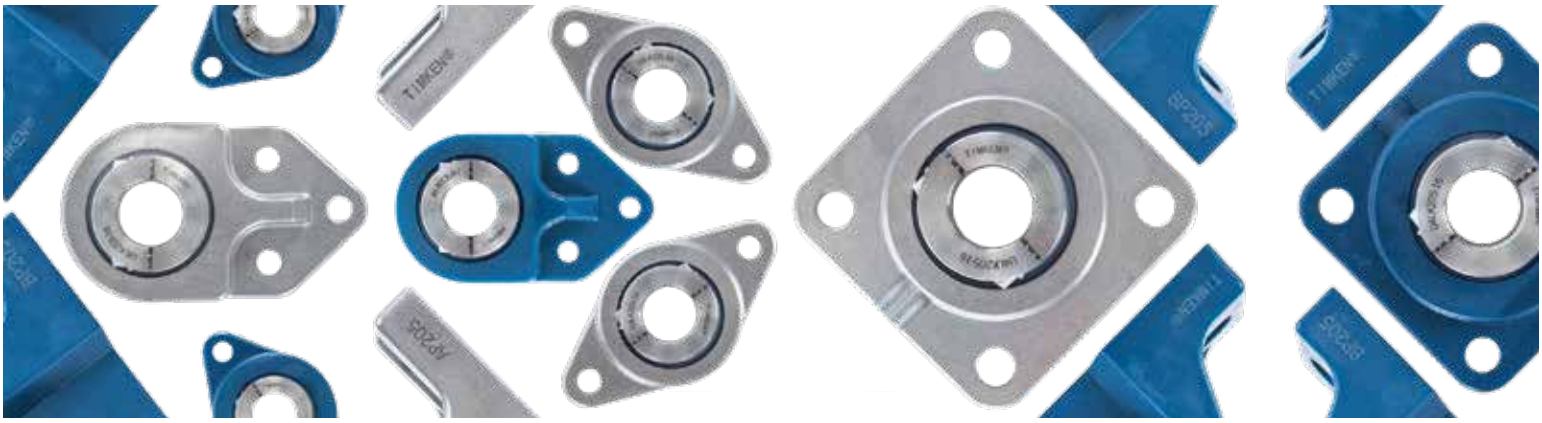
TIMKEN



Timken® Hygienic Poly-Round® Mounted Bearings

Improve uptime and food safety with Timken® Hygienic Poly-Round® Mounted Plain Bearings.

Hygienic Poly-Round® Mounted Plain Bearings stand up to harsh conditions found in the food and beverage industry. Made from corrosion-resistant materials, Hygienic Poly-Round Units are resistant to common chemical and high-pressure washdowns.

Engineered for food safety

Available in optically detectable blue thermoset or stainless steel housings, this design features a solid base, smooth surface and laser marking to improve cleanability. USDA-accepted hygienic housed units also comply with NSF/ANSI/3-A SSI 14159-1 – 2014 requirements.

Durable and easy to clean, lubrication-free Hygienic Poly-Round Mounted Plain Bearings are engineered to meet food safety standards.

A smart solution for food and beverage processing

- Modular belt conveyors
- Dumper pivots
- Horizontal mixers
- Chillers
- Freezers
- Bottling machinery

Product Advantages

- Housings available in optically detectable blue thermoset or stainless steel in all mounting styles
- Thermoset housings are cast to eliminate voids and increase strength
- Greaseless Poly-Round bearing
- Engineered polymer insert eliminates failure due to water ingress and corrosion
- USDA-accepted hygienic housing design
- AISI 316 shaft-locking sleeve with KleanCap™ screws
- Designed for operating temperatures between -40° C and 93° C (-40° F and 200° F)
- Interchangeable industry-standard bearing units from 12 mm to 20 mm (1/2 in. to 3/4 in.)

Consult your Timken representative to select the right configurations for your application.

Gain Solutions That:

Raise Productivity
The greaseless Poly-Round design reduces downtime by eliminating bearing re-greasing and can outperform ball bearings in many applications. Hygienic surfaces make washdowns easier and faster.

