

CLIENT

SUPPLIER



PETROTEL-LUKOIL S.A.

PETROTEL – LUKOIL, SA



FPX SOLUTIONS B.V.

PROJECT

BOILER FEED WATER PUMPS

Revision History

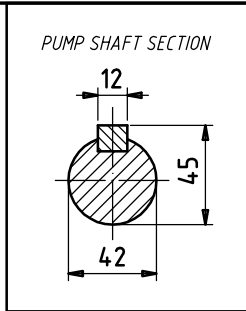
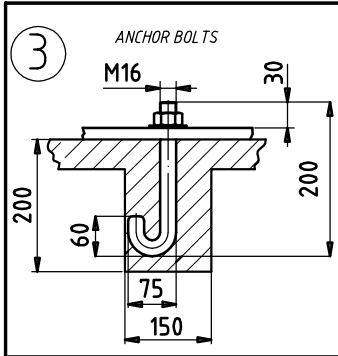
A	15.07.2022	FOR APPROVAL	AKG	NDD	VSD
REV.	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED

DOCUMENT TITLE/SUBJECT:

GA DRAWING FOR 303- P4 A/B

PROJECT DOCUMENT NO: 30946

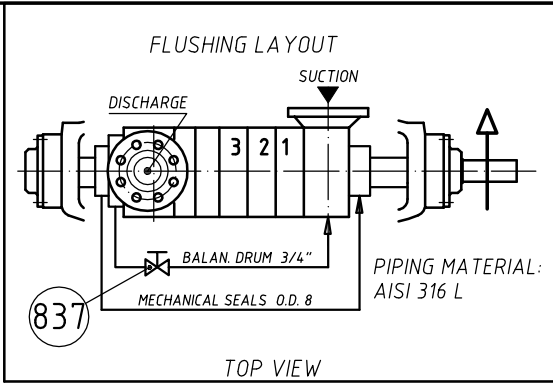
	Detailed Information	Size	A-4
		Lang.	Eng.
		Total No. of Sheet	1
		Rev. No:	A



