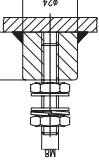


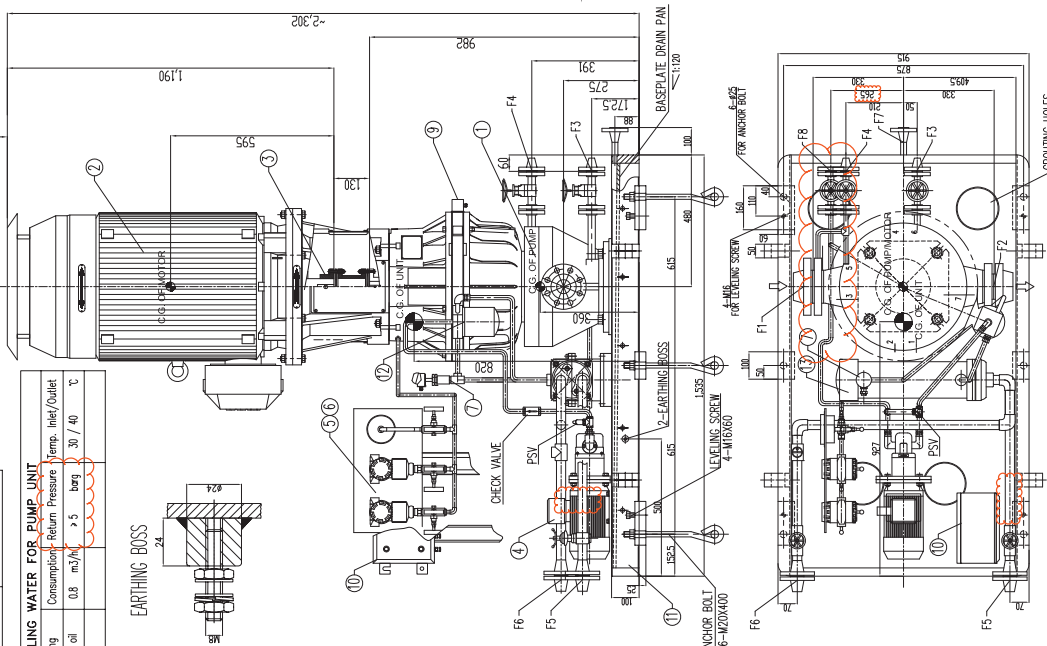
COOLING WATER SUPPLIED	
Item	126-P-101 A/B
Pressure (bar)	10.94

COOLING WATER FOR PUMP UNIT			
Cooling	Consumption	Return Pressure	Temp. Inlet/Outlet
Lube oil	0.8 m ³ /h	> 5 barg	30 / 40 °C

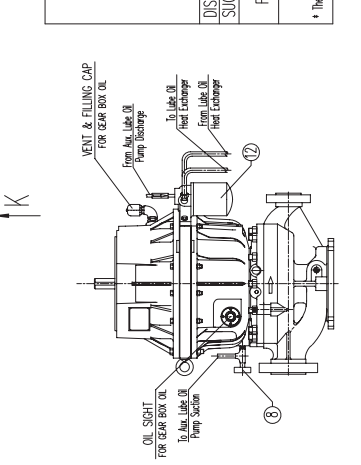
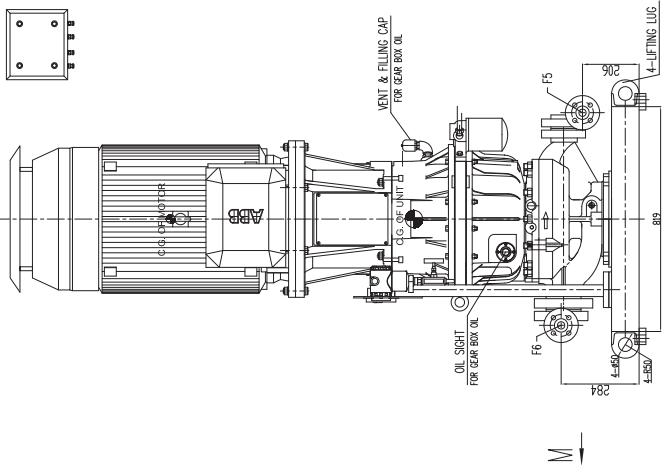
EARTHING BOSS



Space for Maintenance and Dismantling



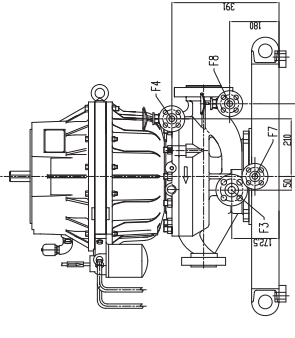
F VIEW
JUNCTION BOX



Code	Size & Rating	Description	Remark
F1	3"-ANSI 600lb-RF	Suction	
F2	2"-ANSI 600lb-RF	Discharge	
F3	3/4"-ANSI 600lb-RF	Coasting Drain	Flange with valve
F4	3/4"-ANSI 600lb-RF	Coasting Vent	Flange with valve
F5	1"-ANSI 150lb-RF	Cooling Water Inlet	Flange with valve
F6	1"-ANSI 150lb-RF	Cooling Water Outlet	Flange with valve
F7	1/2"-ANSI 150lb-RF	Skid Drain	
F8	1/2"-ANSI 150lb-RF	Oil Sump Drain	Blind flange with valve

