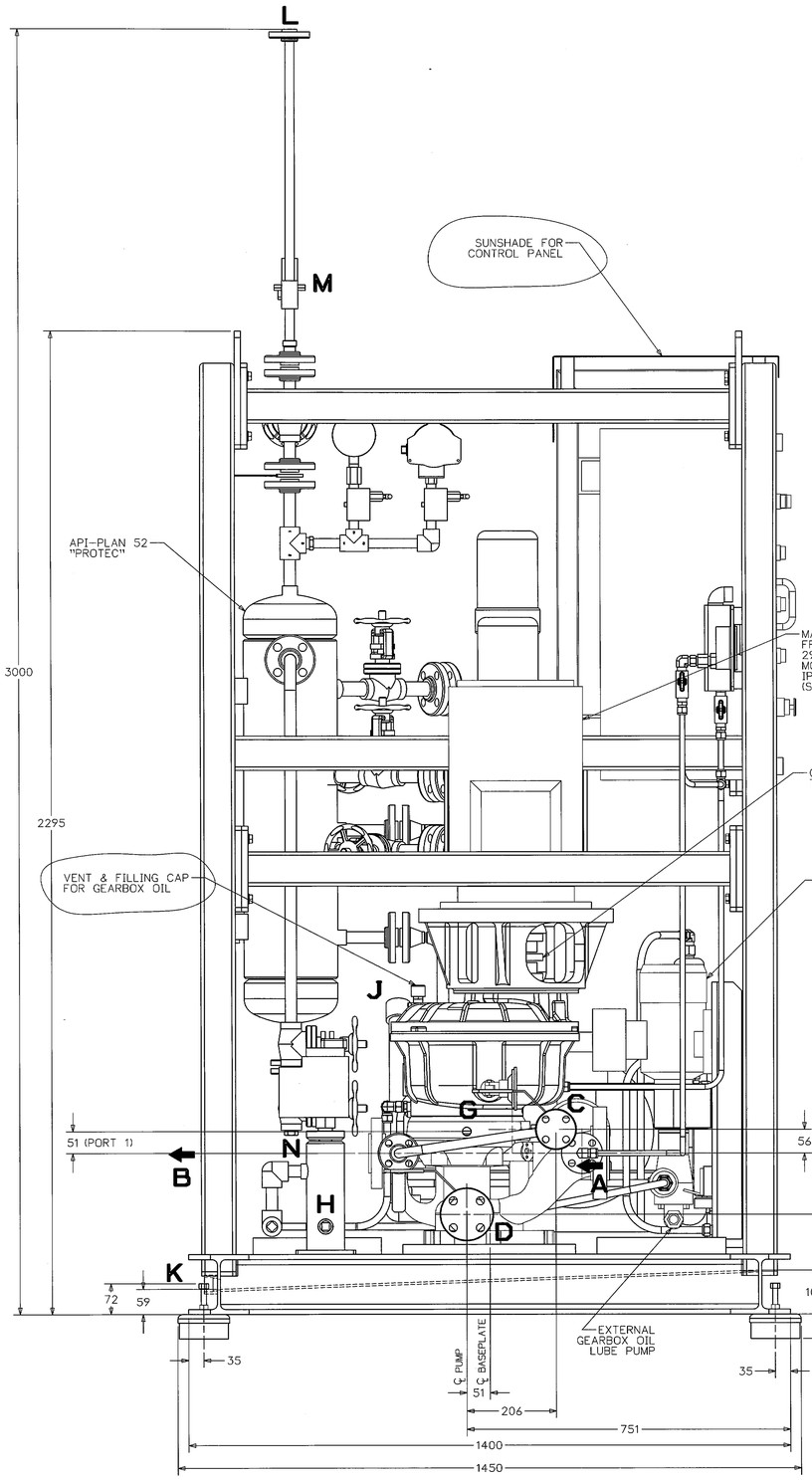
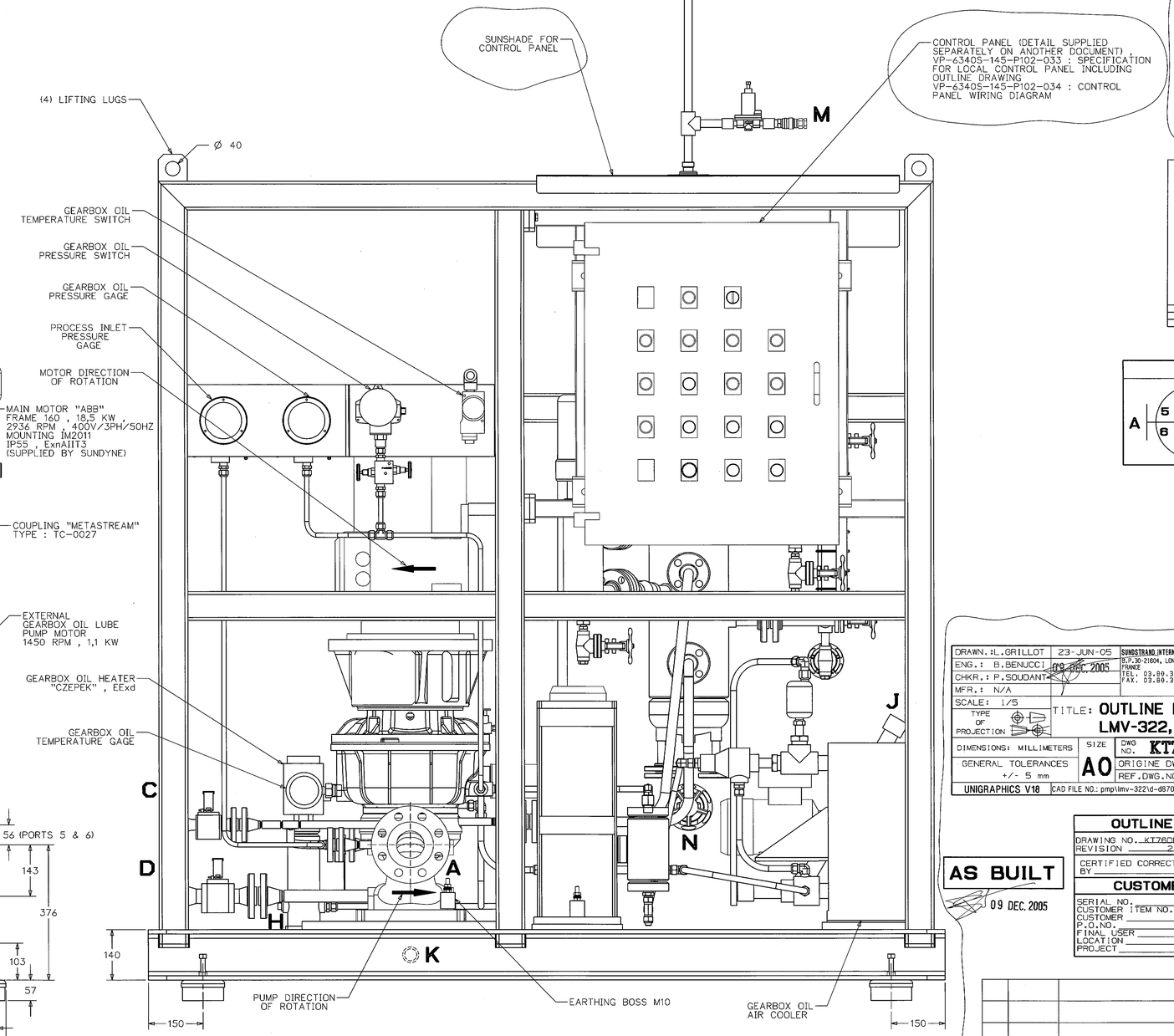
LTR	DEC	REVISIONS	DATE/NAME
		SEE SHEET 2 OF 2.	



