


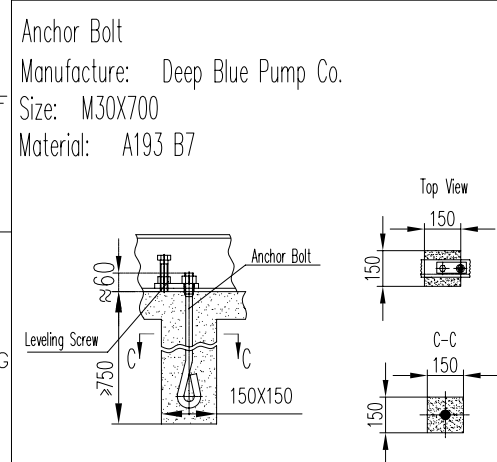
PROCESS CONNECTIONS			
Code	Size & Rating	Description	Remark
N1	10"-ANSI 600Lb-RF	Pump Suction	
N2	8"-ANSI 600Lb-RF	Pump Discharge	
N3	3/4"-ANSI 600Lb-RF	Pump Drain	Flange With val
N4	1"-ANSI 150lb-RF	Baseplate Drain	With blind flang
N5	3/4"-ANSI 300Lb-RF	Seal System Vent to flare	Flange With val
N6	3/4"-ANSI 600Lb-RF	Pump Vent	Flange With val

Pipeline Instruction	
①	Pipe for barrier fluid from seal
②	Pipe for barrier fluid to seal
③	Pump Drain

Note:
1. Plan 52 seal system vent to be connected to LP flare with back pressure of 0.3 barg.

REFERENCE DOCUMENTS	
DOCUMENT NO.	TITLE
VD-AOGC-DR-GEN-5001-0043	Mechanical seal system drawing for OIL DELIVERY PUMPS

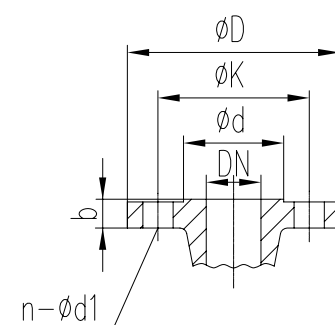
Code1	<input type="checkbox"/> (Approved) Vendor to submit "For Final (No comment & release for manufacturing)				
Code2	<input type="checkbox"/> (Approved with comments) Vendor shall correct / revise & submit it as "For Final" (Released for manufacturing if change incorporated as indicated)				
Code3	<input type="checkbox"/> (Commented) : Vendor shall correct / revise & resubmit . It as " For Approval" of the date specified : (Corrected documents to be				
Code4	<input type="checkbox"/> Not Acceptable quality (Reject)				
The above checking result by EIED shall in no way relieve Vendor of any liability, obligation and responsibility out of the purchase order and the mutual agreement in writing					
<div><div><div><p>EIED WEST KAROON PROJECT</p></div><div>DATE : DEPT: Signature :</div></div></div>					
Only for internal review					
CV	PI	EL	IN	ME	MA
CS	CA	PR	SA	HV	TL



Rotary Parts:

Pump rotary parts:
Mass: 170 kg, Speed: 2950 rpm

Motor rotary parts:
Mass: 814 kg, Speed: 2950 rpm







1800	2600	4000	180	8580	1800
Pump	Baseplate	Motor	System	All	Maintenance weight

Weight(kg)									
Drain N4	ANSI B16.5	600lb	RF	3/4"	117.3	15.7	82.5	42.9	4-ø18
Discharge N2	ANSI B16.5	600lb	RF	8"	419.1	55.6	349.2	270	12-ø32
Suction N1	ANSI B16.5	600lb	RF	10"	508	63.5	431.8	323.8	16-ø35
Name	Standard			DN	øD	b	øK	ød	n-øc

[illegible]

Consumer: NIOC	Capa.: 412 m ³ /h	DRIVER
Designer:	Head: 387 m	Motor Type: EXD IIB T4
Project: WEST KAROON OIL FIELDS EARLY PRODUCTION UNIT Arvandan Refinery Plant	Temp.: 15/55/85 °C	VOLTS/PHASE/HERTZ: <u>6000V/3PH/50HZ</u>
Plant:	Speed: 2980 r/min	MECH.SEAL
Item No.: 0220-PA-001A-D	Power: 630 kW	
Service: OIL DELIVERY PUMPS	Motor Type: YB2 450	API flushing plan:
Project Information	Base Information	<u>11+52(Air cooler)+61</u>

04	15-Jan-2013	For Approval		Will	Andy	Ryan	
03	29-Dec-2012	FOR APPROVAL		Will	Andy	Ryan	
02	06-Nov-2012	FOR APPROVAL		Will	Andy	Ryan	
01	11-Oct-2012	FOR APPROVAL		Will	Andy	Ryan	
REV.	DATE	DESCRIPTION	ORIG. BY	PREP. BY	CHKD. BY	APPD. BY	AUTH. BY

<p>West Karoon Oil Fields Early Production Units (Arvandan)</p>		 <p>AOGC ARVANDAN OIL AND GAS COMPANY</p>
P.O. No.:	STAGE:	SCALE:
 <p>DEEP BLUE PUMP CO.</p>	 <p>شرکت مهندسی و پمپاژ میسان MAYSUN Engineering & Construction Company</p>	 <p>Energy Development Pioneer Co. شرکت پیشرو توسعه انرژی EIED</p>

DRAWING TITLE:			
General drawing for OIL DELIVERY PUMPS (0220-PA-001A-D)			
DRAWING No.:	VD-AOGC-GA-GEN-5001-0001	SHEET No.	1 OF 1
		REV.	04