



**KTV(E)- SERIES**  
**SEMI -VORTEX - DEWATERING PUMP (Auto Type)**

**SPECIFICATIONS**

**■ FEATURES**

1. Semi-vortex, urethane rubber, Ductile Iron, or High Chrome Cast Iron impeller with synthetic rubber casing 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 running against a replaceable, 430 stainless steel shaft sleeve, provides for the most durable seal design Available.
3. Highly efficient, continuous duty, air filled, copper wound motor with class E insulation minimizes the cost of operation.
4. Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a

B-10 life of 60,000 hours extend operational life.

5. Top discharge, flow-thru design enables operation at low water levels for extended Periods.
6. Automatic Operation on KTVE Series.
7. A powerful Slurry pump series using KTV2-50/-80 pumps as a base incorporates high chrome cast iron agitator.

**■ APPLICATIONS**

1. Commercial, industrial wastewater and construction site drainage.
2. Effluent transfer.
3. Decorative waterfalls and fountains.
4. Raw water supply from rivers or lakes.



**■ SPECIFICATIONS**

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

**■ STANDARD**

- 2 - 3" NPT (50 - 80 mm)
- 1 ~ 7.5 HP. (0.75 ~ 5.5 kW)
- 23.8 ~ 230.0 GPM. (0.09 ~ 0.87 m<sup>3</sup>/min)
- 16.4 ~ 121.0 Ft. (5.0 ~ 36.9 m)
- 104 °F. (40 °C.)
- Butadiene Rubber + Natural Rubber
- Urethane Rubber , Ductile Cast Iron , High Chrome Cast Iron(KTV2-50/-80)
- High Chrome Cast Iron(KTV2-50/-80)
- 403/420 Stainless Steel
- Aluminum alloy
- 304 Stainless Steel
- Silicon Carbide
- NBR (Nitrile Butadiene Rubber)
- Semi-vortex, solids handling.
- 0.334" (8.5mm)
- Air Filled, 3600 RPM, 60 Hz.
- 208/230/460/575 V., 3 Phase
- Class E
- Pre-lubricated, Double Shielded
- Submersible Power Cable 50' (15 m)
- Manual , Automatic (KTVE)

**■ OPTIONS**

Length as Required