



KRS2 - SERIES
HIGH VOLUME - DEWATERING PUMP

SPECIFICATIONS

FEATURES

1. Semi-open, Mixed Flow, impeller, with replaceable adjustable wear plate, increases wear resistance when pumpage contains abrasive particles.
2. Double inside mechanical seals with silicon carbide faces, (both top and bottom) 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, B, F 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. 4 - pole motor increases product life and offers greater convenience.
7. Agitator installed on the motor shaft extension forcibly agitates the fluid for easy and efficient transmission of sludge and slime. (KRS2-80/-100/-150/KRS-200/KRS822L-SK))

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
- Bearings
- Motor Nomenclature
 - Type, Speed, Hz.
 - Voltage, Phase
 - Insulation
- Accessories
- Operational Mode

STANDARD

- 3 ~ 14" NPT (80 ~ 350 mm)
- 3 ~ 50 HP. (2.2 ~ 37 kW)
- 66.0~4359.0 GPM. (0.25~16.50 m³/min)
- 16.4 ~ 113.0 Ft. (5.0 ~ 34.4 m)
- 104 °F. (40 °C.)
- Cast Iron
- Ductile Cast Iron , High Chrome Cast Iron (KRS2-80/-100/-150/KRS-200/KRS822L-SK)
- 420 Stainless Steel
- Cast Iron
- 304 Stainless Steel
- Silicon Carbide
- NBR (Nitrile Butadiene Rubber)
- Semi-open , Mixed Flow ,with Agitator
- 0.472 - 1.97" (12.0 - 50.0mm)
- Prelubricated, Double Shielded
- Air Filled, 1800 RPM, 60 Hz.
- 208/230/460/575 V., 3 Phase
- Class E, F, B
- Submersible Power Cable 50' (15.0 m)
- Manual

OPTIONS

- Length as Required
- TS-301 Float Switch