FEATURES/BENEFITS

D-LOK™ Ball Bearings

For concentric grip on the shaft and less vibration at higher speeds, specify DODGE D-LOK normal- or medium-duty mounted ball bearings.

These unique, concentric collar bearings are engineered with features that assure you superior holding power with improved concentricity.

Even at high speeds, the D-LOK bearing grips the shaft tighter and more uniformly for less vibration.

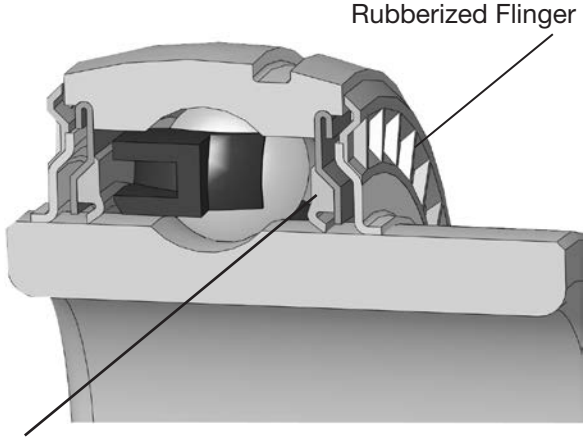
Manufactured at our state-of-the-art, ISO 9002 certified DODGE bearing plant. The new DODGE D-LOK bearing features:

- Precision-hardened and honed inner and outer rings
- New rugged housing design
- Normal-duty wide inner ring
- D-LOK locking mechanism
- DODGE DualGuard positive contact seal including rubberized flingers
- Stronger, flexible ball retainer
- Simplified anti-rotation device
- Wide variety of styles
- 3/4" to 3-7/16" (20 to 70mm) bore sizes
- Electrostatically applied epoxy paint
- Options:
  - Corrosion-resistant inserts
  - FDA/USDA lubricant and other special lubricants
  - High temperature

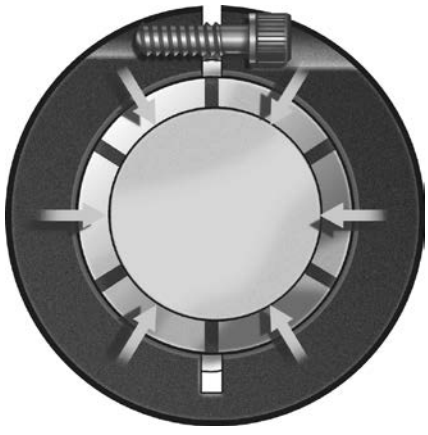
DODGE End Covers

Available from stock to fit DL and DLM mounted units, these end covers are designed for added protection from containments as well as for OSHA requirements. Covers are OSHA yellow.





D-LOK Concentric Clamp Collar



The D-LOK concentric clamp collar, with a single standard hex head cap screw and relief slot, provides greater holding power over competitive products. The collar, installed over the slotted inner ring, locks the bearing on the shaft concentrically without marring or burring and provides a 360° clamping force to the shaft with minimal run out (T.I.R.) for less vibration.

Patent number 5417500

DualGuard Seal

- Mechanically retained single lip seal for added strength
  - Purgeable design
  - Nitrile rubber lip
  - Keeps out contaminants
- Rubberized flinger
  - Dodge-only technology
  - Rubberized flinger provides external protection and discards contaminants as it rotates
  - Molded baffles in flinger act like a paddle wheel to help deflect liquids
  - Molded rubber increases the acceleration rate of the contaminants as they are thrown away from the bearing.

