## DATASHEET OF PRODUCE WATER TRANSFER PUMPS

P-1001 A/B

Unit		-		Service	Produce V	Vater Transfer P	umps	
	2 No. Motors	Reg'd	2 Provided By	-	Mtd By	,	-	
· · · · · · · · · · · · · · · · · · ·	-1001 A/B	Item De	escription		Submersible Pumps			
				N/A	Mtd By	,	N/A	
Item No.			escription		-	-		
Pump Mfr.	-		Size and Typ	e Manufacturer	r Std. Ser	rial No.	-	
r unip iviii.	OPERATING	PERFORMANCE						
Liquid Produc	ed Water	Proposal Curve No. X						
Sp. Gravity at P. T. 1.05		Flowrate(U Disch. Pre		28	RPM X NPSHR (Water)		ater) X	
P.T. °F, Nor. 100 Ma		Suct. Press		-3 Rated	NPSHR (Sen	vice) X		
Vap. Press. at P.T, Psig		Diff. Head		31.0			X	
Vis. at P.T., cp	0.7	NPSHA (ft		20	Max. Head Ra	ated IMP	X	
Corr/Eros. Caused by	Water		Hydraulic Power	(kW) 3.85	Min. Continuo	ous gpm	x	
	r X Outdoor		O Safe	X Hazardous	-	wed from CPLG	End) X	
Working: O Conti	1 1	ntermittent	O Random					
Working. O Conta		CONSTRUCT			SHOP TESTS			
Nozzles	Size	Rating	Facing	Location	O Non-Wit. F	Perf. (	) Wit. Perf.	
Suction	6"(VTC)	150#	RF	VTS	O Non-Wit. I	Hvdro (	) Wit. Hydro	
Discharge	4"(VTC)	150#	RF	VTS	1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Wit. NPSH	
			acket O Ve	18700000	O Shop Inspection			
	kial O Rad; Ty			DBL O Diffuser	O Dismant. & Insp. After Test			
	ax. Allow,	psig	1 1	ydro Test psig	Total Control			
			OPSV	ruio restpoig				
1 1	Vent X Drai	O Max.	10100	O Type:				
Mount: O Between Brgs   O Overhung  Bearings-type: O Radial O Thrust						MATERIALS		
0 //	Chrome plated Carbon Steel							
to the second of	ng Oil O Floo fr. Meta	od 0 Oil astream or Eq.	Official plates carper steel					
Driver Half Mtd By:	-			odel Sparkproof urchaser				
	fr. & Type	-	O Size/No.					
	fr. & Model							
	fr. Code	YES (Note-2)	API Class. C		Baseplate:	Yes		
O W		UXILIARY PIF	PING		Buschiate:	100		
O C.W. Pipe Plan			S; O Tubing;	O Pipe				
		reads see see	200	ght F.I. Req'd				
O Total Cooling W O Packing Cooling Inje		O Total gr		sig	1			
<ul><li>O Packing Cooling Inje</li><li>O Seal Flush Pipe Plan</li></ul>				ubing O Pipe				
O External Seal Flush		1	gpm	O psig	†			
	-			ubing O Pipe	1			
<ul> <li>Auxiliary Seal Plan</li> <li>Aux. Seal Queno</li> </ul>		, 00 0	55 0 10	ability O lipe	1			
O Aux. Sear Quent		MOTOR DRIV	/FR		1			
Eat Dawer Board			CONTROL SOUND TO STANK TO	cles NOTE-5	<del>                                     </del>			
	- · · · ·		Volts/Phase/Cyc	14012-0	Approx M/T	Pump & Base	VTS	
				Amne	Motor	Turbii		
··					IVIOLOI	iuibii		
Enc IP 55	Temp. Rise	5, 0 00	Locked Roto	ı viiihə				
NOTES:		O . N - 4 D						
1- X : means require		O : Not Require						
<ul><li>2- Mechanical Seals sh</li><li>3- Motor driver shall be</li></ul>				standards and or other prac	ctice.			
4- Pump with Motor sh	ould be mounte	d on common	base plate by pur	mp manufacturer.				
5- Motor shall be Explo	sion Proof suita	able for Zone-1	1, Group IIA, Clas	ss T6 and should compatib	le with 415V &	440 V / 50 Hz.		
6- VTS : Vendor to Spe	cify; VTC: V	endor to Conf	irm		\ /	Shu		