Simplify Cleaning
An optional QuiKlean® housing design avoids dead volume between the housing base and machinery, allowing washdown from all sides. Smooth housing surfaces with laser marking allow for effective removal of residue and reduced washdowns.

Help Detect and Reduce Contamination
Optically detectable blue thermoset housings make it easy to identify foreign objects in the food products. Lubrication-free Poly-Round Plain Bearings help lower contamination risks by using fewer components.

Comply with Regulations
Hygienic Poly-Round Mounted Bearings are USDA-accepted and meet NSF/ANSI/3-A SSI-14159-1-2014 requirements. This easy-to-clean design makes the product ideal for HACCP or HARCP positions.

Adapt to Your Applications
Dimensionally interchangeable with most industry-standard bearings, Poly-Round Mounted Plain Bearings offer a wide variety of polymer bearing materials and housing styles to fit your specifications.

Nomenclature

INSERT **HOUSING** **BORE**

NA U4 LK B FL 2 05 - 16

Bearing Material
NA Poly-Round® (Gray)

Poly-Round Insert Style
U4 Poly-Round for use with locking sleeve

Poly-Round Locking Sleeve
LK DoubleLock® sleeve with KleanCap® screws

Housing Material
A Hygienic stainless steel
B Hygienic blue polymer (thermoset)

Housing Type
P Pillow block
FL Two-bolt flange
FB Three-bolt flange
F Four-bolt flange
T Take-up, wide slot
TB Tapped base
TBY Tapped base, Y series design with imperial thread
TBYM Tapped base, Y series design with metric thread

Diameter Series
2 Standard duty

Metric Bore Diameter Code For Cylindrical Bore
04 or higher Bore diameter (mm) = bore diameter code x 5

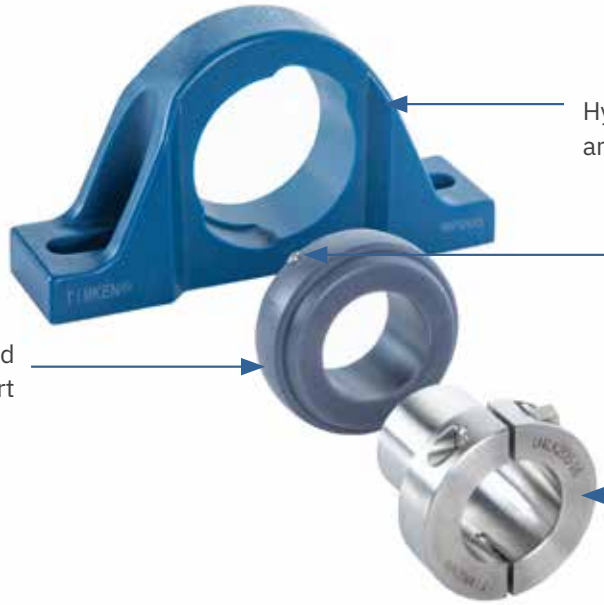
Inch Diameter Code
-8 or higher Bore diameter (in.) = bore diameter code/16

Product Range

Housing Style	Insert Series						
	204	205	206	207	208	209	210
Pillow block (P)	B, A	B, A	B, A	B, A	B, A	B, A	B, A
Two-bolt flange (FL)	B, A	B, A	B, A	B, A	B, A	B, A	B, A
Three-bolt flange (FB)	B, A	B, A	B, A	B, A	B, A	B, A	B, A
Four-bolt flange (F)	B, A	B, A	B, A	B, A	B, A	B, A	B, A
Take-up, wide slot (T)	B, A	B, A	B, A	B, A	B, A	B, A	B, A
Tapped base, Y series design with imperial thread (TBY)	B, A	B, A	B, A	B, A	B, A	B, A	B, A

B - Hygienic Polymer Housing | **A** - Hygienic Stainless Housing

Note: sizes 203 and 211-216 also are available for Poly-Round Inserts and additional housing styles.



TIMKEN

The Timken Company partners with customers to design and manufacture advanced motion technology systems and components for critical end markets including aerospace and defense, power and electrification, and automation and industrial solutions. With more than 125 years of specialized engineering expertise, we power performance across the application lifecycle.

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