

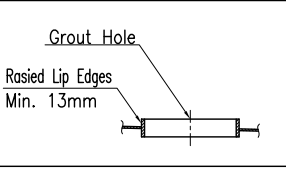
PUMP			
MODEL	CAPACITY (m³/hr)	HEAD (m)	REVOLUTION (RPM)
HB 150x100-315B-M1	148.6	24	1475

MOTOR			
FRAME	POWER (kW)	VOLT (V)	POLE (P)
180L	22	400	4

WEIGHT			
	PUMP	MOTOR	BASE PLATE TOTAL
STATIC	490	250	1110
DYNAMIC	588	250	1208

WEIGHT	
PUMP ROTOR	MOTOR ROTOR
58 kg	75 kg

Tie-in Point List	
TP4	Base Plate Drain NPT 1"
TP3	Pump Casing Drain 1/2", ANSI CL 300 R.F
TP2	Pump Discharge 4", ANSI CL 300 R.F
TP1	Pump Suction 6", ANSI CL 300 R.F
No.	Tie-in Point Specification



ORIFICE
[SEAL FLUSHING LINE (PLAN #11)]

- NOTE
- Permissible amplitude of vibration : 3.2 mm/s (r.m.s)
  - Mass moment of inertia of machine
  - 1) Pump rotor : 1.61 kg·m
  - 2) Motor rotor : 0.19 kg·m
  - 3) Max. maintenance weight : 490 kg
  - 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.

REFERENCE DOCUMENTS	DOC. NO.

LEGEND	
DES.	
SYMBOL	

EQUIPMENT LIST	

Code1	<input checked="" type="checkbox"/> Approved: No comment and the document is released for Manufacturing.
Code2	<input type="checkbox"/> Approved with Minor comment: Vendor shall correct, revise and resubmit the document. The document can be released for Manufacturing if changes incorporated.
Code3	<input type="checkbox"/> 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	<input type="checkbox"/> 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	<input type="checkbox"/> 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	
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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	17/06/2020	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**

Contract No. KP-20-00-PS-MA-PG-0001	P.O. No.	SCALE: N/S
DRAWING TITLE: <b>General arrangement drawing for 20-P-1302 A/B/C</b>		
DRAWING NO. <b>VP-20-00-MA-0001-0505</b>	REV. 04	SHEET No. SIZE 1 OF 1 A3