

Pillow Block Bearings

What is the purpose of a Pillow Block Bearing?

Pillow Block Bearings are bearing units that are contained inside a housing unit. The housing provides a rigid and secure positioning while allowing the bearing unit to rotate within a clean contained environment. The housing is bolted to a foundation allowing the outer ring of the bearing to remain stationary while the inner ring rotates. Housed bearings are generally used in light duty applications.

What is the purpose of a Sleeve Bearing?



Sleeve Bearings are simply hollow cylinders used on a shaft to allow the shaft to rotate inside the cylinder. Sleeve Bearings are used primarily as bore reducers.

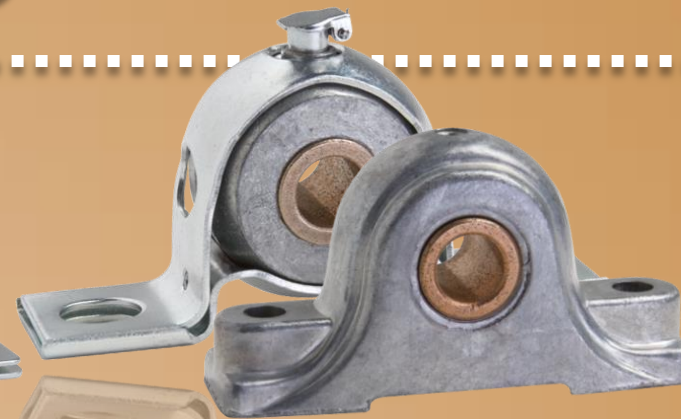
Pillow Block Bearing Applications:

Food Processing Machinery, Conveyors, Material Handling, Belt Drives in HVAC Applications, Textile, Baggage Systems, Medical Processing and various other light duty industrial applications.



Ball

- ✓ Ball bearing units include two set screws used to secure the unit to the shaft for added load support
- ✓ Ball bearing units are encased in a non-conductive, oil resistant rubber liner in steel housing units



Bronze

- ✓ Porous flanged bronze bearing inserts are press-fit in a zinc die cast sphere with a felt strip for lubrication in steel housing
- ✓ In zinc die cast housings, bronze bearing units are press-fit directly inside
- ✓ Both housing styles are equipped with oil hole which allows for lubrication



UHMW-PE

- ✓ UHMW-PE bearings are FDA & USDA approved
- ✓ Self-lubricating bearing resists corrosion and is ideal for harsh or wet environments
- ✓ Ideal for temperature ranges -60° to 180°
- ✓ UHMW-PE solid rigid units are interchangeable with most metal units

Housing Types:

Zinc Die Cast
Non-corrosive & lightweight

Pressed Steel
Two-piece unit with a rust-proof finish

Stainless Steel
Ideal for wet or corrosive environments

UHMW-PE
USDA & FDA approved, impact & abrasion resistant

