Our goal at DODGE is to create the world’s most successful customer. We do that by listening and responding to our customers’ needs. Customers in the food and beverage processing industry told us they needed new and improved products that help make their industry safer - products that help in the fight against contamination from bacteria such as E. coli, salmonella, and staphylococcus aureus.

DODGE delivered by expanding our high performance E-Z KLEEN line with this new, improved generation of E-Z KLEEN engineered polymer housed ball and sleeve bearings and stainless steel housed ball bearings.

**RUGGED, SOLID-BASE HOUSING**
- Manufactured with no cavities and no fillings - no traps for bacteria
- Features anti-microbial polymer that helps prevent bacterial and fungal growth (polymer housing)
- Housing strength exceeds static capacity of bearing
- Designed with stainless steel lube fittings and stainless steel ferrules in bolt holes (polymer housed)
- 316 Series stainless steel housing also available
- For no relube (NL) remove the lube fitting and install the polymer plug that is shipped with each bearing
- Retains dimensional stability in harsh environments
- No flaking or peeling, even after repeated washdowns
- Provides excellent chemical resistance
- Available with either open or closed end closures
- FDA/USDA compliant

**RESULTS OF HOUSING ANTI-MICROBIAL ACTIVITY AGAINST TEST ORGANISMS**

<table>
<thead>
<tr>
<th>Test Organism</th>
<th>Type of Organism</th>
<th>Growth-Free Zone (MM)</th>
<th>Contact Inhibition (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Staphylococcus aureus</td>
<td>Bacterial</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Aspergillus niger</td>
<td>Fungal</td>
<td>0</td>
<td>100</td>
</tr>
</tbody>
</table>

**POPULAR HOUSING STYLES**
- Polymer
  - Pillow blocks
  - Tapped-base pillow blocks
  - 2 and 4 bolt flange bearings
  - Flange brackets
  - Wide slot take-up bearings
- Stainless Steel
  - Pillow blocks
  - Tapped-base pillow blocks
  - Flange brackets
  - Wide and narrow slot take-up bearings
  - 2 and 3 bolt light duty flange
  - 2 and 4 bolt flange bearings
E-Z KLEEN QuadGuard Sealing System

For over 125 years, the DODGE brand has been synonymous with the best the industry has to offer. Bearing users in the food and beverage industry recognize that with DODGE they have access to the best selection of the highest quality mounted ball bearings available in the market.

The DODGE E-Z KLEEN and ULTRA KLEEN bearings for the food and beverage industry offer an array of features that provide extended life in these challenging conditions. DODGE has the only bearings in the industry to offer a patented triple-lip seal with a rubberized flinger, the QuadGuard™ sealing system. These units also include an exclusive ball retainer, the Maxlife™ cage which helps retain lubrication and prevents washout in wet environments.

Combine these features with a complete line of polymer and stainless housing offerings, concentric and adapter mounting options and you have a family of mounted ball bearing products that are unsurpassed in the industry.

### CORROSION-RESISTANT BALL BEARING INSERTS
- New QuadGuard sealing system with stainless
triple-lip seal and rubberized flinger
- Corrosion-resistant inner and outer ring
- Stainless steel balls and lube fitting
- Stainless steel setscrews (SC) and stainless steel cap screw (DLOK)
- 100% Filled with H1, food grade grease
- Relubricable
- Anti-rotation pin
- Patented Maxlife cage extends grease life
- Offered in inch and metric sizes
- Temperature range -20° to +225° F

The QuadGuard seal consists of two patented features that are unique to DODGE bearings and are standard on the E-Z KLEEN and ULTRA KLEEN product.

**Triple-lip seal**
- Patented design
- Mechanically retained seal with two contact points on the inner ring and one that rides against flinger surface
- Three points of contact guard against contamination and keep in lubricants
- Maximizes sealing with minimal increase in drag compared to a single lip design

**Rubberized flinger**
- Industry’s first and only patented design
- Molded rubber provides additional protection from contaminants entering the bearing
- Baffle design of the rubber on the external surface of the flinger enhances the removal of liquid as it rotates
- Extended rubber baffle outer diameter increases centrifugal acceleration to discard moisture and contamination away from bearing
- Grease chambers on the internal surface prevent lubricants from exiting the bearing
- Superior design increases service life in dirty environments thus leading to extended uptime
E-Z KLEEN
Corrosion Resistant Coating

The DODGE E-Z KLEEN ball bearing uses a patented, corrosion resistant coating that is superior to any coated product in the market.