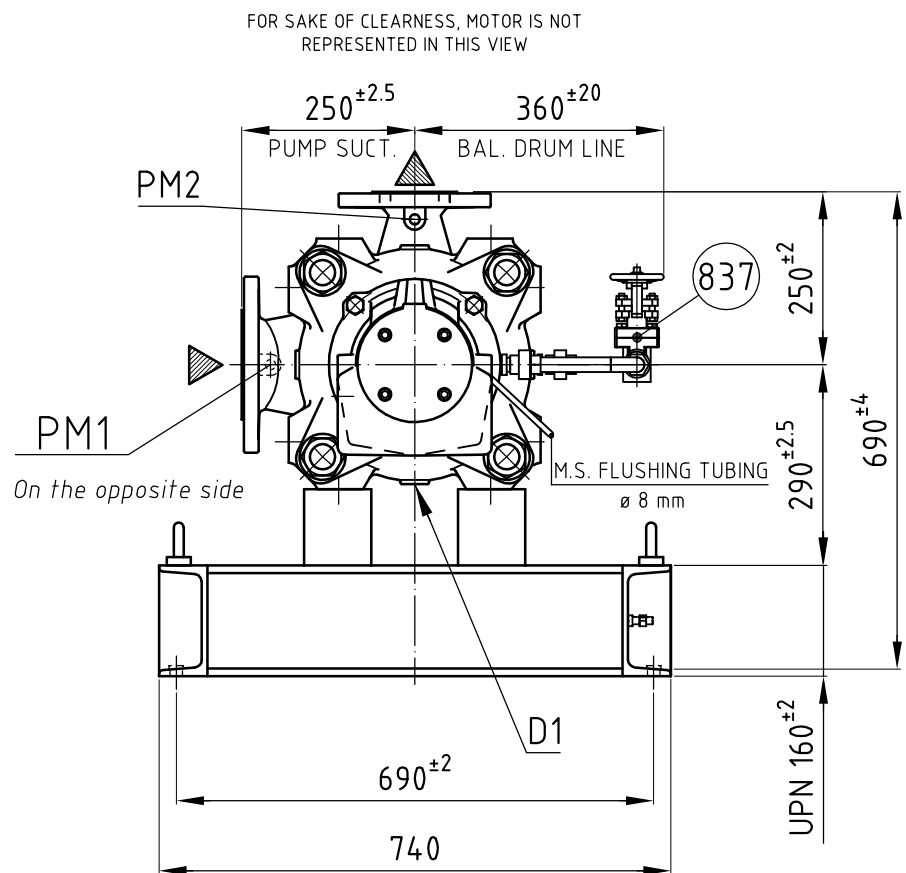
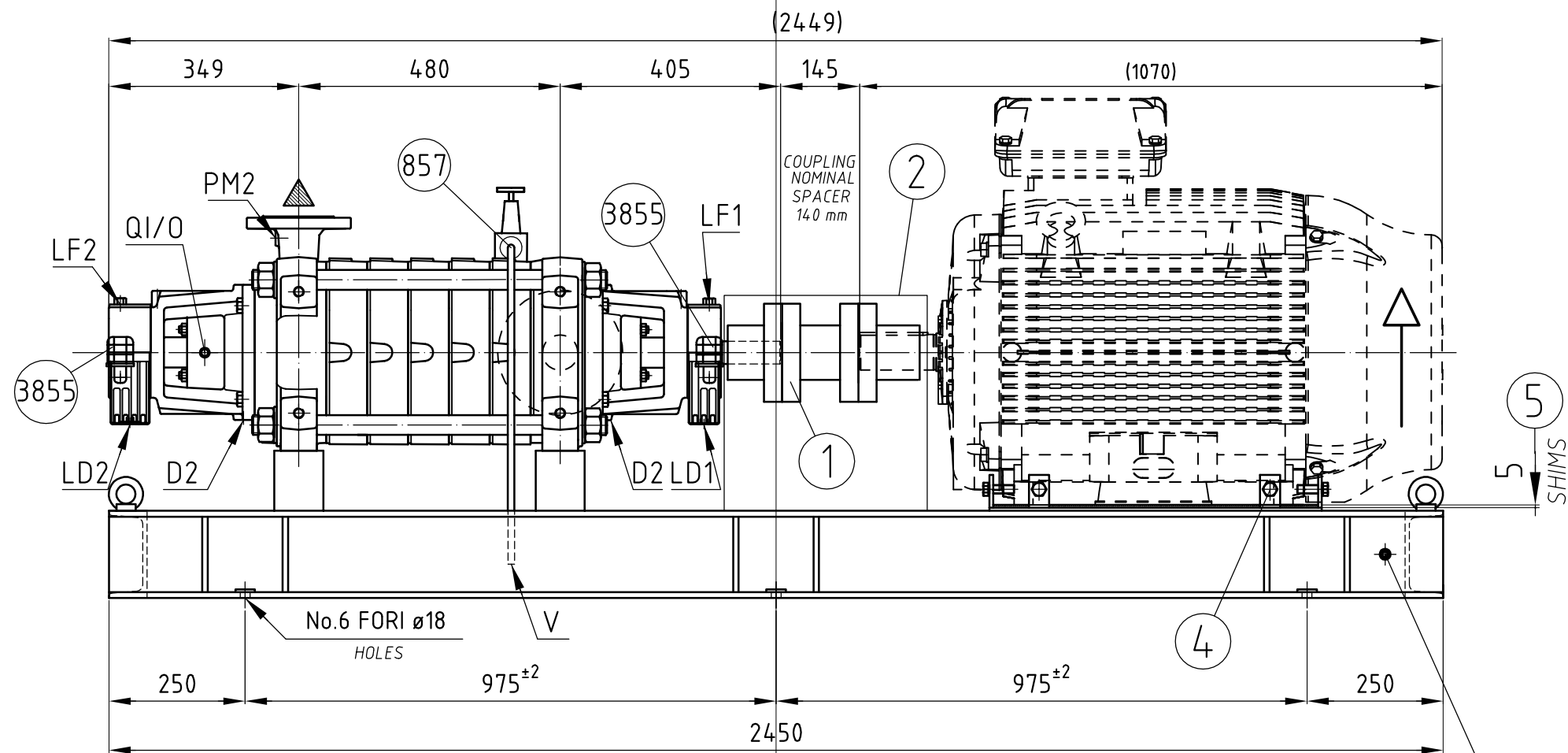
NOTE:

1. PUMPED LIQUID TEMPERATURE: 110°C
2. PUMP ATEX II 2G Ex d h IIB T2 Gb
3. PUMP BEARING BRACKETS PROVIDED WITH LABYRINTH SEALS

