Oct. 13 60-SS-PSF-01



VANCS - SERIES - PSF (FRP) EFFLUENT PUMPS

SAMPLE SPECIFICATIONS

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1. SCOPE OF SUPPLY -				
Furnish and install TSURUMI, capable of delivering designed to pump waste water damage during operation. The exceed the motor rated output discharge size shall beinc	_GPM(, sewage or effl pump(s) shall l throughout the	m³/min) at uent containing be designed so that	_Feet (m) TDH. inch (mm) diam the shaft power required	The pump(s) shall be neter solids without (BHP)/(kW) shall not
2. MATERIALS OF CONS	TRUCTION -			
Construction of major parts of tintermediate brackets shall be protective coating shall not be steel mating anchors integrally companion flange. Impellers s motor shaft shall be machined relief valve.	manufactured for required. All ex- cast into the mall be of the mall	rom recyclable, app xposed fasteners sh ating part. All units ulti-vane, enclosed	lication appropriate resins hall be stainless steel and shall be furnished with a design and shall be slip fi	s. The need for a shall have stainless NPT discharge t to the shaft. The
3. MECHANICAL SEAL -				
All units shall be furnished with running in a separate oil filled of top mechanical seal, (down to electrical power. Units shall ha Stainless steel.	chamber. Units one third of the	shall be fitted with a standard oil level).	a device that shall provide The device shall not cons	positive lubrication of sume any additional
4. MOTOR -				
The pump motor(s) shall be Design Type B equivalent. Mo factor and shall be rated for 6 s built in thermal and over ampet two permanently lubricated, hig 60,000 hours. The bearings sh seats shall be rolled carbon stephall be suitable variable speed.	starts per hour. rage protection. gh temperature nall be single ro eel or aluminum	Motor(s) shall be ai Motor shaft shall b ball bearings, with a w, double shielded, die casting. Motor	r filled, copper wound, cla be 403 stainless steel and a B-10 life rating at best ef C3, deep groove type bal housing shall be 304 stain	iss E insulated with shall be supported by fficiency point of I bearings. Bearing nless steel. Motors
5. POWER CABLE AND C	ABLE ENTRA	ANCE -		
The pump power cable shall be built in strain relief, a one piece cable entrance assembly shall Capillary wicking should the po	e, three way me contain an anti-	echanical compressi -wicking block to elir	ion seal with a fatigue red minate water incursion in	ducing cable boot. The