- QuadGuard sealing system
- Maxlife cage
- Corrosion resistant insert has a patented nickel alloy Teflon composite coating
- Offered in setscrew (SC), concentric (D-LOK), and adapter mount (GRIP TIGHT) locking mechanisms
- Available in polymer and stainless housings

The DODGE E-Z KLEEN corrosion resistant (CR) insert outperforms other coatings on the market today such as black oxide, zinc and thin dense chrome (TDC).

Tests have shown that the DODGE CR insert exhibited 300% longer bearing life than a typical TDC coated insert. The CR insert load capacity is not de-rated as compared to stainless inserts.

DODGE offers the CR insert in three patented locking mechanisms.

- Setscrew (SC)
  - 65° stainless set screws provide superior holding force without compromising the strength of the inner ring
  - Stainless anti-rotation pin to prevent insert from rotating in the housing
- Concentric (D-LOK)
  - Concentric locking accomplished with the use of a locking collar and slotted inner ring
  - Eliminates damage to stainless shafting caused by set screws
  - Reduced vibration as compared to set screws
- Adapter Mount (GRIP TIGHT)
  - DODGE-only patented thin wall adapter mount
  - Push/pull adapter mount system provides easy on/easy off installation and removal
  - Built-in bearing puller reduces the time associated with removing bearings from shaft
  - Adapter mount does not damage stainless shafting
  - Interchangeable adapters reduce inventory

NOTE: Instruction manuals and drawings for Dodge Bearings are available on www.dodge-pt.com
FEATURES/BENEFITS

E-Z KLEEN
Maxlife Cage

The Maxlife cage is the product of extensive research and development in retainer technology and industry leading engineering.

- Two-piece design that creates a grease compartment around each of the rolling elements
- Compartments provide constant contact between balls and grease so an oil film will always exist to prevent wear and minimize friction and heat
- Relative motion between the components and the grease is reduced which results in lower operating temperatures and extended life
- Compartmental construction of the cage holds in the grease and prevents it from being washed out in extremely wet conditions
- Exclusive design extends life with less frequency of re-lubrication than standard designs
- Included in both E-Z KLEEN and ULTRA KLEEN products

D-LOK DL

Dodge E-Z KLEEN bearings are available with the D-LOK concentric locking device that provides easy installation and 360° contact with the shaft.

GRIP-TIGHT LOCKING SYSTEM

Full Contact on shaft for better grip, less vibration.

Setscrew locking can distort the inner ring and cause system-induced vibration. But with the DODGE GRIP-TIGHT adapter, the adapter attaches itself to the shaft for full concentric contact - 360° through the length of the bearing. E-Z KLEEN and GRIP-TIGHT use stainless steel adapter sleeve and nut and provides easy-on and easy-off installation and removal.

NOTE: Instruction manuals and drawings for Dodge Bearings are available on www.dodge-pt.com
### E-Z KLEEN-SC, DL, GT; ULTRA KLEEN-SC

<table>
<thead>
<tr>
<th>EZ Kleen-SC, DL, GT Ultra Kleen-SC</th>
<th>End-Cover Capability</th>
<th>Sealing</th>
<th>Retainer</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>End-Cover Groove</td>
<td>Snap-On End Cover</td>
<td>Triple-Lip Seal</td>
</tr>
<tr>
<td>Standard Features</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

#### Housing Capability Stainless

<table>
<thead>
<tr>
<th>Housing Style</th>
<th>204</th>
<th>205</th>
<th>206</th>
<th>207</th>
<th>208</th>
<th>209</th>
<th>210</th>
</tr>
</thead>
<tbody>
<tr>
<td>P2B</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>F2B</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>F4B</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>FB</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>TB</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>NSTU</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>WSTU</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>LF</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>LFT</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

#### Housing Capability Polymer

<table>
<thead>
<tr>
<th>Housing Style</th>
<th>204</th>
<th>205</th>
<th>206</th>
<th>207</th>
<th>208</th>
<th>209</th>
<th>210</th>
</tr>
</thead>
<tbody>
<tr>
<td>P2B</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>F2B</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>F4B</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>FB</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>TB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>NSTU</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>WSTU</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LF</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LFT</td>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** Instruction manuals and drawings for Dodge Bearings are available on www.dodge-pt.com