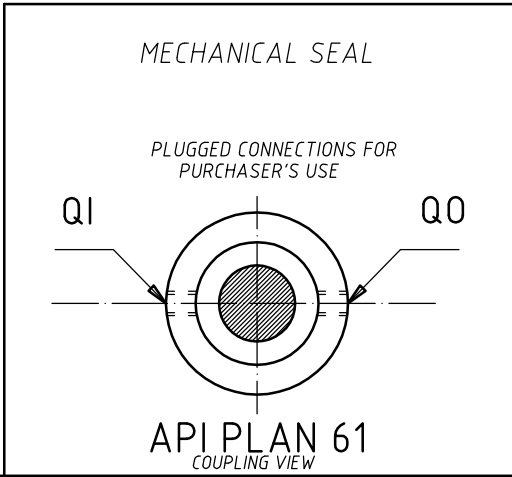
ACCESSORIES LIST			
POS.	DESCRIPTION	MATERIALS-NOTES	Q.TY EACH PUMP
1	FLEX. COUPLING TYPE RSP 0070 GG ATEX - DBSE=140	DIAPHRAGMS: AISI 304 HUBS: CARB. STEEL C45	1
2	NOT-SPARKING COUPLING GUARD	BRASS	1
3	M16 ANCHOR BOLTS	GALVANIZED CARBON STEEL	6
4	MOTOR ALIGNEMENT SCREWS	M12 - STAINLESS STEEL	8
5	MOTOR ALIGNEMENT SHIMS	AISI 304 - 5 mm	4 SETS
837	GATE VALVE NPT 3/4"	AISI 316	1
857	90° I/O VALVE G 1/2" M/F	AISI 316	1
3855	CONSTANT LEVEL OILER	GLASS + STEEL	2



CUSTOMER		PETROTEL- LUKOIL SA		PUMP TYPE	
PLANT/HULL				FMS 65/6 M	
JOB		-		QUANTITY	
ORDER		160		CAPACITY m³/h	
ITEM		1		HEAD m	
SUCTION FLANGE		DISCHARGE FLANGE		EL. MOTOR	
DN 100		DN 65		TYPE 280-2p	
SERIES EN 1092-1 PN16 RF		SERIES EN 1092-1 PN100 RF		POWER kW	
EXTERNAL DIAM. 254		EXTERNAL DIAM. 220		V/ph/Hz/IP	
HOLES CENTER DIAM. 180		HOLES CENTER DIAM. 145		R.P.M.	
No HOLES/DIAM. 8/18		No HOLES/DIAM. 8/18		PUMP WEIGHT kg	
Q.ty 2 MECHANICAL SEALS		BURGMANN ø 55 mm LB500		BASE...WEIGHT kg	
		API PLAN 61		MOTOR WEIGHT kg	
				TOTAL WEIGHT kg	



CONNECTIONS LIST			
POS.	SERVICE	SIZE	NOTES
PM1	VACUUM GAUGE	G 3/8"	PLUGGED
PM2	PRESSURE GAUGE	G 3/8"	PLUGGED
D1	PUMP CASING DRAIN	G 1/2"	PLUGGED
D2	BEARINGS SUPPORT DRAIN	2x G 3/8"	-
V	PUMP VENT	G 1/2"	VALVED AND PIPED
LF	OIL FILLING	2x G 1/2"	PLUGGED
LD	OIL DRAIN	2x G 1/2"	PLUGGED
QI	MECH. SEAL QUENCH (ATM. SIDE, FOR FUTURE USE)	2x G 1/4"	PLUGGED
QO	MECH. SEAL DRAIN (ATM. SIDE, FOR FUTURE USE)	2x G 1/4"	PLUGGED



WEIGHT TOLERANCE ±15%	
Nominal measure	Tolerances
Over	Max
0.5	6 ± 0.3
6	30 ± 0.5
30	120 ± 0.8
120	400 ± 1.2
400	1000 ± 2
1000	2000 ± 3

FPX	DELETE FROM No	PREPARED	CHECKED	APPROVED
	SUBSTITUTES No	DS	DS	FM
	PUMP SIZE	2270394-1		
		JOB		
			DATE	6/07/2022
GENERAL ARRANGEMENT E/PUMP			SCALE	1:11
SERVICE			No DWG.	
BOILER FEED PUMP			30946	