

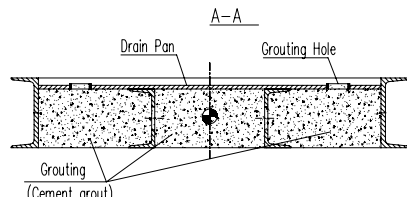
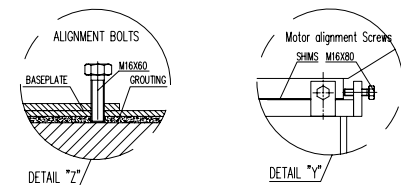
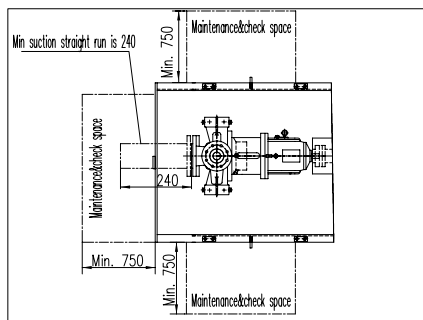
PROCESS CONNECTIONS			
Code	Description	Size & Rating	Remark
N1	Pump Suction Flange	3", ASME B16.5 300LB RF	
N2	Pump Discharge Flange	1 1/2", ASME B16.5 300LB RF	
N3	Pump Drain Flange	3/4", ASME B16.5 300LB RF	Flange with ball valve
N4	Baseplate Drain	NPT 2"	
N5	Cooling Water Inlet Flange	1", ASME B16.5 150LB RF	Flange with ball valve
N6	Cooling Water Outlet Flange	1", ASME B16.5 150LB RF	Flange with ball valve
N7	Plan52 Vent	1/2", ASME B16.5 600LB RF	Flange with gate valve
N8	Plan52 Filling	1/2" Quick Fittings	
N9	Plan52 Drain	1/2", ASME B16.5 600LB RF	Flange with gate valve


Pipeline Description	
①	Pump Drain
②	Main cooling water inlet
③	Main cooling water outlet
④	Plan11 Flushing pipeline
⑤	Plan52 Flushing pipeline (to seal chamber)
⑥	Plan52 Flushing pipeline (from seal chamber)

PUMP INFORMATION	
Item No:	05-340-P-1A/B
Service:	DRAINAGE PUMPS
Model:	EAP 40K2-315-9
Seal Plan:	11-52
Motor:	15KW-2945RPM

REFERENCE DRAWING	DWG NO.
Seal System Drawing	BU-05-VD-303-MA-DRW-3401-052
Motor outline Drawing	BU-05-VD-303-EL-DRW-3401-084
Coupling Drawing	BU-05-VD-303-MA-DRW-3401-028
Pump data sheet	BU-05-VD-303-MA-DSH-3401-004

Note:
1. The pump is self vent.
2. Rotation: Clockwise viewed from drive-end.
3. Vibration Level complies to API610 requirement, table 8 and table 9.



Code1	<input type="checkbox"/> (Approved) No comment and the document is released for Manufacturing
Code2	<input type="checkbox"/> (Approved with comments) Vendor shall correct, revise and resubmit the document The document is released for manufacturing
Code3	<input type="checkbox"/> (Commented) : Vendor shall correct / revise & resubmit document
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	
 EIED BUSHEHR PROJECT	DATE : DEPT: Signature :

03	26/08/15	FOR APPROVAL	Will	Andy	Tino	AAP
02	20/07/15	FOR APPROVAL	Will	Andy	Tino	AAP
01	12/06/15	FOR APPROVAL	Will	Andy	Tino	AAP
00	15/02/15	FOR APPROVAL	Will	Andy	Tino	AAP
REV.	DATE	PURPOSE OF ISSUE	PREP. BY	CHKD. BY	APPD. BY	AUTH. BY

Gas Sweetening, Sulphur Recovery, C2 Recovery,
Fractionation and Inter Connection Pipeline
Between Plants Project




P.O No.: A315.753AME SCALE:

DEEP BLUE PUMP Energy Industries Engineering & Design Co.

DRAWING TITLE:
Pump Outline Drawing for DRAINAGE PUMPS
05-340-P-1A/B

DRAWING No.: BU-05-VD-303-MA-DRW-3401-004 SHEET No. 1 OF 1

Remark:
1. Moment of inertia: 0.28 kg.m²

	$D \leq 200$	X	≤ 0.05
		Y	≤ 0.05
		Z	± 0.1
	$200 < D \leq 300$	X	≤ 0.08
		Y	≤ 0.08
		Z	± 0.15
	$300 < D \leq 400$	X	≤ 0.10
		Y	≤ 0.10
		Z	± 0.2

