

G F
 L
 API PLAN 52
 DESIGN PRESSURE : 60 bar G
 DESIGN TEMPERATURE : -20/+90°C
 CAPACITY : 28 liters
 (SUPPLIED BY "PROTEC" - SEE
 DRAWING N° : VP-6340S-114-P101-013)

LEVEL GAUGE

197

574

GEARBOX OIL TEMPERATURE GAUGE
 56 (PORTS 5 & 6)

213

160 205 123

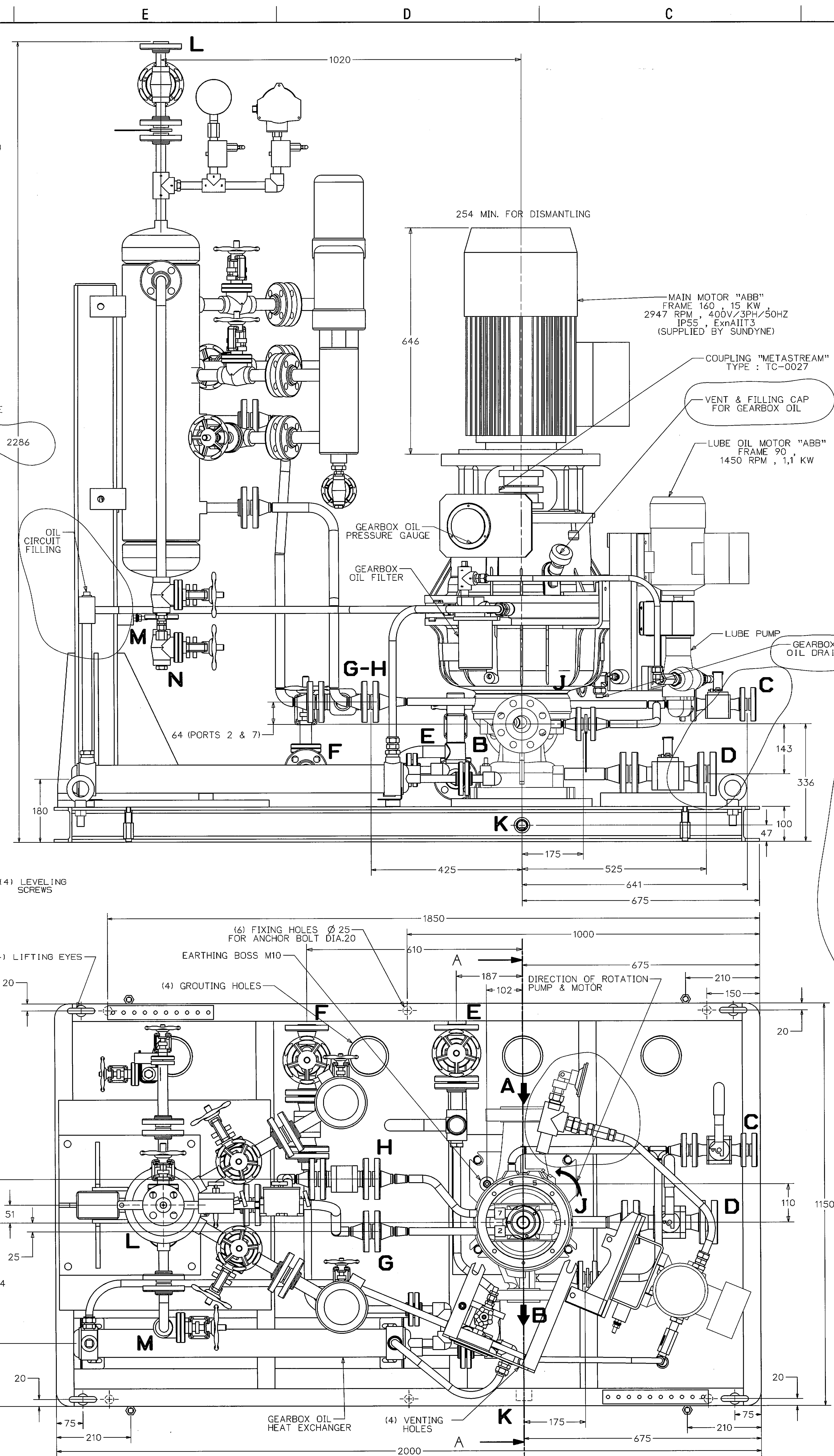
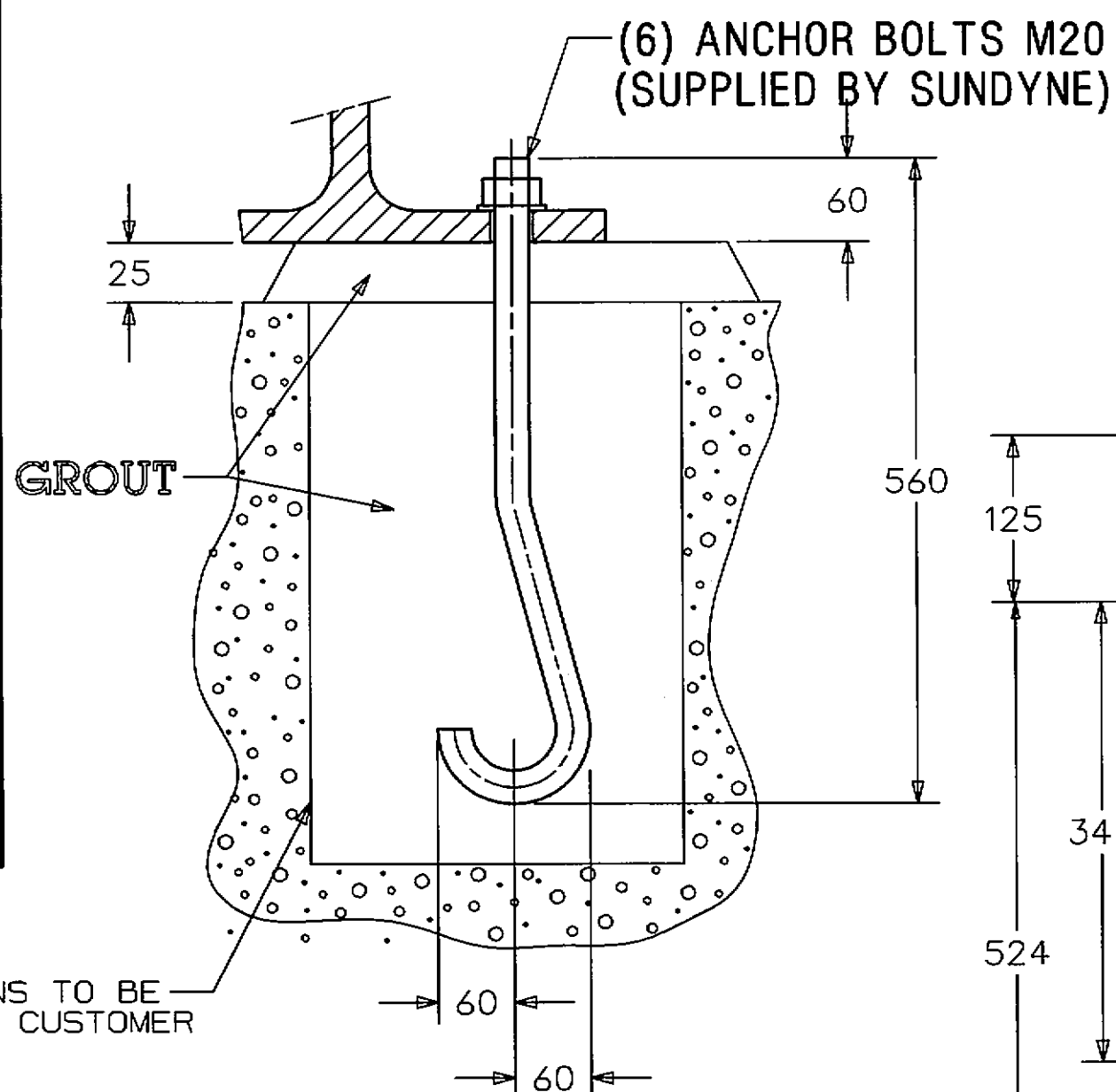
524 344 229 159 206 330 566 626 1174

