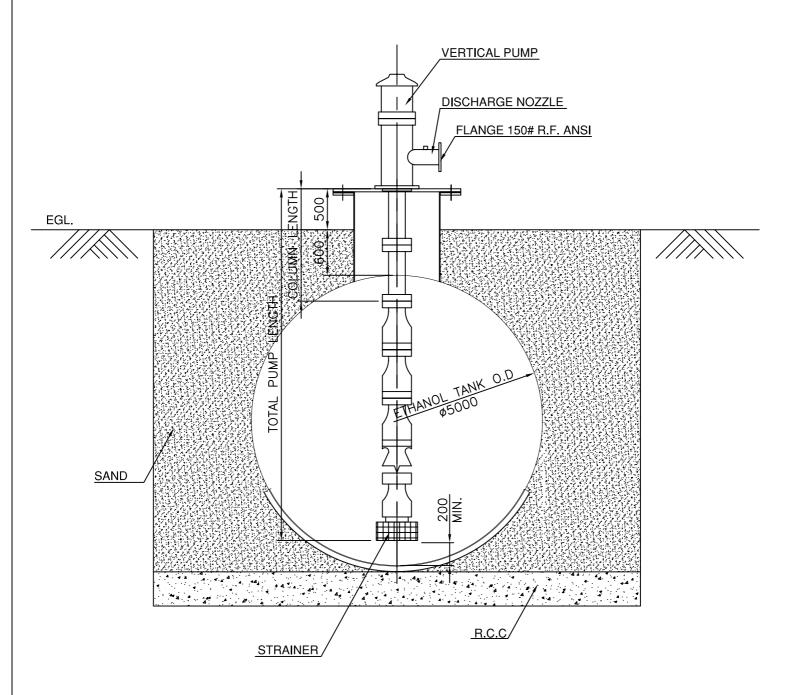
NUMBERRO	-	
	u	L C.
MARKET	_	
UIII		_

Spec. No		
Prep. By	Apr. By	
Date		
Sheet	1 of 1 Rev	. 0

			DATA SHEE	T FOR VER	TICAL PU	MP	Date Sheet	1 of 1 Rev. 0
O Ir	ndicates "appli	nation to be Co	se ompleted by Purchas	O As Built ser;				
For	, manoración					Site		
						Service	Ethan	ol I ordina
Unit No. Pumps Reg'd	10	No. Motors Re	ea'd	10 Provide	ed Bv	Pump Mfr.	Mtd By	ol Loading
Item No.		/3/4/5/6/7/8/9/1	-	Description		Tump mm.		-
No. Engines Region		No. Turbines F		- Provide	ed Bv		Mtd By	
Item No.		=		Description	· · · · · · · · · · · · · · · · · · ·			
Pump Mfr.				Size an	d Type	-	Seria	l No.
		ODED A TIL	IC COMPITIONS FAC	NII BIIIAB			T	DEDEC DATA MOS
Liquid	Gasoline	OPERAIII	USGPM at P.T. Nor.	H PUMP	500	Rated	Proposal Curve N	PERFORMANCE
	Gasonne		Disch. Press., Barg		300	3.2	RPM	NPSHR (Water)
P.T. °C, Nor.	40 Max.	70	Suct. Press., Barg m	ax.	-0	.3 Rated	Eff.	BHP Rated
Vap. Press. at P.T.	, Psia	10	Diff. Head, m.			48	Max. Head Rated	IMP
Vis. at P.T.,		cP 0.9	NPSHA, m.			-	Min. Continuous (
Corr/Eros. Cause			IC .	1001	Hyd. HP		Rotation (Viewed	from CPLG End)
	O Indoor O Continuous	X Outdoor	Area: ntermittent	O Safe	II.	Hazardous		
Working.	O COMMINUOUS	A II	CONSTRUCTION	O Rui	Idom			SHOP TESTS
Nozzles		Size	Rating	Facing		Location	X Non-Wit. Perf.	O Wit. Perf.
Suction		VTS	150 #	RF			X Non-Wit. Hydro	
Discharge		VTS	150#	RF			X NPSH Req'd.	O Wit. NPSH
Case-mount:	O Centerlin	ne O F	oot O	Bracket O		e)	X Shop Inspection	on
- Split:	O Axial	O Rad; Type			O DBL	O Diffuser	O Dismant. & Ins	p. After Test
- Press:	O Max. Allo		_psig		Hydro Test	psig	O Other	
- Connect: Impeller Dia.:	X Vent O Rated	X Drain	O Gage	•	O Turnos			
Mount:	O Between	Bras	Overhung	-	OType:			
Bearings-type:	O Radial	i biga	o overnoing	0	Thrust			MATERIALS
Lube:	O Ring Oil	O Flood	0		Flinger	O Pressure	Pump:	0
Coupling:	O Mfr.	, 1	Metastream or Eq.		Model	Sparkproof		Cast Iron
Driver Half Mt	d By: O	Pump Mfr.	O Driver	Mfr. O	Purchaser		Impeller: C	Carbon Steel
Packing:	O Mfr. & Ty				/No. of Ring			
Mech. Seal:	O Mfr. & M		YES	API Clo	ass. Code	API-682		
	O Mfr. Cod	ie	AUXILIARY PIPING				Baseplate:	Steel /ERTICAL PUMPS
O C.W. Pipe I	Plan	0 0		SS; O Tub	ing; O	Pipe	Pit or Sump Depth	
	ing Water Regi		.0,		Sight F.I. Re		Min. Submergence	
O Packing Cooli			O Total		psig		Column Pipe:	O Flanged O Threaded
O Seal Flush Pipe	e Plan				Tubing	O Pipe		Open O Enclosed
O External Seal F	Flush Fluid			O gpm		O psig	Brgs: O Bowl	O Ling Shaft
O Auxiliary Seal		C	CS	o ss o	Tubing	O Pipe	4 "	Water Oil O Grease
O Aux. Seal C	Quench Fluid) CS O SS O BRZ O Non
			MOTOR DRIVER				Float Switch Pump thrust,lb.	O UP O Down
HP	RPM	Frama	MOTOR DRIVER	Volts/Phas	no/Cyclos	380/3/50	Fulfip iniusi,ib.	O UP O Down
-	KF/VI	Frame Bearings			-	360/3/30		
Mfr.	Note -10			Lub				
71		Insul. Temp. Rise, °C	F 8		Load Amp d Rotor Amp		/	
O VHS O V		Thrust Cap., lb.		LOCKEC	I KOIOI AIII		Approx. WT. Pump	o & Base
	hermal overloo		•				Motor	Turbine
		,	=					
1 Pump shall 2 Vendor to Pump shall		ME/ANSI B73.1 or kW of moto on top of EDC	ors. vessels of and subme	erged down to	o the botto	m of the vessel, Hen	ce Total pump lenç	gth shall be advised by Vendo
4 Vendor to	advise number	r of stages of th	ne pump		Anil			

- Vendor to provide Pump Base plate and Optional sub-base mounting detail.
 Pump shall be equipped with inline strainer at the bottom.
 Pump's motor and casing shall be explosion proof.
 Vendor to provide information / Literature regarding the pumps adequacy to handle petroleum fluids like Ethanol
 Pump shall be running with variable frequency drive located at Motor control station (MCC)
 Pumps shall be provided with a single mechanical seal. All seals shall be in compliance with API 682.



 $\frac{\text{TYPICAL INSTALLATION DETAIL FOR VERTICAL PUMP TO BE}}{\text{MOUNTED ON EDC VESSEL.}}$