

KEEN PUMP Solids-Handling Pumps...a COOLER Way to Move Solids!

Keen Pump's Bearing Protection Program



- Keen's Motor Grounding Ring protects the motor from harmful shaft voltages produced by VFD drives.

- Safely conducts the harmful voltages to the grounding ring adding protection for the bearings and extended life.

Double Row Bearings



- Heavy Duty Bearings to handle the toughest performances.
 - High Pressures
 - High Flows
- Handles both Axial and Radial loads in both directions at the same time.
- Double Row Angular Ball Bearings have two rows of balls arranged back-to-back.

Heavy Duty Motor

Applications in Electric Motors:



- Introducing New Premium Class "N" Motors for Keen's Large Grinders and Solids Handling pumps.
 - Highest temperature construction (200 degrees Celsius) for motors
 - Class "N" Construction is the best in the industry. Protects your motor from over heating and provides extended motor life. Motors are operating at higher temperatures due to:
 - Longer run times
 - Motor housing not submerged
- Continuous

Castings

- ASTM - Class 35 high tensile strength castings.

Durable Powder Coat Finish

- Holds up to the toughest environmental conditions.

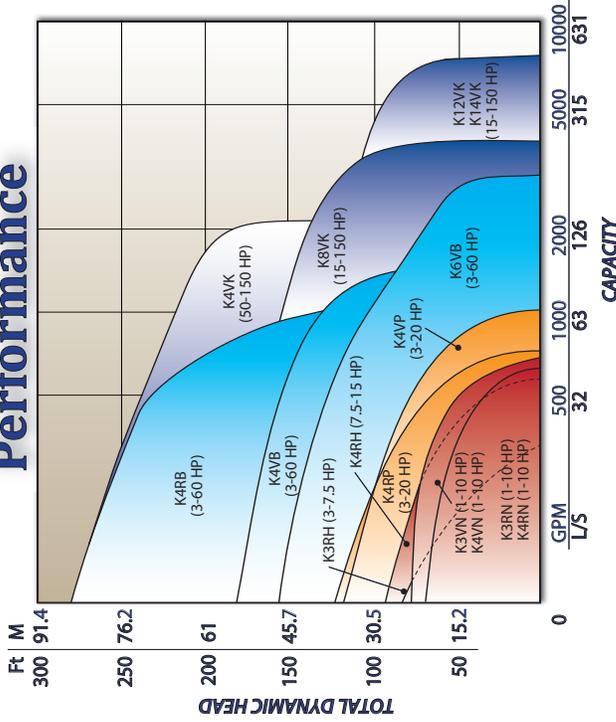
Dual Shaft Seals

- Twice the protection quality silicon carbide faces, viton elastomers, stainless steel construction.

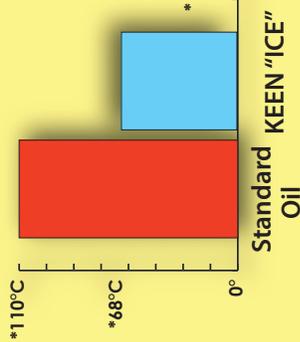
Ceramic Coating

The ultimate indestructible ceramic coated impellers and volutes for Keen's Solids Handling pumps. This allows the pump to operate in any condition without any problems! Impressive sand, grit, abrasion and cavitation resistance!

Performance



Decrease Heat...Increase Motor Life 8x!
...it's that simple!



Up to 38% Decrease in Running Temp vs Other Manufacturers!

* Temps Shown for Reference Only

Note: KEEN "I.C.E." is a PROPRIETARY, synthetic blend, low-viscosity oil, specifically designed for cooling KEEN submersible pumps.

www.keenpump.com