	Mres	Mx	My	Mz	Mres	
920	460	710	1250	920	460	710	1250		

GLEITRINGDICHTUNG MECH. SEAL	BURGMANN-API682 TYP: H75VN/60-E80	API SEAL CODE: BSTFN API PIPING PLAN: 11/61
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GROESSEN / SIZES

AS-BUILT REV 3

-	-	-	-	-	-
3	2007-05-08	FINAL	DASCHNER	DASCHNER	HEINR
2	2006-02-16	FOR FINAL	BOTHE	BOTHE	HEINR
1	2005-12-06	FOR APPROVAL	BOTHE	BOTHE	HEINR
0	2005-08-03	FOR APPROVAL	BOTHE	BOTHE	HEINR
REV.	DATE	DESCRIPTION	ORIG.	PREP.	CHKD.
SOUTH PARS GAS FIELD DEVELOPMENT- PHASES 9 & 10, ASSALUYEH-IRAN ONSHORE FACILITIES			PARS OIL AND GAS COMPANY		
PROJECT NO.: POGC-760-81-156			DOC. CLASS.		
TITLE: DIMENSIONAL OUTLINE DRAWING BUTANE SETTLER WATER MAKE UP PUMPS			ITEM-NO.: 113-P-111/211		
DWG NO. VP-6340S-113-P111-001			SHEET NO. 1 OF 1		

PURCHASER NO.	PO-6340S-0910-01-0
KSB ORDER NO.	9970869420 7000
ADD. POS. NO.	
ALTERATION INDEX/NO ÄNDERUNG INDEX/ANZ. MODIF INDEX/NO	04
WELD/SCHWEIS.	
CALCUL./BERECHN.	
QUALITY/QUALIT.	
APPR./GEPR.	16.10.2007 SEIBMAN
PREPARE./BEARB.	16.10.2007 DRESMAT
DATE/DATUM	
NAME/NOM	

UG	TYPE/BAUREIHE/SERIE DE CONSTR RPH 040-280
DENOMINATION/BENENNUNG/DESIGNATION INSTALLATION PLAN AUFSTELLUNGSPLAN PLAN D'INSTALLATION	
NO/NO.	F109421
CDI 001	
COPYR ISO 16016 SCHUTZVERM ISO 16016 PROT ISO 16016 REPL FOR/ERS.FUER/REEMPL L.N. ORIG.FR/ENTSTAUS/FAIT A PART	
SCALE MASSSTAB ECHELLE -:-	
SHT-NR/BLATT No FEUILLE 1	
OF / VON NOMBRE F. 1	