TIMKEN



Timken® Corrosion-Resistant Mounted Poly-Round® Plain Bearings

Improve uptime and food safety with Timken corrosion-resistant mounted poly-round plain bearings.

Designed to be corrosion resistant and lubrication free, this product is ideal for applications where sanitation and contamination are critical concerns. Manufacturers in the food and beverage industry can trust our mounted bearings to extend bearing life, improve production uptime and – most importantly – elevate food safety.

Maximize your investment

Our Corrosion-Resistant Mounted Poly-Round® Plain Bearings with greaseless design perform reliably with no need for maintenance – giving you a lower cost of ownership.

A smart solution for food and beverage processing

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



Product Advantages

- Engineered polymer insert eliminates failure due to water ingress and corrosion
- AISI 316 shaft locking sleeve with KleanCap® screws
- Housings available in stainless steel or polymer (thermoplastic) in all mounting styles.
- Interchangeable industry-standard mounted bearing from 12 mm to 20 mm (1/2 in. to 3/4 in.)
- Designed for normal operation between -40° C and 93° C (-40° F and 200° F)
- Greaseless

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

Gain Solutions That:

Increase reliability.
Our mounted bearings are built for long-lasting performance and are well-suited for highly contaminated or wet environments.

Improve food safety.
Mounted Poly-Round Plain Bearings are made from highly corrosion-resistant materials and operate with no lubrication. They are ideal in HACCP positions associated with rust and grease leakage.

Raise productivity,
High-performing products increase your efficiency. Our mounted bearings help reduce the time spent on maintenance, lubrication and washing.

Adapt to your applications.
Corrosion-Resistant Mounted Poly-Round Plain Bearings are interchangeable with most industry-standard bearings. With a wide variety of polymer bearing materials and housing styles available, we have a product to fit your specifications.

Nomenclature

INSERT			HOUSING		BORE			
NA	U4	LK	S	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
S Stainless steel
PL Thermoplastic

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

Diameter Series
2 Standard duty

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

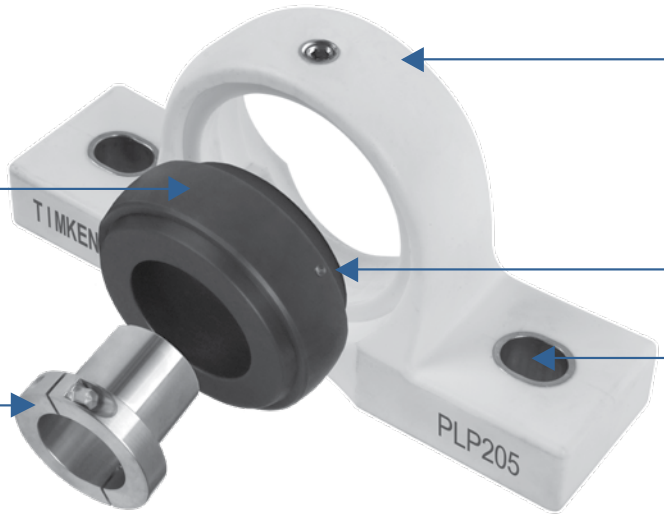
Inch Diameter Code
-8 or higher Bore diameter (in.) = bore diameter code/16

Product Range

Type	Housing Style	Stainless Housing – Insert Series							Polymer (Thermoplastic) Housing – Insert Series						
		204	205	206	207	208	209	210	204	205	206	207	208	209	210
Standard Housings (S, PL)	Pillow block (P)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Two-bolt flange (FL)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Three-bolt flange (FB)	●	●	●	●	●			●	●	●	●			
	Four-bolt flange (F)	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Take-up, wide slot (T)	●	●	●	●	●	●	●							
	Tapped base (TB)	●	●	●	●	●	●	●							
	Tapped base, Y series design with imperial thread (TBY)	●	●	●	●	●			●	●	●	●	●	●	●

● Current offering shown in catalog product tables.

● For product data, price and availability contact your local sales representative.



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.

www.timken.com

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