Note: Instruction manuals and drawings for Dodge bearings are available on www.dodge-pt.com

FEATURES/BENEFITS

D-LOK™ Ball Bearings

NON-METALLIC RETAINER



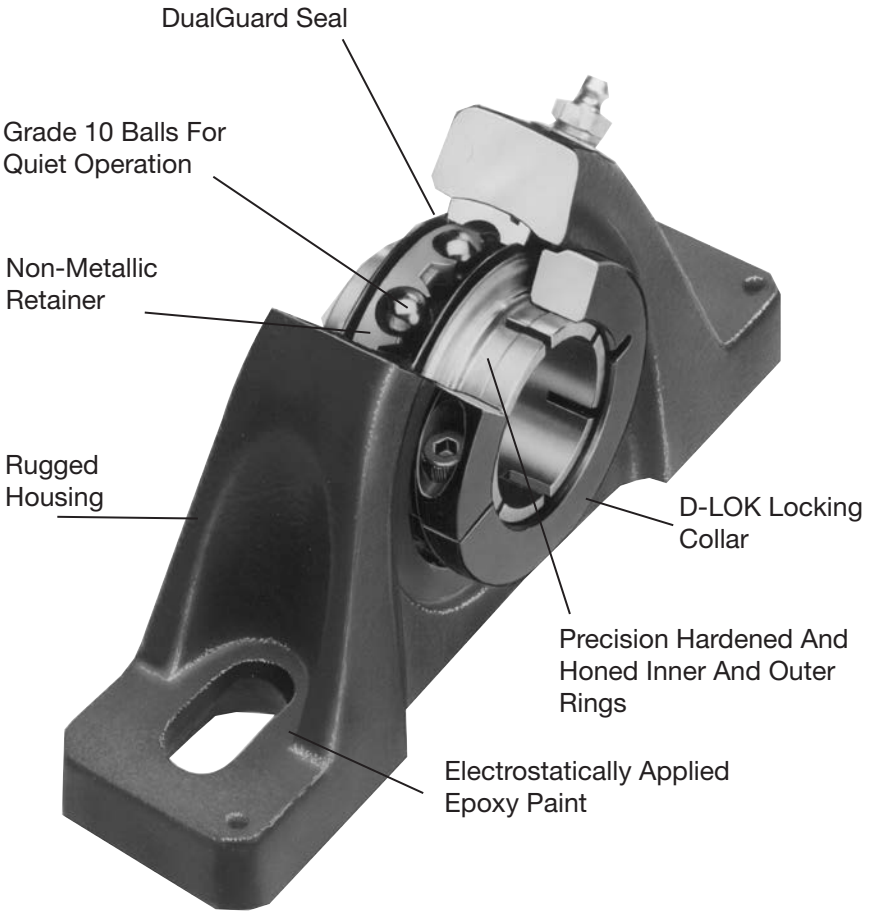
Ball cage is made of heat-stabilized nylon, reinforced with 33% short strand fiberglass. This non-metallic container operates in higher temperatures with less water absorption and retains natural lubricity and flexibility.

ANTI-ROTATION PIN

Anti-rotation pin prevents rotation of the outer ring within the housing.

Simple and effective, it makes system inserts easier to replace. There is no need to remove and replace grease fittings, location pins or other devices.





EXPANSION AND NON-EXPANSION MODELS

A complete series of expansion and non-expansion pillow blocks and bearing inserts are available, these all have the standard features of our D-LOK, plus a specially engineered retainer to meet the operating conditions where these bearings are required.

RUGGED HOUSING DESIGN

Rugged housing design offers added strength. Solid feet are drilled for dowel pins - simplifies installation, alignment.

WIDE VARIETY OF STYLES

Normal Duty

- DL PILLOW BLOCKS
- DLB PILLOW BLOCKS
- DLH-E PILLOW BLOCKS
- DL Tapped Base Pillow Blocks
- DL 2-Bolt Flanges
- DL Flanged Bracket Bearings
- DL 4-Bolt Flanges
- DL Piloted Flanges
- DL Take-Up Bearings
- DL Screw Conveyor Hanger Bearings
- DL Inserts

Medium Duty

- DLM Pillow Blocks
- DLM 2-Bolt Flanges
- DLM 4-Bolt Flanges
- DLM Piloted Flanges
- DLM Take-Up Bearings
- DLM Inserts

IN STOCK NEAR YOU

The complete line of DODGE mounted ball bearings is available at your local authorized DODGE distributor. For more information, check the Yellow Pages for your local distributor, call (864) 297-4800, or fax (864) 281-2318.

Note: Instruction manuals and drawings for Dodge bearings are available on www.dodge-pt.com