TSURUMI PUMP U - SERIES SEMI-VORTEX - SEWAGE & WASTEWATER PUMPS

SAMPLE SPECIFICATIONS

| | JEMI-VORTEX - JEWAGE & WASTEMATER FUMPS | SPECIFICATIONS |
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| | | |
| 1. SCOPE OF SUPPLY - | | |
| during operation. The pump(s) | Model Submersible Pump(s). Each unit a Feet (m) TDH. The pump or effluent containing inch (mm) diameter solids a shall be designed so that the shaft power required (BHP)/(k' out the entire operating range of the pump performance curve ch, (mm). | W) shall not exceed |
| 2. MATERIALS OF CONS | TRUCTION - | |
| manufactured from gray cast in the pumpage shall be protected units shall be furnished with a | the pumping unit(s) including pump casing, impeller, and disc con, ASTM A48 CLASS 35. Internal and external surfaces conducted by a fused polymer coating. All exposed fasteners shall be discharge elbow with 150 lb. (10 kg/cm²) flat face flange and the semi-vortex, solids handling design equipped with back purkey driven. | ming into contact with e stainless steel. All NPT companion |
| 3. MECHANICAL SEAL - | | |
| running in a separate oil filled of bottom seal faces and the fluid positive lubrication of top mech consume any additional electric | n a dual inside mechanical shaft seal located completely chamber and further protected by an exclusionary oil seal local being pumped. The oil chamber shall be fitted with a device nanical seal, (down to one third of the standard oil level). The cal power. Mechanical seals shall rated to preclude the incur II have silicon carbide mechanical seal faces. Mechanical seal seal faces. | ated between the that shall provide device shall not rsion of water up to |
| 4. MOTOR - | | |
| Design Type B equivalent. Mo factor and shall be rated for 20 built in thermal and over ampe be supported by two permaner efficiency point of 60,000 hours bearings. Motor housing and be | Hp.,kW.,V., 60 Hz., 3 Phase and shall be stor(s) shall be rated at full load amps. Motor(s) shall starts per hour. Motor(s) shall be air filled, copper wound, clerage protection for each winding. Motor shaft shall be 403 startly lubricated, high temperature ball bearings, with a B-10 life. The bearings shall be single row, double shielded, C3, deepearing housing shall be gray cast iron, ASTM A48 CLASS 30 ations, utilizing a properly sized variable frequency drive. | have a 1.15 service lass E insulated with tainless steel and shall e rating at best ep groove type ball |
| 5. POWER CABLE AND C | ABLE ENTRANCE - | |
| built in strain relief, a one piec cable entrance assembly shall | e suitable for submersible pump applications. The cable entrie, three way mechanical compression seal with a fatigue red contain an anti-wicking block to eliminate water incursion into ower cable be accidentally damaged. | ducing cable boot. The |
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