



KML **STAND-OUT™** MOUNTED BEARINGS

***Their cleanability is
unmatched by previous
mounted bearing designs.***

KML Stand-Out Style Bearing Housings provide the next level of sanitary performance in High Moisture Application Bearing Systems. This exciting next generation design provides the following Features and Benefits:

- ✓ Bacteria harborage sites and edge seams are eliminated
- ✓ Seams are reduced to self-draining cylindrical posts
- ✓ Full ½" cleaning corridor adjacent to the bearing mounting area
- ✓ The bearing operating area is moved further away from the critical food contact product area
- ✓ Fabrication and welding operations of previously used clearance spacers is eliminated saving time and money
- ✓ Caps and rear seals are available for the correct shaft size eliminating unwanted cavities in the bearing housing
- ✓ Bearing housings, caps and rear seals are self-draining

They are outstanding!

KML **Poly-Guard Sealing System**

***Performance is unmatched
by previous designs***



- ✓ Standard front caps are fully enclosed
- ✓ Open front caps are available for through shaft applications
- ✓ Open caps fit both inch and metric applications with correct diameter shaft seals
- ✓ Caps are compression fit with locking tabs to withstand high pressure washdown without dislodging
- ✓ Cap seals for the through-shaft design feature correct double-lip TC type seals

- ✓ Rear seals are flush-press-fit into a counterbore in the rear face
- ✓ Rear seals feature TC double lip design with garter spring shaft compression
- ✓ Bearing cavity and installation slot are completely sealed eliminating harborage areas
- ✓ Wide inner ring bearing inserts are utilized for optimum shaft engagement while being hermetically sealed within the mounting cavity
- ✓ Stand-out housing mount allows cleaning around the housing



KML Poly-Guard Sealing System provides the next level of sanitary enclosure in high moisture bearing applications.

This exciting next generation design provides outstanding protection that will increase bearing life expectancy.

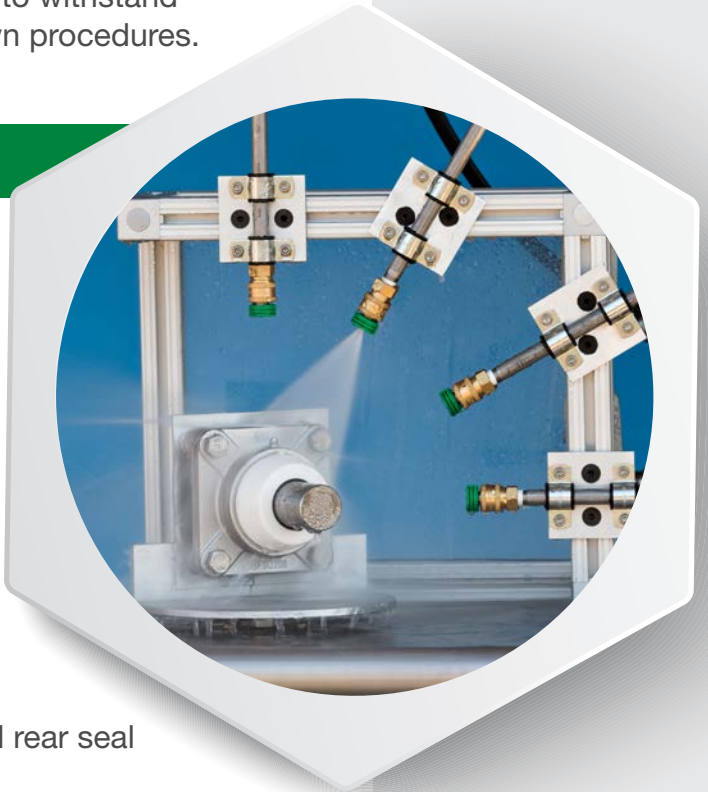
What is IP69K?

The IP69K rating provides protection against the ingress of dust and high temperature, high pressure water; thereby, making products with this certification ideal for use in conditions where equipment must be cleaned and sanitized.

In industries such as food processing, where hygienic design and sanitizing are paramount, equipment must be able to withstand rigorous high pressure, high temperature washdown procedures.

The KML IP69K Test Stand Parameters

- ✓ 1,500 psi nozzle pressure
- ✓ Four application wands at IP69K specified angular locations
- ✓ Product located 10-15cm from the tip of the nozzle
- ✓ 360° product table rotation @ 5 RPM during exposure
- ✓ 30 seconds exposure at each nozzle location constitutes a complete test cycle
- ✓ Product to be fitted with closed front cap and rear seal with shaft installed for a complete test cycle
- ✓ Product to be fitted with an open front cap and rear seal with shaft installed for a complete test cycle



This is the answer both OEMs and Consumer Goods Companies (CPGs) need in this fast-paced, post Food Safety and Modernization Act (FSMA) environment that requires forward-looking solutions. The KML Poly-Guard Sealing System encapsulates the bearing protecting it from the high velocity chemical washdown solutions. This helps prevent corrosion of the critical bearing surfaces and also reduces the chemical damage and embrittlement to critical sealing surfaces.

KML

K-Poly™ Solid Lube

is available in many bearing types and styles for many demanding applications.

***No matter the process,
grease doesn't belong there.***

From Poultry Processing to Fruit and Vegetable Packaging, KML K-Poly™ Solid Polymer Lubricant provides enhanced protection of critical bearing surfaces. The new world created by the Food Safety & Modernization Act assigns responsibility from farm-to-table. KML K-Poly™ Solid Polymer minimizes Hazard Analysis & Risk-Based Preventive Controls (HARPC) factors, improving operating conditions and saving time and money. From an aesthetic perspective, the cleanliness of the Lube-for-Life solid lubrication solution can pay dividends during critical inspection reviews.



Contact us to learn more about ***KML Bearing USA*** innovative bearing solutions.

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