



PRODUCT NOTE

Dodge® modified mounted bearings

Solving mounted bearing lubrication issues



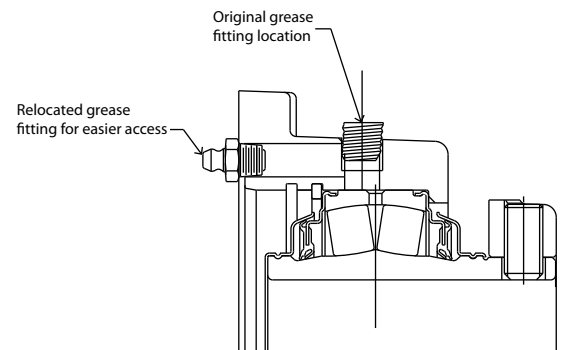
Challenge: Is the location of your mounted bearings inhibiting relubrication?

An OEM was incurring repeated service calls and warranty claims on a flanged roller bearing. Due to the tight location of the bearing, routine relubrication by the equipment user was difficult, so it was often avoided altogether. This resulted in premature bearing failure.

Solution

Dodge was able to relocate the grease fitting on the Dodge mounted bearing to a location more accessible to users. Moving the grease fitting allowed for a safer and more convenient relubrication procedure.

The ability to purge contaminants by adding fresh grease as needed ensured the bearings achieved longer life.



Result

The OEM was able to provide a user friendly feature that lowered costly service calls and warranty claims.

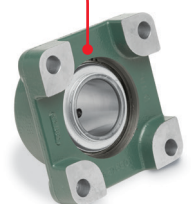
Original grease fitting location.



Standard bearing life	= 6 months
Dodge modified bearing life	= 24 months

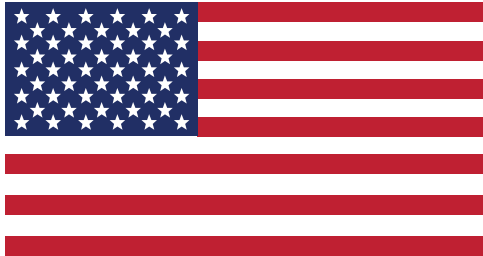
Total savings of \$2,544 per machine/year

Relocated grease fitting location.



Dodge® modified mounted bearings

Mounted bearings that meet your application needs



Local Manufacturing Video

Local manufacturing and customer service

Building Dodge mounted bearings locally, with modification capability, means that you get the bearing you need, when you need it. Being local also means that you get the availability and personal customer service you deserve.

Local sales engineers can work with you to review your specific standard bearing challenges and find the modification required for your specific application.

Dodge application engineering

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Mounted bearing modification capabilities include:



Sealing

- Accommodate high speeds and temperatures
- Minimize drag
- Protect bearings from harsh environments



Lubrication

- Supply specific greases and factory fill rates
- Provide bearings without grease for customer fill
- Plug bearings to reduce maintenance
- Plug bearings to avoid the addition of potentially incompatible grease by customer

Other modifications are available upon application and product review. Multiple modifications within a single unit may also be available.

Application specific mounted bearing modification capabilities include:



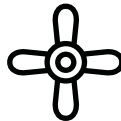
High temperature applications

- Designed especially for use in temperatures ranging from 215° to 400° F.



Low temperature applications

- Designed especially for use in temperatures ranging from -20° to -40° F



Air handling applications

- Specifically designed and tested for high speeds and quiet operation

