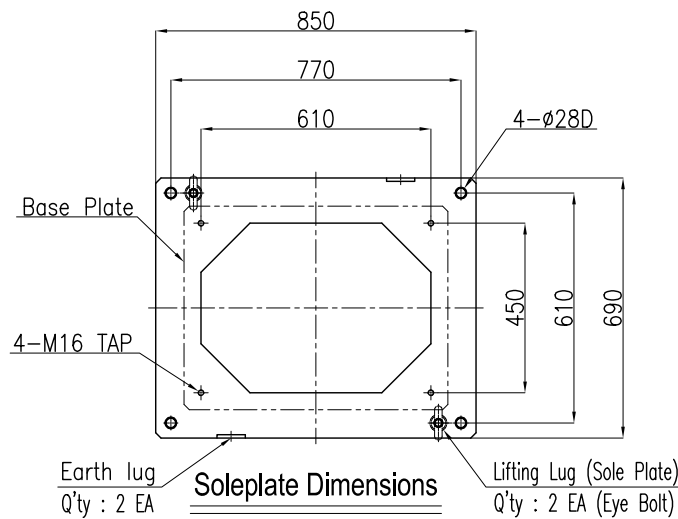
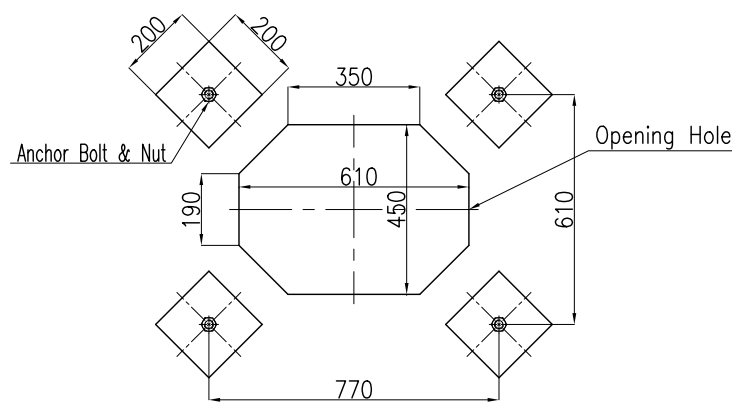


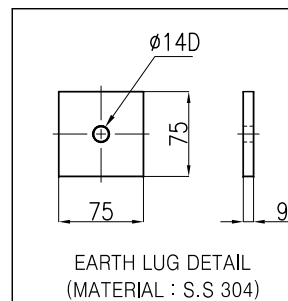
View A-A (Top View)



Soleplate Dimensions



Opening & Foundation Dimensions



EARTH LUG DETAIL (MATERIAL: S.S 304)

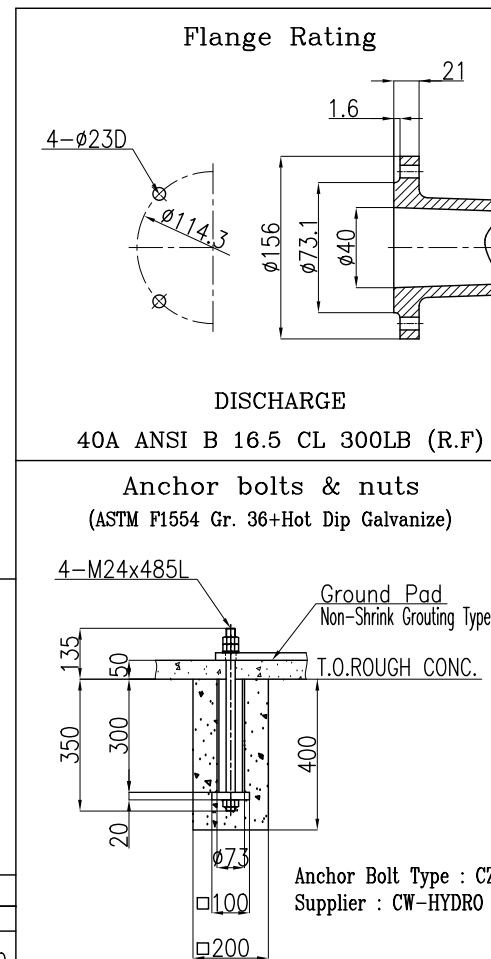
PUMP			
MODEL	CAPACITY (m <sup>3</sup> /hr)	HEAD (m)	REVOLUTION (RPM)
VSB 50x32-160H	6 (4+2)	24	2840

