FEATURES/BENEFITS

Setscrew Ball Bearings - Inch

For over 70 years, DODGE has been talking to mounted bearing users and listening to their needs. This experience led to design of the optimum mounted ball bearing. A state-of-the-art facility was built in Rogersville, Tennessee, to manufacture the new DODGE design.

The result is the DODGE SC/SCM/VSC/SL line. It is the most current design setscrew mounted ball bearing on the market and provides the user unmatched quality and true total value.

- Light Duty Narrow Inner Ring (SL)
- Intermediate Duty Narrow Inner Ring (VSC)
- Normal Duty Wide Inner Ring (SC)
- Medium Duty Wide Inner Ring (SCM)
- Wide Variety of Housing Configurations
- Available in 1/2, to 3-1/2, Bore Sizes
- Seal options:
  - Flingers on SC/SCM (flingers are standard on E-Z KLEEN® nickel plated and Screw Conveyor Hanger Bearings)
  - Low friction labyrinth on SC/SCM
- Other options:
  - Corrosion resistant inserts for SC/SCM, E-Z KLEEN and nickel plate.
  - FDA/USDA lubricant and other special lubricants
  - High temperature SC/SCM designed for temperatures from 225°F to 400°F. Factory assembled to order.

For application assistance, contact DODGE Engineering.

Phone 864-297-4800
Fax 864-281-2317

Precision Hardened and Honed Inner and Outer Rings for wear resistance, quiet operation and long life.



Grade 10 Balls for quieter operation and less vibration.

Superior Locking Force



The DODGE SC/SCM/VSC/SL line uses 65° spacing for setscrews. The unique 65° design offers an optimum balance between locking force and inner ring stress.



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The DODGE PROGUARD Seal



PROGUARD positive contact, low drag rubber seal

DODGE SC/SCM/VSC/SL mounted ball bearings use the field proven PROGUARD™ land-riding contact seal with steel shield protection. This highly effective positive seal design assures uniform lip contact with the inner ring to seal out contaminants and seal in lubricants.



On SC/SCM optional flingers can be added to form a tight labyrinth with the PROGUARD seal and provide additional seal protection against contaminants and trash.

Stronger, More Flexible Cage



Reinforced, stabilized nylon cage

The ball cage is made of heat stabilized nylon with 33% fill short fiberglass reinforcement for added strength. The nylon material provides a natural lubricity for longer life. Fiberglass reinforcement allows higher operating temperatures than plain nylon, yet is more resistant to fatigue than metallic cages. Short fiberglass allows greater flexibility than steel or nomal fiberglass, especially under misalignment. That means longer life in mounted bearings where some degree of misalignment is unavoidably encountered.

Anti-Rotation Pin (SC/SCM)

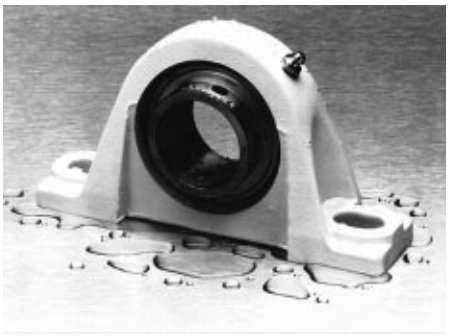
An anti-rotation pin prevents rotation of the outer race within the housing. Simple and effective, it makes system inserts easier to replace. There is no need to remove and replace grease fittings, location pins or other devices.



Simplified Anti-rotation device

DODGE E-Z KLEEN® Ball Bearings

Available with *Teflon*® or nylon coated and nickel/chrome plated housings (SC). These features make the SC ball bearing uniquely suited for the food, chemical and processing industries.



Teflon Coated Housing
U.S. Patents 4973172, 5028151, 5107589, 5074040

Teflon® is a registered trademark of DuPont Co.