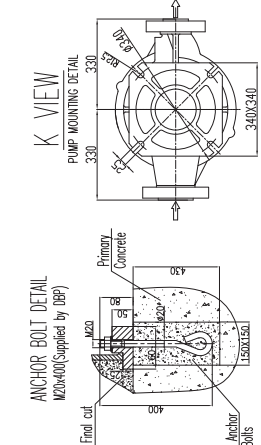
Maximum Allowable Amplitude for Foundation:	
Velocity (PEAK)	4 mm/s
Displacement	2.8 mm
WEIGHT OF HIGH SPEED ROTOR	6.5 KG
SPEED OF HIGH SPEED ROTOR	1384.5 RPM
WEIGHT OF MOTOR ROTOR	1.32 KG
SPEED OF MOTOR ROTOR	2976 RPM

M VIEW

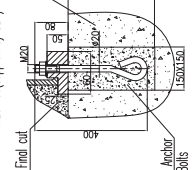


Nozzle Allowable Force & Moment	
DISCHARGE 2"	±1470 ±1780 ±1160 ±920 ±460 ±700
SUCTION 3"	±2140 ±2660 ±1780 ±1900 ±940 ±1440
FLANGE	Force (N) Moment (Nm)
Fx	Fy Fz Mx My Mz

* The values in above table are twice time as given in the Table 4 of API 610, 10th edition.



ANCHOR BOLT DETAIL
M20x400(Supplied by DBP)



SEAL HOUSING PORT IDENTIFICATION	
1	Seal Drain Single Seal
2	Seal Drain Single Seal
3	Seal Drain Single Seal
4	Seal Drain Single Seal
5	Seal Drain Single Seal
6	Seal Drain Single Seal
7	Seal Drain Single Seal

WEIGHT TABLE	
FLUID END	720 KG
GEAR BOX	120 KG
MOTOR SUPPORT	60 KG
MOTOR	665 KG
SEAL SYSTEM	NA KG
COMMON BASEPLATE	400 KG
AUX. LUBE OIL PUMP	80 KG
OTHERS	80 KG
TOTAL WEIGHT	1625 KG

GENERAL NOTES

PUMP INFORMATION	
Item No.:	126-P-102 A/B
Unit:	126
Service:	DESALINATED WATER PUMP TO U103
Model:	EGS-11-22/467
Seal Plan:	13+61
Motor:	90KW - 2P

- The location of Junction Box 'A' will be finalized after pipe line work finished.
- The main electric motor is CW viewing from the coupling end.
- Cables and Cable Connections:

Cable Glands	
Cable Gland Thread	Cable Cores (mm ²)
Main Motor	2 x M63
Main Motor Speed Heater	M20
Aux. Motor (Lube Oil)	1 x M25
Aux. Motor (Oil Cooler)	NA

REFERENCE DRAWINGS	
MOTOR OUTLINE DRAWING	VP-S92021-ON-MA-126-P102-0193
COUPLING DRAWING	VP-S92021-ON-MA-126-P102-0072
JUNCTION BOX DRAWING	VP-S92021-ON-MA-126-P102-0211
PUMP P&ID DRAWING	VP-S92021-ON-MA-126-P102-0045

Code1	(Approved) Vendor to submit "For Final" (No comment & release for manufacturing)
Code2	(Approved with comments) Vendor shall correct / revise & submit it as "For Final" (Released for manufacturing if change incorporated as indicated)
Code3	(Commented) Vendor shall correct / revise & resubmit it as "For Approval" of the date specified : (1) Corrected documents to be
Code4	Not Acceptable quality (Reject)

DATE : 13.07.2013
DEPT: Machinery
Signature : M.S

Only for Internal review	
CV	PI EL IN ME MA
ST	BU PR SA HW TL

REV.	DATE	DESCRIPTION	ORIG. PREP.	CHD.	APP'D.
4	1. Jul. 2013	FOR APPROVAL	DBP	Tino	Ryon
3	31. May. 2012	FOR APPROVAL	DBP	Tino	Ryon

SOUTH PARS GAS FIELD DEVELOPMENT-
PHASES 20 & 21, ASSALUYEH-IRAN
ONSHORE FACILITIES

PROJECT No.:	POGC-572-88-35	DOC CLASS:	SCALE :
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126-P-102 A/B
DESALINATED WATER PUMP TO U103
GENERAL ARRANGEMENT DRAWING

DRAWING No.:	VP-S92021-ON-MA-126-P102-0055	SHEET No.:	1 OF 1	REV. 4
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