Jnit	1 No. Motors Req'd 1	Provided By	-	- Wild by				
No. Pumps Req'd	P-1002 Item Des	crintion		Submersible Pump				
tem No.	P-1002 Item Des	A Provided By	N/A	N/A INITIA BY				
No. Engines Req'd	o. P-1002 Tell October 19 P-1002 N/A Provided By gines Req'd N/A No. Turbines Req'd N/A Size and Type			er Std. Serial No PERFORMANCE				
Pump Mfr.	OPERATING CONE	PERFORMANCE						
		Proposal Curve No. X						
Liquid R	ecoverd Oil Usgpm	RPM X NPSHK (Water)						
" - D T	() 86 DISCH. 1 100	NPSHR (Service) X						
P.T. °F. Nor. 100 Max. 120 Suct. 1 less., 120				Eff. X BHP Rated X				
Von Press at P.T. Psia 0 Dill. Head (psig)			29	Max. Head Rated IMPX				
Vis. @ 100°C	2.21 cP NPSHA, ft.	Min Continuous apm X						
Corr/Eros Caused b	ov Water	er(kW) 1.5 X Hazardous	Rotation (Viewed from CPL)	G End) X				
Location: O I	ndoor A Outdoor		A Hazardous					
	1: O midder   V Intermittent   O Random			SHOP TESTS				
Working: 0 0	CONSTRUCT	ION	Leastion	O Non-Wit. Perf.	O Wit. Perf.			
Nerrice	Size Rating	Facing	Location VTS	O Non-Wit Hydro	O Wit. Hydro			
Nozzles	4"(VTC) 150#	RF RF	VTS	O NPSH Reg'd.	O Wit. NPSH			
Suction	150#	RF		O Shop Inspection	Park transfer of			
Discharge	1 10 De	acket O Ver	rt. (Type)	O Dismant. & Insp. After Test				
Case-mount:	O Centerline   O Foot   O Br O Axial   O Rad; Type Volute							
- Split:	O Axiai   O Ikau, 1990 Tolai	-F.I O 119	dro Testpsig	O Other				
- Press:	O Max. Allow, psig  X Vent X Drain O Gage	O PSV						
- Connect:	O Rated O Max.	1	O Type:					
Impeller Dia.:	O Rated O Wax. O Between Brgs O Overhung	MATERIALS						
Mount:								
Bearings-type:	O Radial O Ring Oil O Flood O O	Casing : Ductile Iron (VTC)						
Lube:	X Mfr. Metastream or Ed	Impeller : Cast Iron (VTC)						
Coupling:	X Mfr. Metastream of Ed	urchaser	Shaft : Carbon Steel (VTC)					
Driver Half Mt	d By: O Pump Mfr. O Driver	O Size/No.						
Packing:	O Mfr. & Type	API Class. C						
Mech. Seal:	X Mfr. & Model YES		Baseplate: Yes					
	O Mfr. Code (Note-2)							
	ALIXII IARY	PIPING						
O CIM Bind	e Plan N/A O CU; O S	SS O Tubing;	O Pipe					
				-				
	i - I-lection Dod'd:		sig					
O Packing Cool	O Total Cooling Water Red d, gpril O Packing Cooling Injection Red'd: O Seal Flush Pipe Plan O CS O SS O Tubing O Pipe O Seal Flush Pipe Plan O CS O SS O Tubing O Pipe O Seal Flush Pipe Plan O CS O SS O Tubing O Pipe							
O Seal Flush P	I Flush Fluid							
O External Sea	I Flush Fluid	_						
O Auxiliary Sea	111011							
O Aux. Sea	I Quench Fluid			_				
	MOTOR D	RIVER						
	WOTOR DI	Volts/Phase/Cv	cles NOTE-5		ve VTS			
Est. Power Reqd	2 kW Frame	Lube		Approx. WT. Pump & Ba	136			
Type Explosion Proof Bearings Motor Turbite								
Туре	IFF(, IIISui.							
Enc II	P 55 Temp. Rise, °C	SU Locked Rot	OI Allips					