

KRAEFTE, MOMENTE / FORCES, MOMENTS									
	SAUGSTUTZEN SUCTION NOZZLE				DRUCKSTUTZEN DISCHARGE NOZZLE				
KRAEFTE FORCES (N)	F _x	F _y	F _z	F _{res}	F _x	F _y	F _z	F _{res}	
	1780	1430	1160	2560	1430	1160	1780	2560	
MOMENTE MOMENTS (Nm)	M _x	M _y	M _z	M _{res}	M _x	M _y	M _z	M _{res}	
	920	460	710	1250	920	460	710	1250	

31M	2 X M6	ERDUNGSANSCHLUSS - EARTHING CONNECTION	-	X	-	-	-	-
26M	Ø 30-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 1/2	SPERRFL. EIN/AUS - BARRIER LIQUID INLET/OUTLET	-	-	X	3	4.5 #	-
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"	GEHÄUSEABLAUSS - CASING DRAIN	BLINDFLANGE	-	-	-	-	-
8B	NPT 2	LECKABLAUSS GRUNDPLATTE - LEAKAGE DRAIN BASEPLATE	-	X	-	-	-	-
13B	NPT 1/2	ÖLABLAUSS - OIL DRAIN	X	-	-	-	-	-
13D	NPT 1/2	ENTLUEFTUNGSTOPFEN - 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/	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) / THREAD ACC. TO DIN ISO 228, PART 1 AND ISO 7/1 (CONFORMING TO DIN 2999, PART 1)	CLOSED WITH SCREW PLUG	SCHLIESST AN/ CONNECTED BY		L/MIN	BAR	BAR

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

GLEITRINGDICHTUNG MECH.SEAL	BURGMANN-API682 TYP: H75VK/75-PTA80	API SEAL CODE: BDTIN API PIPING PLAN: 11/53/61
GROESSEN / SIZES		






FLANSCH / FLANGES

GRUNDPLATTENGROSSE BASEPLATE SIZE	API 5.0 (0W249580)
MOTORGROSSE MOTOR SIZE	LOHER IEC-112M 4KW
KUPPLUNGSTYPGROSSE COUPLING TYPE/SIZE	METASTREAM FLEX-METAL TSKS-0013-0377-1400

GROESSEN / SIZES

PUMPE - PUMP	131
GRUNDPLATTE - BASEPLATE	680
KUPPLUNG - COUPLING	5
ANTRIEB - DRIVE	38
ROHRLEITUNG - PIPELINE	250
-	-
GESAMT - TOTAL	1104
GEWICHTE / WEIGHTS	KG

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3	2007-05-08	FINAL	DASCHNER	DASCHNER	HEINR	NEUNER		
2	2006-02-16	FOR FINAL	BOTHE	BOTHE	HEINR	NEUNER		
1	2005-12-06	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		 N.I.O.C. PARS OIL AND GAS COMPANY	
PROJECT NO.: POGC-760-81-156	DOC. CLASS.	SCALE:	
 KSB		 OIEC	 IOEC
TITLE: DIMENSIONAL OUTLINE DRAWING		ITEM-NO.: 109-P-104/106 A/B	
FIRST & SECOND SOUR WATER STRIPPER		REFLUX PUMPS	
DWG NO.	VP-634S-109-P104-001	SHEET NO. 1 OF 1	REV. 2

PURCHASER NO.	P0-63405-0910-01-0		DWG NO. VP-03405-0910-01-001		TYPE/BAUREIHE/SERIE DE CONSTR		SHEET NO. 1 OF 1		REV. 2	
KSB ORDER NO.	9970869420		6800		 UG		RPH 025-230			
ADD. POS. NO.			DENOMINATION/BENENNUNG/DESIGNATION							
ALTERATION/INDEX/NO ÄNDERUNG/INDEX/ANZ. MODIF/INDEX/NO	04		INSTALLATION PLAN							
WELD/SCHWEIS.			AUFSTELLUNGSPLAN							
CALCUL./BERECHN.			PLAN D'INSTALLATION							
QUALITY/QUALIT.			 		NOM/RI.		SHT-NR/BLATT			
APPR./GEPR.	16.10.2007	SEIBMAN			F109419		CD1 001		No FEUILLE	
PREPARE/BEARB	15.10.2007	DRESMAT			COPYR ISO 16016 SCHUTZVERM ISO 16016 PROT ISO 16016		OF / VON		NOMBRE F.	
	DATE/DATUM	NAME/NOM			REPL. FORIERS.FUER/REMP. L.N.		ORIG.FR/ENT.S/AUS/AIT A PART		1	

