FEATURES/BENEFITS

Polymer and Stainless Steel Housed Mounted Bearings

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.



New DODGE E-Z KLEEN with solid-based housing



Competitive bearing with cavities and fillings that can trap bacteria

CORROSION-RESISTANT BALL BEARING INSERTS

- Corrosion resistant PROGUARD™ Plus seal with stainless steel flingers
- Corrosion-resistant inner and outer ring
- Stainless steel balls and lube fitting
- Stainless steel set-screws (SC) and stainless steel capscrew (D-LOK)
- FDA/USA approved synthetic lubricant
- Relubricable
- Anti-rotation pin
- Reinforced, stabilized nylon cage
- Offered in inch and metric sizes
- Temperature range -20° to +225° F

THREE SHAFT LOCKING SYSTEMS FROM STOCK

- SC - Two stainless-steel set-screws set 65° apart
- D-LOK - Corrosion resistant concentric collar
- GT-GRIP TIGHT

POPULAR HOUSING STYLES

Polymer	Stainless Steel
• Pillow blocks • Tapped-base pillow blocks • 2- and 4-bolt flange bearings • Flange brackets • Wide slot take-up bearings	• Pillow Block • 2 and 4 bolt flang bearings

RUGGED, SOLID-BASE HOUSING

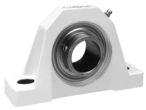
- Manufactured with no cavities and no fillings - no traps for bacteria
- Features anti-microbial polymer that helps prevent bacterial and fungal growth (polymer housing)
- Housing strength exceeds static capacity of bearing
- Designed with stainless steel lube fittings and stainless steel ferrules in 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 open enclosed end closures
- FDA/USDA complaint

Corrosion Resistant Inner And Outer Ring Out Performs Other 400 Series Stainless Steel Precision Hardened And Honed Inner And Outer Rings



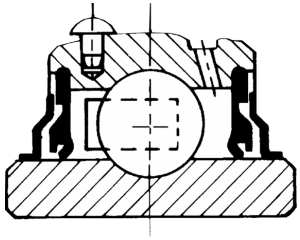
RESULTS OF HOUSING ANTI-MICROBIAL ACTIVITY AGAINST TEST ORGANISMS

TEST ORGANISM	TYPE OF ORGANISM	GROWTH-FREE ZONE (MM)	CONTACT INHIBITION (%)
Staphylococcus aureus	Bacterial	0	100
Aspergillus niger	Fungal	0	100



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DODGE PROGUARD™ PLUS SEAL



Corrosion resistant PROGUARD Plus seal with flingers - a combination contact land-riding seal and labyrinth - keeps lubricants in, contaminants out.



D-LOK DL

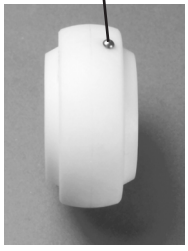
PRECISION-HARDENED AND HONED INNER AND OUTER RINGS

Precision-hardened and honed inner and outer rings for wear resistance, quieter operation, and longer life.

ANTI-ROTATION PIN

Anti-rotation pin prevents rotation of the insert within the housing. Simple and effective, it makes inserts easier to replace.

Stainless Steel Anti-Rotation Pin



POLYMER SLEEVE

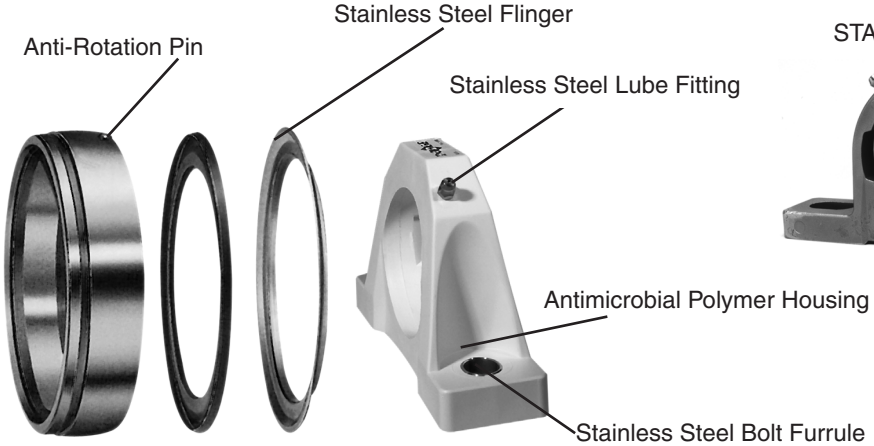
E-Z KLEEN POLYMER HOUSED BEARING WITH POLYMER SLEEVE INSERT



- Targeted for wet, cool and cold-side environments/applications
- Self-lubricating polymer sleeve insert
- All polymer and stainless-steel construction
- Features stainless-steel anti-rotation pin on sphere of insert
- Resist fungus and bacterial growth
- Ensures quiet operation
- Conforms to FDA/USDA specifications
- Offered in both inch and meter sizes

STAINLESS HOUSING





CORROSION RESISTANT PROGUARD PLUS SEAL