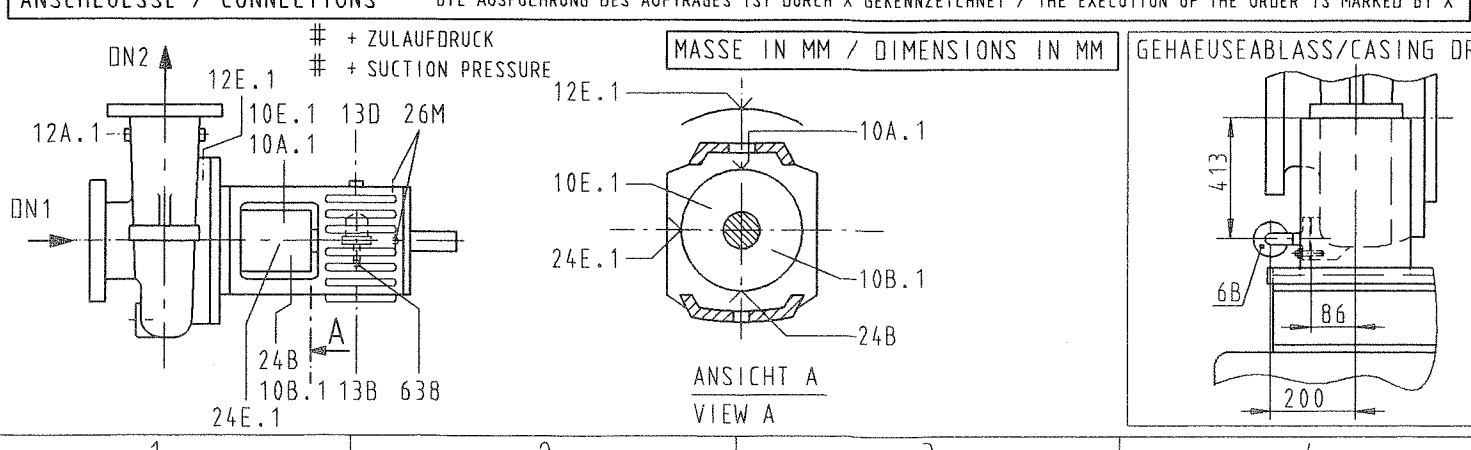


31M	2 X M6	ERDUNGSANSCHLUSS	- EARTHING CONNECTION	-	X	-	-	-	-
26M	Ø30-M8	STOSSIMPULSMESSUNG	- SHOCK IMPULSE MEASUREMENT	-	X	-	-	-	-
10B	NPS 3/4	SPERRFL. ABLASS	- BARRIER LIQUID DRAIN	BLINDFLANGE	-	-	-	-	-
10B.1	NPT 1/2	SPERRFL. ABLASS	- BARRIER LIQUID DRAIN	-	-	X	-	-	-
10E.1/10A.1	NPT 3/4	SPERRFL. EIN/AUS	- BARRIER LIQUID INLET/OUTLET	-	-	X	7	5.2 #	-
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	OELABLASS	- OIL DRAIN	X	-	-	-	-	-
13D	NPT 1/2	ENTLUEFTUNGSSTOPFEN	- VENT PLUG	X	-	-	-	-	-
63B	NPT 1/4	OELSTANDSREGLER	- 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.	ERF. DRUCK/ PRESSURE REQU.	ERF. DRUCK/ PRESSURE MAX.	MAX. DRUCK/ PRESSURE MAX.
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	BAR	BAR

