



C - SERIES
SEWAGE & WASTE WATER CUTTER PUMPS

SPECIFICATIONS

FEATURES

1. Single & Multi-Vane, Cast Iron, impellers with Tungsten Carbide tip., and serrated, High Chrome Cast Iron, field replaceable/ adjustable cutter plate, reduces solids to impeller thrulett size, providing for highly efficient, and trouble free pumping of raw sewage and waste water.
2. Double inside mechanical seals with silicon carbide faces, running in an oil filled chamber and further protected by a lip seal, equipped with an oil lifter, (2Hp. and above.), provides for the most durable seal design Available.
3. Highly efficient, continuous duty, air filled, copper wound motor with class F, B, E insulation minimizes the cost of operation.

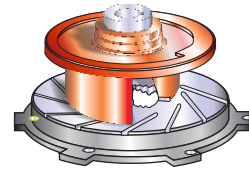
4. Built in thermal, protector prevents motor failure due to overloading, single phasing (in three phase units), or accidental run -dry conditions.
5. Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a B-10 life of 60,000 hours, extend operational life.



APPLICATIONS

1. Residential, commercial, industrial sewage, effluent, wastewater and site drainage.
2. Food and poultry, waste processing.
3. Dairy and Hog waste handling.
4. Problem sump applications with unpredictable solids incursion.

IMPELLER



CUTTER PLATE



SPECIFICATIONS

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

STANDARD

- 2 ~ 8" N.P.T. (50 ~ 200 mm)
- 1 ~ 30 Hp. (.75 ~ 22 KW)
- 39.6 ~ 1585.0 G.P.M. (.15 ~ 6.0 m³/min)
- 4.9 Ft. ~ 230.0 Ft. (1.5 ~ 70.1 m)
- 104° F. (40° C.)
- ASTM 48 Class 35 Cast Iron
- ASTM 48 Class 35 Cast Iron/TC
- High Chrome Cast Iron, (HCR)
- 420,403 Stainless Steel
- ASTM 48 Class 30 Cast Iron
- 304 Stainless Steel
- Silicon Carbide
- NBR (Nitril Buna Rubber)
- Semi-Open, Cutter Type
- 0.79 ~ 3.62" (20 ~ 92 mm)
- Pre-lubricated, Double Shielded
- Air Filled, 3600/1800/1200 Rpm, 60 Hz.
- 115V. or 230V. (1 Phase)
- 208-230 or 440, 460 or 575V. (3 Phase)
- Class E, B, F
- Submersible Power Cable 32' (10 m)

OPTIONS

- Dry-Pit
- Nema 3R inverter available for 230 V., 1 Ph. operation (1~5 Hp.)
- Length as Required
- TOS Slide rail system