14

A B C D E F J
 G PUMP
 H BASEPLATE
 I

SEAL PORTS DATA

1	SEAL DRAIN OPEN
2	BUFFER INLET
5	SEAL FLUSH
6	VENT & API-11
7	BUFFER OUTLET



MAXIMUM ALLOWABLE FORCES & MOMENTS ON FLANGES OF PUMP CASE

Z

Diagram illustrating the forces and moments acting on the flange of a pump case. The coordinate system (X, Y, Z) is shown. The forces F_x , F_y , and F_z are applied to the flange. The moments M_x , M_y , and M_z are also shown. The diagram includes a cross-section of the pump case flange and a view of the flange face.

TWICE TIME VALUES GIVEN IN 5.5.2 PARAGRAPH 5.5.2

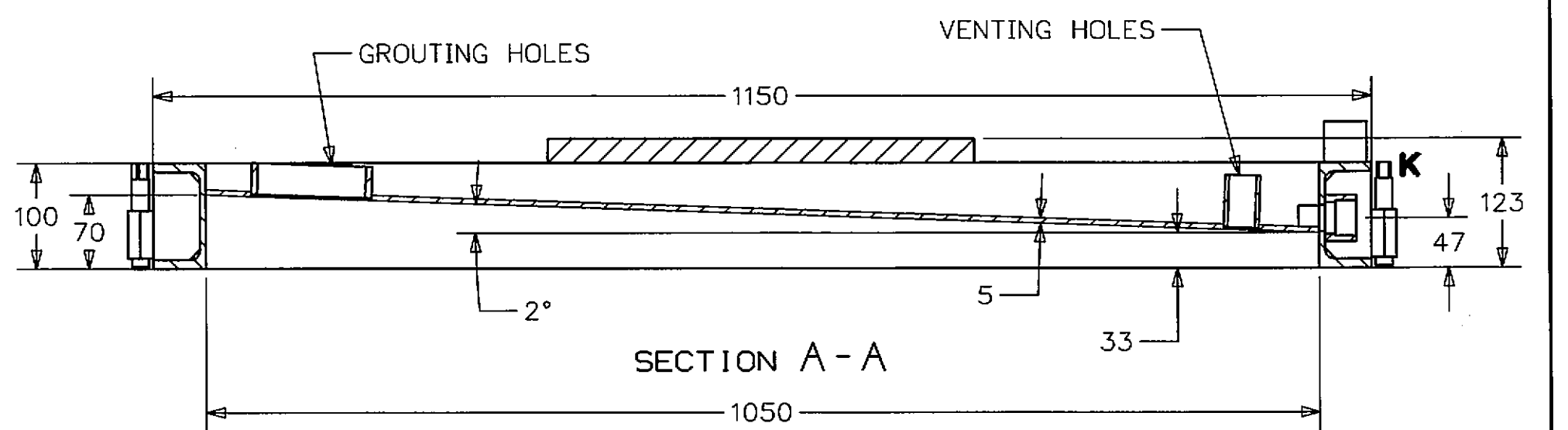
10th EDITION OF API-610 PARAGRAPH 5.5


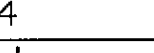
section flange coordinate system

FLANGE	F_x	F_y	F_z	M_x	M_y	M_z
SUCK LINE "3"	2,500	2,500	1,900	940	1,440	1,440
DISCHARGE "2"	440	440	1,180	360	480	720

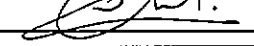
FORCE & MOMENT = N·M

WEIGHT TABLE		
FLUID END	:	118 KG
GEARBOX	:	122 KG
ADAPTOR	:	35 KG
COUPLING	:	7 KG
EQUIPMENT	:	45 KG
BEDPLATE	:	265 KG
API-S2	:	150 KG
MOTOR	:	167 KG
TOTAL WEIGHT :		909 KG








DRAWN: L. GRILLOT		10 - JUN - 05		SUNDYNE INTERNATIONAL S.A. B.P. 301804, LONGVIC Cedex FRANCE			
ENG.: B. BENUCCI		04 DEC 2005		TEL.: 03.80.39.33.00 FAX.: 03.80.39.33.69			
CHKR.: P. SOUDANT							
MFR.: N/A							
SCALE: 1/4							
TYPE OF PROJECTION 		TITLE: OUTLINE DRAWING FOR LMV-312, S/N. D-D870483 & 484-1-A/B					
DIMENSIONS: MILLIMETERS		SIZE		DWG. NO. KT76DF24_OUT		SH. 1 OF 1 REV. 2	
GENERAL TOLERANCES		A0		ORIGINE DWG. NO.: mm-Kt76df24.as			
+/- 5 mm				REF. DWG. NO.:		S/N. D-D870483 & 484-1-A/B	
UNIGRAPHICS V18		CAD FILE NO.: pmp1mv-312/a-b/kt76df24.1-a_b/kt76df24_out_revb.rpt					

AS BUILT

OUTLINE DRAWING INFORMATION	
DRAWINGS NO. KT78ZDF24-OUT	SHEET _____ OF _____
REVISION _____	DATE 13-OCT-05
CERTIFIED CORRECT BY 	DATE 09 DEC 2006
CUSTOMER APPLICATION DATA	
SERIAL NO. _____	D-D870483 & 484-1 A/B
CUSTOMER ITEM NO. _____	114-P10172021 A/B
CUSTOMER FERTILIZER A/L _____	_____
P.O. NO. _____	PO-83405-0910-01-00170/E
LOCAL USER _____	OTEC - CO. of ALIC
FINAL USER _____	IRAN SOUTH PARS GAS FIELD 9 & 10
PROJECT _____	PROPANE REGENERATION PUMP

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.		
REV.	DATE	DESCRIPTION	ORIG.	PREP.	CHKD.	APPD.	CONT.	APPO.

SOUTH PARS GAS FIELD DEVELOPMENT PHASES 9 & 10, ASSALUYEH-IRAN ONSHORE FACILITIES		 N . O . C PARS OIL AND GAS COMPANY	
PROJECT No. : POGC-780-BI-156	DOC. CLASS.	SCALE:	
	 GS E&C	 OIEC	 T O E C
TITLE: OUTLINE DRAWING (114-P101/201 A/B)			
DRAWING No.	VP-6340S-114-P101/P201-001	SHEET No. 1 OF 1	REV. 2