



## TIMKEN® CORROSION-RESISTANT POLY-ROUND® PLAIN BEARING HOUSED UNITS

### IMPROVE UPTIME AND FOOD SAFETY WITH TIMKEN CORROSION-RESISTANT POLY-ROUND PLAIN BEARING HOUSED UNITS.

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 housed units to extend bearing life, improve production uptime and – most importantly – elevate food safety.

#### MAXIMIZE YOUR INVESTMENT

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

#### GAIN SOLUTIONS THAT:

##### Increase Reliability

Our housed units are built for long-lasting performance and are well-suited for highly contaminated or wet environments.

##### Improve Food Safety

Poly-Round Plain Bearing Housed Units 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 housed units help reduce the time spent on maintenance, lubrication and washing.

##### Adapt to Your Applications

Corrosion-Resistant Poly-Round Plain Bearing Housed Units 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.

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



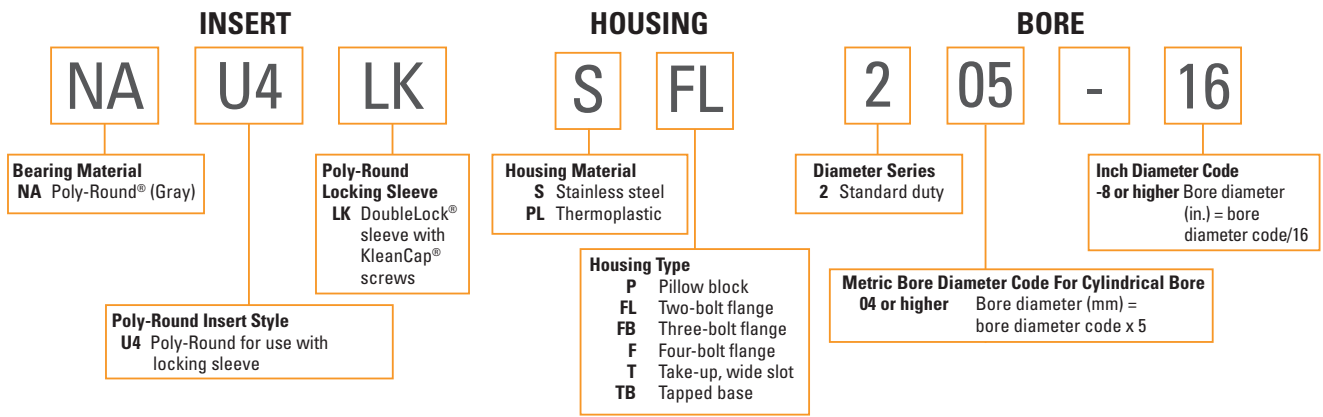
#### PRODUCT ADVANTAGES

- » 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 20 mm to 50 mm (¾ in. to 2 in.)
- » Designed for normal operation between -40° C and 93° C (-40° F and 200° F)
- » Greaseless

#### A SMART SOLUTION FOR FOOD AND BEVERAGE PROCESSING

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

# NOMENCLATURE

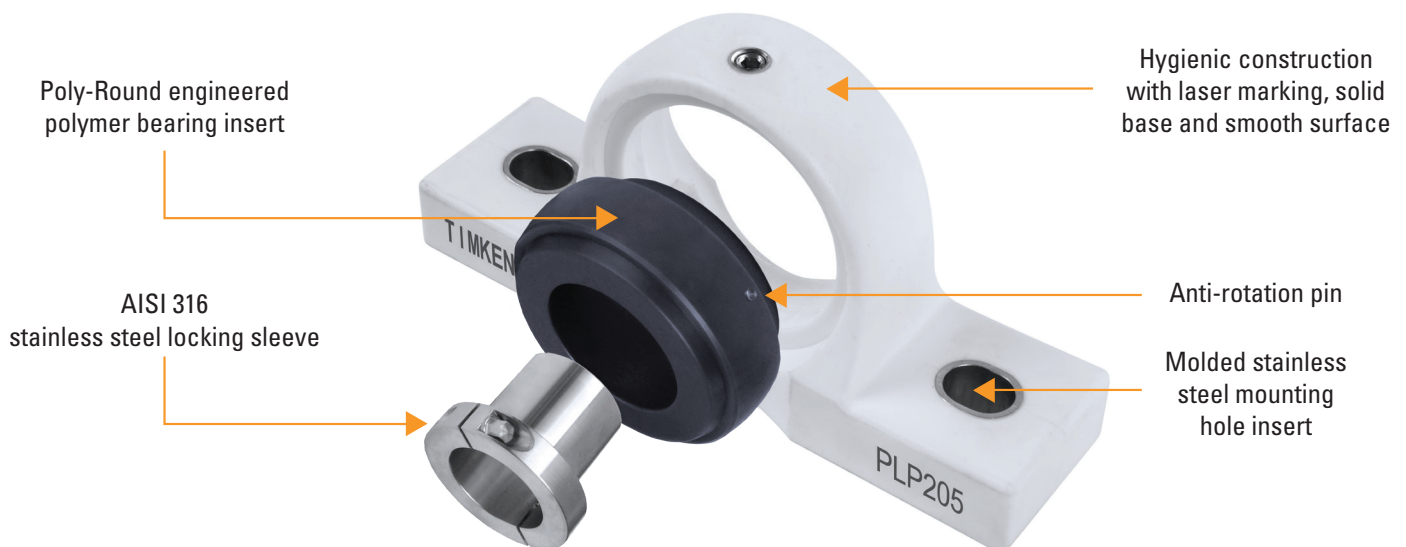


# PRODUCT RANGE

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

**S** - Stainless Housing | **PL** - Polymer Housing

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



# TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related power transmission rebuild and repair services.

**Stronger. By Design.**

[www.timken.com](http://www.timken.com)