

Flange Mount Bearings

What is the purpose of a Flange Mount Bearing?

Flange Mount Bearings are bearing units that are contained inside a housing unit. The housing provides a rigid and secure position 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 most commonly 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.

Flange Mount 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
- ✓ Steel housing units feature bearings encased in a non-conductive, oil resistant rubber liner
- ✓ Zinc die cast housing designs include two or four holes for stability



Bronze

- ✓ Pressed steel housing has a porous flanged bronze bearing insert press-fit in a zinc die cast sphere with a felt strip for lubrication
- ✓ Bearing unit is equipped with a spring-lid oil cap at 45° which can be mounted vertically or horizontally
- ✓ Rubber grommets are used in mounting to reduce noise & vibration



UHMW-PE

- ✓ UHMW-PE bearings are FDA & USDA approved
- ✓ Two-piece housing is stainless steel
- ✓ Self-lubricating bearing resists corrosion and is ideal for harsh or wet environments
- ✓ Ideal for temperature ranges -60° to 180°
- ✓ UHMW-PE solid rigid unit, two or four hole design, and is 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

