



UZ - SERIES
VORTEX - SEWAGE & WASTE WATER PUMPS

SPECIFICATIONS

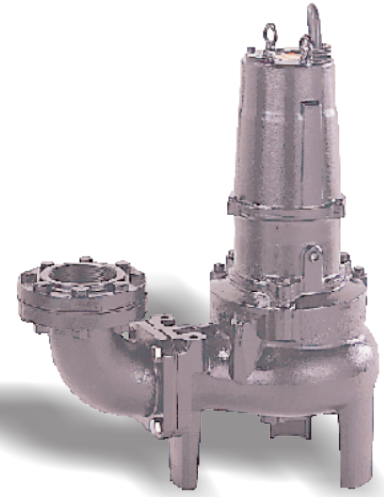
FEATURES

1. Vortex , Cast Iron, impeller passes solids and stringy material without clogging and increases wear resistance when pumpage contains abrasive particles.
2. Double inside mechanical seals with silicon carbide faces, running in an oil filled chamber and further protected by a lip seal, provides for the most durable seal design available.
3. Highly efficient, continuous duty, air filled, copper wound motor with class F, insulation minimizes the cost of operation.
4. Built in thermal & amperage sensing, protector prevents motor failure due to overloading, single phasing (in three phase units), or accidental run -dry conditions.

5. Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a B-10 life of 60,000 hours, extend operational life.

APPLICATIONS

1. Residential, commercial, industrial sewage, effluent, wastewater and site drainage.
2. Decorative waterfalls, fountains and fish ponds.
3. Raw water supply from rivers or lakes.



SPECIFICATIONS

- Discharge Size
- Horsepower Range
- Performance Range Capacity Head
- Maximum water temperature
- Materials of Construction
 - Casing
 - Impeller
 - Shaft
 - Motor Frame
 - Fasteners
- Mechanical Seal
 - Elastomers
- Impeller Type
- Solids Handling Capability
- Bearings
- Motor Nomenclature
 - Type, Speed, Hz.
 - Voltage, Phase
 - Insulation
- Accessories
- Operational Mode

STANDARD

- 2 ~ 4" Npt (50 ~ 100 mm)
- 2 ~15 Hp. (1.5 ~ 11 kW)
- 26.4 ~ 740.0 Gpm. (.1 ~ 2.8 m³/min)
- 8.2 ~ 70.0Ft. (2.5 ~ 21.3 m)
- 104 °F. (40 °C.)
- ASTM 48M Class 30B Cast Iron
- ASTM 48M Class 30B Cast Iron
- 420,403 Stainless Steel
- ASTM 48M Class 30B Cast Iron
- 304 Stainless Steel
- Silicon Carbide
- NBR (Nitril Buna Rubber)
- Vortex, solids handling.
- 1.97 ~ 3.94" (50 ~ 100 mm)
- Pre-lubricated, Double Shielded
- Air Filled, 1800 Rpm, 60 Hz.
- 208-230, 460 or 575 V. (3 Phase)
- Class E, F
- Submersible Power Cable 32' (10 m)
- Manual

OPTIONS

- Length as Required
- TOS Slide rail system