

**Moline Bearing's Normal Duty Mounted Ball Bearings consist of a single row deep groove ball bearing and cast iron housings. These are available in wide range of shaft sizes in 2-Bolt Pillow Blocks, 2-Bolt and 4-Bolt Flanges, Piloted Flange and Wide Slot Take-Up units.**

The self-contained bearing with a spherical ground outside diameter is assembled into a corresponding spherical seat of the housing, providing full self-alignment of the bearing in the housing at mounting. Moline's Mounted Ball Bearings are supplied from the factory in shaft-ready condition.

For set screw locking units (UC series), the inner rings of the bearing are through hardened in the raceway, while the extended ring where the set screws are installed is metallurgically mild and softened. This unique heat treatment ensures full bearing performance and prevents the set screws from loosening during operation. Thus, the set screws can be tightened as needed without causing cracks on the inner ring.

Moline's eccentric locking units (HC series) are considered the easiest units to install. These units eliminate the need for loc nuts, washers and adapters. Eccentric units grip the shaft securely and self-tighten. The unit is secured to the shaft by rotating the collar relative to the inner ring. A set screw is supplied to allow supplementary locking and to prevent loosening in case of any sudden reverse action. Eccentric locking units should not be used, however, for bi-directional applications.

We sell these bearings as complete units or as separate components (inserts and housings).

All ball bearing housings come with a standard paint finish. Other coatings such as Nickel plating, Epoxy and Teflon coating are also available. Special machining is also available, please call us at the factory for further information.

These Mounted Ball Bearings are carried in Moline warehouses and distributor stocks throughout the United States and in Canada.

## **FEATURES OF MOLINE NORMAL DUTY MOUNTED BALL BEARINGS**

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- Available in sizes from  $\frac{1}{2}$ " to  $3\frac{7}{16}$ "
- Easy installation and maintenance
- Supplied from factory in shaft-ready condition
- Dimensionally interchangeable with comparable units
- Fully self-aligning
- Standard grease fitting for re-lubrication
- Contact seals are standard
- Wide inner ring for rigidity and more effective set screw locking
- Single piece housings made of Class 30 cast iron
- Operating temperatures up to 200° F
- Housings available in standard painted finish
- Custom colors, Powder Coating, Nickel plating, Epoxy, Teflon and other coatings are available upon request
- Custom machining and design is available
- Available for sale as complete units, inserts and housings