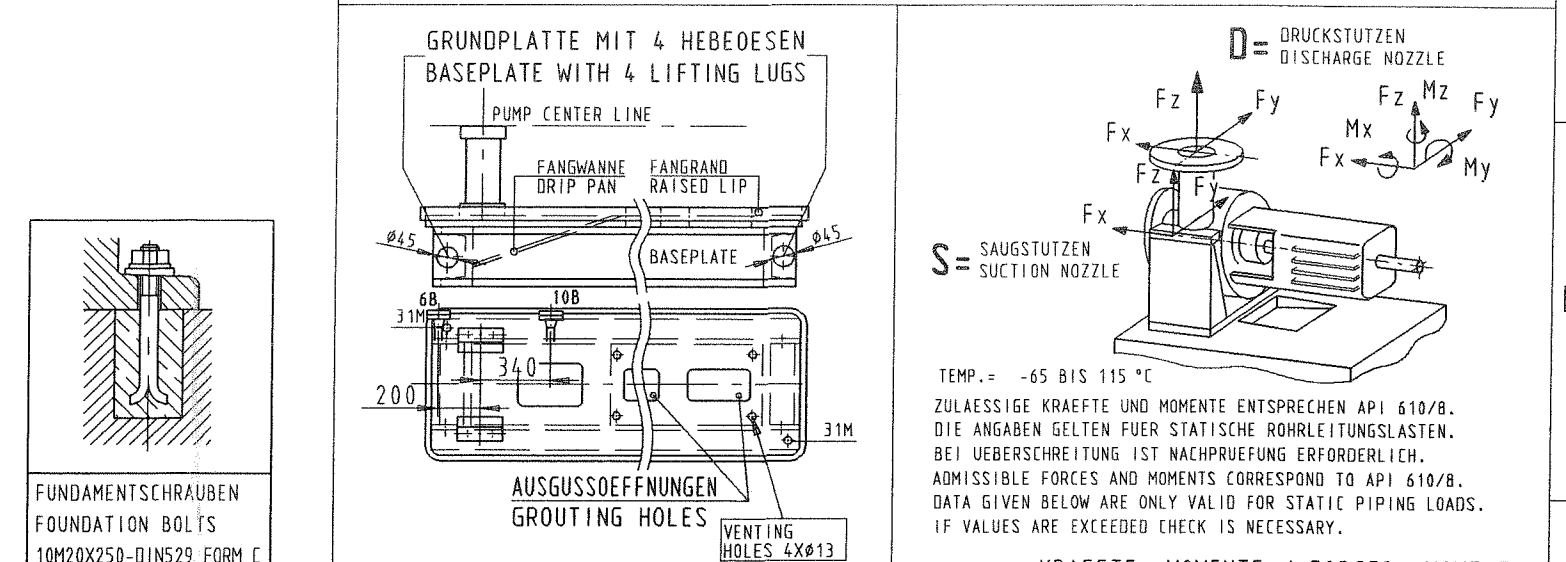


LEITUNGEN SPANNUNGSFREI ANSCHLIESSEN!  
ZULAESSIGE MASSABWEICHUNGEN FUER:  
ACHSHOEHEN FUER MASCHINEN  
ANSCHLUSSMASSE FUER PUMPEN  
MASSE OHNE TOLERANZANGABE - GRAUGUSSTEILE  
MASSE OHNE TOLERANZANGABE - SCHWEISSTEILE  
ALLGEMEINTOLERANZEN FUER BEARBEITETE TEILE

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








KRAEFTE, MOMENTE / FORCES, MOMENTS							
SAUGSTUTZEN SUCTION NOZZLE				DRUCKSTUTZEN DISCHARGE NOZZLE			
KRAEFTE FORCES (N)	Fx	Fy	Fz	Fres	Fx	Fy	Fz
	9790	7560	6230	13850	4980	4100	6230
MOMENTE MOMENTS (Nm)	Mx	My	Mz	Mres	Mx	My	Mz
	7050	3530	5150	9420	4610	2360	3530