MOTOR			
FRAME	POWER (kW)	VOLT (V)	POLE (P)
112M	3.7	400	2

WEIGHT UNIT : Kg				
	PUMP	MOTOR	SOLE PLATE	TOTAL
STATIC	1000	80	50	1130
DYNAMIC	1200	80	50	1330

WEIGHT	
PUMP ROTOR	MOTOR ROTOR
31 kg	24 kg

Tie-in Point List		
No.	Tie-in Point	Specification
TP1	Pump Discharge	1 1/2", ANSI CL 300 R.F



Flange Rating

DISCHARGE

40A ANSI B 16.5 CL 300LB (R.F)

Anchor bolts & nuts (ASTM F1554 Gr. 36+Hot Dip Galvanize)

Anchor Bolt Type : CZ Supplier : CW-HYDRO

NOZZLE LOADINGS DATA							
NOZZLE	SIZE (ø)	FORCE(N)			MOMENT(N)		
		Fx	Fy	Fz	Mx	My	Mz
DISCHARGE	40	1420	1160	1780	920	460	700

- NOTE
- Permissible amplitude of vibration : 3.2 mm/s (r.m.s)
  - Mass moment of inertia of machine
  - 1) Pump rotor : 0.147 kg-m
  - 2) Motor rotor : 0.007 kg-m
  3. Max. maintenance weight : 2000 kg (Pump)
  4. The shape of the aux. piping shown in the GA drawing may be different from that of the aux. piping of the actual product.
  5. 20-P-1303 B will be located at warehouse.

REFERENCE DOCUMENTS	DOC. NO.

LEGEND	
DES.	
SYMBOL	

EQUIPMENT LIST		

Code1	Approved	No comment and the document is released for Manufacturing.
Code2	Approved with Minor comment:	Vendor shall correct, revise and resubmit the document. The document can be released for Manufacturing if changes incorporated.
Code3	Commented:	Vendor shall correct, revise and resubmit the document by the date specified. The document shall be revised under the Status of "To Be Revised Issue". All corrected documents shall be resubmitted before starting the Manufacturing.
Code4	Not Accepted (Rejected):	Vendor shall re-work/re-design/re-specify the contents of the documents according to the comments/ reasons for rejection. All corrected documents shall be resubmitted before starting the Manufacturing process. In this case vendor shall not proceed with subsequent work until receiving code 1 or code 2 or no code from CONSULTANT / OWNER / MC. VENDOR shall resubmit the documents with the same revision within (10) working days(including transmission/mailing time) after receiving the commented documents from CONSULTANT / OWNER / MC.
No Code	No Code Only for "FOR INFORMATION" documents and "As-Built Drawings"	Document has been submitted for CONSULTANT / OWNER / MC's Information(FI) consistency, completeness and correctness of documents content is in VENDOR/EPC contractor responsibility.
Above checking results 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.		
DATE : 18.Apr.2021		
DEPT. : MA		
Signature : D. M.		
Only for internal review		
CV	PI	EL
ST	AR	PR
	IN	ME
	SA	HV
		MA
		TL

04	11/03/2021	R	FOR APPROVAL	J.H. KIM	Y.H. OH	Y.H. OH	M.Y. LEE
03	12/08/2020	R	FOR APPROVAL	J.H. KIM	Y.H. OH	Y.H. OH	M.Y. LEE
02	28/07/2020	R	FOR APPROVAL	J.H. KIM	Y.H. OH	Y.H. OH	M.Y. LEE
01	26/06/2020	R	FOR APPROVAL	J.H. KIM	Y.H. OH	Y.H. OH	M.Y. LEE
00	13/03/2020	F	FOR APPROVAL	J.H. KIM	Y.H. OH	Y.H. OH	M.Y. LEE
REV.	DATE	STATUS	PURPOSE OF ISSUE	PREP.	CHKD.	APPD.	AUTH.
Kangan Olefin Project							
Centrifugal Pumps & Special Pumps							
Contract No. KP-20-00-PS-MA-PO-0001							
DRAWING TITLE: General arrangement drawing for 20-P-1303 A/B							
DRAWING NO. VP-20-00-MA-0001-0605				REV.	SHEET No.	SIZE	
				04	1 OF 1	A3	