

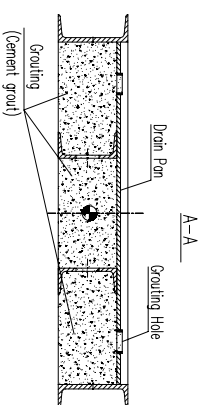
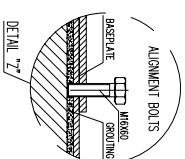
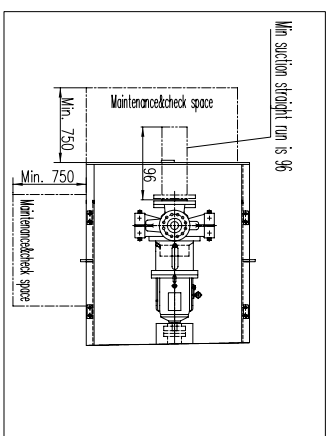
PROCESS CONNECTIONS			
Code	Description	Size & Rating	Remark
M1	Pump Suction Flange	1 1/4", ASME B16.5 150LB RF	
N2	Pump Discharge Flange	3/4", ASME B16.5 150LB RF	
N3	Pump Over Flange	3/4", ASME B16.5 150LB RF	Flange with bolt with
N4	Pump Vent Flange	3/4", ASME B16.5 150LB RF	Flange with bolt with
N5	Baseplate Flange	1 1/2"	
N6	Adaptor	1 1/2", ASME B16.5 150LB RF	
Pipeline Description			
①	Pump Drain		
②	Plant1 Flushing pipeline		
③	Pump Vent		

PUMP INFORMATION	
Item No:	01-460-P-2A/B
Service:	BLOW DOWN PUMP
Model:	FSH 32-20-200-L
Seed Plan:	11+61
Motor:	4KW-2880RPM


REFERENCE DRAWING	DWG. NO.
Motor outline Drawing	B1-01-V0-307-FL-DPM-4603-181
Coupling Drawing	B1-01-V0-307-MA-DPM-4603-178
Pump data sheet	B1-01-V0-307-MA-DS-4603-079

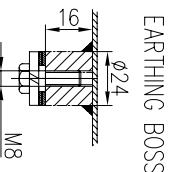
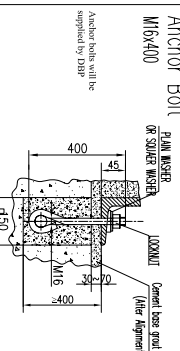
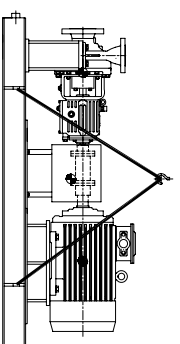
Note:

1. The pump vent is flange with valve.
2. Rotation: Clockwise viewed from drive-end.
3. Vibration level complies to API610 requirement, table 8 and table 9.



Static loading calculation results		Dynamic loading calculation results	
FXStatic=±	3200	FXdynamic=±	0
FYStatic=±	2580	FYdynamic=±	12
FZStatic=±	-283/6163	FZdynamic=±	12
MXStatic=±	3155	MXdynamic=±	17/-9
MYStatic=±	3762/3119	MYdynamic=±	4
MZStatic=±	2607	MZdynamic=±	4

	D≥200	X	≤0,05
		Y	≤0,05
200 < D ≤ 300	Z	≥+0,1	
	X	≤0,08	
300 < D ≤ 400	Y	≤0,08	
	Z	≥+0,15	
500 < D ≤ 630	X	≤0,10	
	Y	≤0,10	
630 < D ≤ 800	Z	≥+0,2	
	X	≤0,12	

[illegible]

WEIGHT TABLE	
PUMP	53.5 KG
MOTOR	54 KG
SEAL SYSTEM	0 KG
BASEPLATE	205 KG
OTHERS	20 KG
TOTAL WEIGHT	332.5 KG
ROTOR WEIGHT	7.8 KG
MAX. MAINTENANCE WEIGHT	41 KG

Code1	<input type="checkbox"/>	(A) Code 1 2016.10.25	the document is
Code2	<input type="checkbox"/>	(A) Code 2 2016.10.25	the document is
Code3	<input type="checkbox"/>	(A) Code 3 2016.10.25	the document is
Code4	<input type="checkbox"/>	(A) Code 4 2016.10.25	the document is

01	11/10/15	FOR APPROVAL	Eric	Andy	Tino	AAP
00	05/09/15	FOR APPROVAL	Eric	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



BUSHEHR PETROCHEMICAL COMPANY

P.O. No.:	AI316.3612ME	SCALE:
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DEEP BLUE PUMP

 **EIED**

Energy Industries
Engineering & Design Co.

DRAWING TITLE:

Pump Outline Drawing for BLOW DOWN PUMP
01-460-P-3A/B

DRAWING No.: BU-01-VD-307-MA-DRW-4603-176 SHEET No. 1 OF 1