VIEW FOLLOWING "F"



WEIGHT TABLE

FLUID END	:	118 KG
GEARBOX	:	50 KG
ADAPTOR	:	18 KG
COUPLING	:	7 KG
EQUIPMENT	:	250 KG
BEDPLATE	:	1234 KG
API-52	:	150 KG
MAIN MOTOR	:	173 KG
TOTAL WEIGHT	:	2000 KG

MAXIMUM ALLOWABLE FORCES & MOMENTS ON FLANGES OF PUMP CASE

TWICE TIME VALUES GIVEN IN TABLE 4 PARAGRAPH 5.5.2

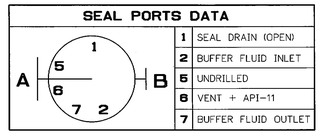
10th EDITION OF API-610 PARAGRAPH 5.5

suction flange coordinate system

FORCE : N
MOMENT : N.M

FLANGE	Fx	Fy	Fz	Mx	My	Mz
SUCTION 3"	2140	2680	1780	1900	940	1440
DISCHARGE 2"	1420	1780	1160	920	460	700

SEAL PORTS DATA



1	SEAL DRAIN (OPEN)
2	BUFFER FLUID INLET
5	UNDRILLED
6	VENT + API-11
7	BUFFER FLUID OUTLET

DRAWN.: L.GRILLOT	23-JUN-05	SUNDSTRAND INTERNATIONAL S.A. B.P.30-21604, LONGVIC Cedex FRANCE TEL. 03.80.38.33.00 FAX. 03.80.38.33.69	Sundyne
ENG.: B.BENUCCI	09 DEC. 2005		
CHKR.: P.SOUDANT			
MFR.: N/A			
SCALE: 1/5	TYPE OF PROJECTION	TITLE: OUTLINE DRAWING FOR LMV-322, S/N. D-D870490-1-A	
DIMENSIONS: MILLIMETERS	SIZE A0	DWG NO. KT76DF29_OUT	SH. 1 OF 2 REV. 2
GENERAL TOLERANCES +/- 5 mm		ORIGINE DWG.NO : mm_kt76df29_os	
		REF.DWG.NO.: /	S/N. D-D870490-1-A
UNIGRAPHICS V18	CAD FILE NO.: pmp\lmv-322\d-d870490-1-a\kt76df29_out_revb.prt		

AS BUILT

09 DEC. 2005

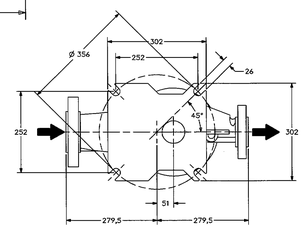
OUTLINE DRAWING INFORMATION

DRAWING NO. KT76DF29_OUT — SHEET 1 OF 2
REVISION 2 — DATE 07-DEC-05
CERTIFIED CORRECT BY — DATE 09 DEC 2005

CUSTOMER APPLICATION DATA

SERIAL NO. D-D870490-1-A
CUSTOMER ITEM NO. 145-P-102
CUSTOMER MAN FERROSTAAL
P.O.NO. 63405 0910 01 0017 K
FINAL USER OIEC - SS / NIOC
LOCATION IRAN - SOUTH PARS GAS FIELD 9 & 10
PROJECT PROPANE MOBILE PUMP PACKAGE

REV.	DATE	DESCRIPTION	ORIG.	PREP.	CHKD.	APPD.	CONT. APPD.
2	07/12/05	MODIFIED ACCORDING TO CUSTOMER COMMENTS	L.G.	L.G.	P.S.	P.S.	
1	13/10/05	MODIFIED ACCORDING TO CUSTOMER COMMENTS	L.G.	L.G.	P.S.	P.S.	



BASEPLATE DETAIL

CONNECTIONS TABLE

LTR	DESCRIPTION	TYPE/SIZE
A	PUMP SUCTION	FLANGE 3"-600#RF
B	PUMP DISCHARGE	FLANGE 2"-600#RF
C	SEAL VENT & API-11 (PORT 6)	BLIND FLANGE 1/2"-600#RF
D	PUMP CASE DRAIN	BLIND FLANGE 1"-600#RF
E	BUFFER FLUID INLET (PORT 2)	FLANGE 3/4"-600#RF
F	BUFFER FLUID OUTLET (PORT 7)	FLANGE 3/4"-600#RF
G	SEAL DRAIN (PORT 1)	1/2" NPT FEMALE (OPEN)
H	GEARBOX OIL DRAIN	PIPE PLUG , SQ. HEAD , 3/4" NPT
J	GEARBOX OIL FILLING	1" NPT MALE (PLUGGED)
K	BEDPLATE DRAIN	1" NPT FEMALE
L	VENT TO FLARE (API-52)	FLANGE 1/2"-600#RF
M	VENT CONNECTION IN2 CONNECTION,FOR CUSTOMER)	QUICK CONNECTION "SWAGELOCK" SS-QC8-D-8PM/SS-QC8-SP
N	DRAIN (API-52)	GATE VALVE 3/4"NPT FEMALE WITH PLUG
P	FILLING (API-52)	QUICK CONNECTION "SWAGELOCK" SS-QC8-D-8PM/SS-QC8-SP

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:

Sundyne | GS E&C | OIEC | IOEC

TITLE:

OUTLINE DRAWING
(145-P-102)

DRAWING No.	VP-6340S-145-P102-001	SHEET No. 1 OF 2	REV. 2