10B	ASME B16.5 CL.600RF NPS 3/4"
6B	ASME B16.5 CL.600RF NPS 3/4"
DN2	ASME B16.5 CL.600RF NPS 6"
DN1	ASME B16.5 CL.600RF NPS 8"
ANSCHLUSS CONNECTION	AUSFUEHRUNG DESIGN
FLANSCH / FLANGES	
GRUNDPLATTENGROSSE BASEPLATE SIZE	API 12
MOTORGROSSE MOTOR SIZE	SIEMENS IEC-280S- 75.0KW EXN A11 T3
KUPPLUNGSGROSSE COUPLING SIZE	FLENDER ARPEX NAN 212-6-250
GROSSEN / SIZES	
PUMPE PUMP	1600
GRUNDPLATTE BASEPLATE	1330
KUPPLUNG COUPLING	30
ANTRIEB DRIVE	535
ROHRLEITUNG PIPELINE	-425
GESAMT TOTAL	-3920
GEWICHTE / WEIGHTS	
KG	

GLEITRINGDICHTUNG MECH. SEAL	BURGMANN-API682 TYP:H75VK/135-PTA80	API SEAL CODE ,BOTIN API PIPING PLAN:11/53M/61
GROSSEN / SIZES		
-	-	-
04	2005-08-30	FOR FINAL
03	2005-06-17	FOR FINAL
02	2005-05-24	FOR FINAL
01	2005-03-17	FOR APPROVAL
REV.	DATE	DESCRIPTION
		ORIG. PREP. CHKD. APPD. AUTH.

MOTORGROESSE MOTOR SIZE		SIEMENS IEC-280S- 75.0KW EXN A11 T3	
KUPPLUNGSGROESSE COUPLING SIZE		FLENDER ARPEX NAN 212-6-250	
GROESSEN / SIZES			
PUMPE	PUMP	1600	
GRUNDPLATTE	BASEPLATE	1330	
KUPPLUNG	COUPLING	30	
ANTRIEB	DRIVE	535	
ROHRL EITUNG	PIPELINE	~425	
-	-	-	
GESAMT	TOTAL	~3920	
GEWICHTE / WEIGHTS		KG	

SOUTH PARS GAS FIELD DEVELOPMENT- PHASES 9 & 10, ASSALUYEH-IRAN ONSHORE FACILITIES				 N.I.O.C. PARS OIL AND GAS COMPANY	
PROJECT NO.: POGC-760-81-156			DOC. CLASS.		SCALE:
					
TITLE:                    DIMENSIONAL OUTLINE DRAWING					
DWG NO. VP-6340S-105-P101-001			SHEET NO. 1 OF 5		REV. 04

ZEICHNUNGS-NR./DRAWING NO./N° PLAN	2005-08-30	BOTHE	04
CAD DAO	2005-01-20	NEUGEBAUER	0
MASSSTAB/SCALE/ECHELLE	DATE	NAME/NOM	AENDERUNG/REV. MODIFICATION
BAUREIHE-GROSSE/TYP-SIZE	RPH-A8	150-630	
AUFSTELLUNGSPLAN INSTALLAT PLAN PLAN INSTALLATION			
BITTE GRUNDSÄTZLICH BEI SCHRIFTVERKEHR ANGEBEN/ SHOULD ALWAYS BE STATED IN CORRESPONDENCE/ A INDIQUER DANS TOUTE CORRESPONDANCE			
BAHNHOFPLATZ 1, 91257 PEGNITZ ; POSTFACH 1360, 91253 PEGNITZ TELEFON:(+49)09241 71-0, TELEFAX:(+49)09241 71-1792			
BESTELLER-NR./PURCHASER NO./N° ACHETEUR		105-P-101/201/301/401 A/B	
BETREIBER-NR./CUSTOMER NO./N° CLIENT		KSB AUFTRAGS-NR./KSB ORDER NO./N° COMMANDE KSB	
9970789933		KSB WERK-NR./KSB WORK NO./N° DE FABRICATION KSB	
6-N27-503936/1-8		F108854	
BLATT SHEET FEUILLE		1	VON OF DE 5