



## 1. WATERTIGHT CABLE ENTRANCE

Agency-approved, watertight strain relief cord grip with compression grommet protects outer cord jacket (FM Explosion-Proof) or Heavy-duty molded compression grommet protects outer cord jacket. Epoxy-filled inner cord cap provides anti-wicking moisture protection to the motor even if power cable is cut or damaged.

## 2. MODULAR PUMP DESIGN

Commonality of parts across the Keen product line minimizes the amount of parts required for servicing. Heavy-duty ASTM A48, Class 35 cast iron components.

## 3. STRONG MOTOR

Powerful high-torque motor for reliable pump operation. Pressed stator securely holds motor and efficiently transfers heat. Class N insulation with overload protection in oil-filled chamber for cool operation and long motor life.

## 4. 3-BEARING SUPPORT

Motor / Pump shaft securely held with upper and lower ball bearing plus additional sleeve bearing in lower seal chamber. Long 100,000 hour L-10 bearing life.

## 5. DOUBLE MECHANICAL SEAL PROTECTION

Dual silicon carbide mechanical shaft seals w/ Viton® Elastomers provide twice the moisture and grit protection for the motor. Dual seals are housed in a secondary oil-filled seal chamber. Tougher silicon carbide seals better handle sand, grit and abrasive materials. \*\* Additional bronze labyrinth seal for explosion-proof model.

## 6. MOISTURE DETECTION

Seal leak probe signals alarm in control panel for scheduled maintenance.

## 7. NON-OVERLOADING HYDRAULIC DESIGN

The recessed centrifugal impeller allows 100% performance curve operation from shut-off to maximum flow without damage to the pump or system. The recessed vortex impeller is out of the passageway of fluid flow, eliminating concerns of blockage or wear.

## 8. ROBUST CHOPPER ASSEMBLY

Hardened (Rockwell 56-60) stainless steel chopping assembly, designed to chop tough solids and prevent damage to downstream systems

## 9. VERSATILE FLANGE CONNECTION

Combination 2-1/2" and 3" horizontal flange. Industry-standard ANSI Class 125 dimensions.

## 10. ACCESSORIES

Stainless steel lifting handle included. Anti-Vibration mounting feet OPTIONAL.



