


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

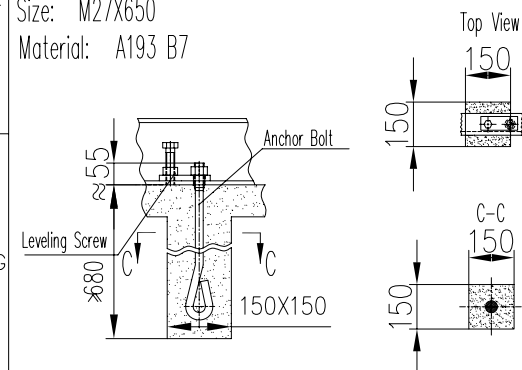
Pipeline Instruction	
①	Pipe for barrier fluid from seal
②	Pipe for barrier fluid to seal
③	Pump Drain
④	Pipe for liquid to heat exchanger
⑤	Pipe for liquid to seal

Note:
1. Pump is self-vent.
2. 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-5001-0045	Mechanical seal system drawing for REBOILER CIRCULATION PUMPS

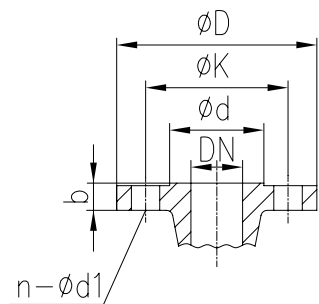
Code1	<input type="checkbox"/> (Approved) Vendor to submit "For Final (No comment & release for manufacturing)				
Code2	<input type="checkbox"/> (Approved with comments) Vendor shall correct / revise & submit it as "For Final" (Released for manufacturing if change incorporated as indicated)				
Code3	<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> EIED WEST KAROON PROJECT</div><div>DATE : DEPT: Signature :</div></div>					
Only for internal review					
CV	PI	EL	IN	ME	MA
CS	CA	PR	SA	HV	TL

Anchor Bolt
Manufacture: Deep Blue Pump Co.
Size: M27X650
Material: A193 B7



Rotary Parts:
Pump rotary parts:
Mass: 168 kg, Speed: 1450 rpm
Motor rotary parts:
Mass: 630 kg, Speed: 1450 rpm

Maximum Allowable Amplitude For Foundation:
Velocity Peak-Peak: 4 mm/s
Displacement Peak-Peak: 50.8 μm








1167	1500	3410	135	6212	687
Pump	Baseplate	Motor	Seal System	All	Maintenance weight

Weight(kg)						
Drain	ANSI B16.5 300lb RF	3/4"	117.3	15.7	82.5	42.9
Discharge	ANSI B16.5 300lb RF	10"	444.5	47.7	387.3	323.8
Suction	ANSI B16.5 300lb RF	10"	444.5	47.7	387.3	323.8
Name	Standard	DN	ØD	b	ØK	Ød
						n-Ød1

Flange Size		
Consumer: NIOC	Capa.: 560 m ³ /h	DRIVER
Designer:	Head: 100 m	Motor Type: EXD IIB T4
Project: WEST KAROON OIL FIELDS EARLY PRODUCTION UNIT Arvandan Refinery Plant	Temp.: 10/141 °C	VOLTS/PHASE/HERTZ: 6000V/3PH/50HZ
Plant:	Speed: 1486 r/min	MECH.SEAL
Item No.: 0210-PA-001/2/3 A/B (Train 1/2/3)	Power: 280 kW	API flushing plan: 21+52+61(Air fin cooler)
Service: REBOILER CIRCULATION PUMPS	Motor Type: YB2 355	
Project Information		Base Information

	APIFLO-P 250K6-630	General Arrangement
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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

West Karoon Oil Fields Early Production Units (Arvandan)			 AOGC ARVANDAN OIL AND GAS COMPANY		
P.O. No.:	STAGE:	SCALE:			
					

DRAWING TITLE: General drawing for REBOILER CIRCULATION PUMPS (0210-PA-001/2/3 A/B(Train 1/2/3))					
DRAWING No.:	VD-AOGC-GA-GEN-5001-0003	SHEET No.	1 OF 1	REV.	03