



# Sealmaster® PN Gold Mounted Ball Bearings

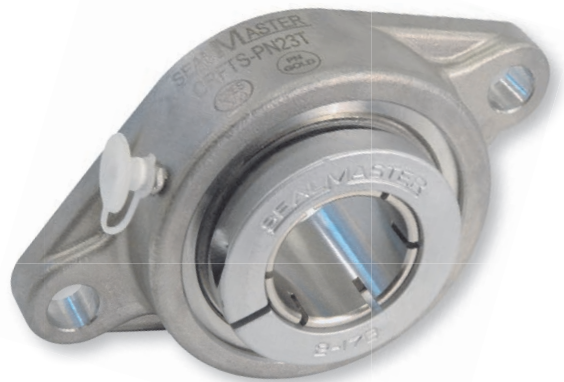
PN Gold bearings feature a high phosphorus, electroless nickel coated steel insert and a patented, multiple lip high performance seal. Specifically engineered for industries with corrosive wash down environments such as food and beverage, pharmaceuticals and chemical processing. The PN Gold mounted ball bearings provide outstanding performance in demanding corrosive environments.

## HIGH STRENGTH COMPOSITE HOUSINGS

- Provides high tensile strength and offers acceptable load capacity
- No dyes or fillers that would reduce housing strength
- Machined base and solid stainless steel bolt ferrules allow for fewer places for bacteria to grow

## STAINLESS STEEL HOUSINGS

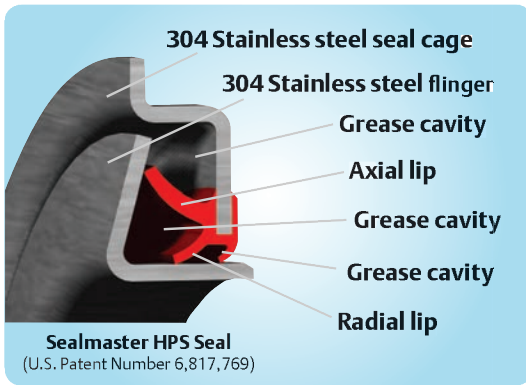
- Machined solid base helps to reduce entrapment points
- Investment cast minimizes pitting providing a smooth easy to clean surface
- 316 passivated stainless steel provides the highest amount of corrosion resistance currently available for stainless steel bearing housings



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## HIGH PERFORMANCE SEAL (HPS)

- Triple lip contact seal design provides multi-directional sealing to minimize contamination ingress and retain lubricant.
- Highly durable, FKM seal lip material provides good chemical resistance and can withstand high temperatures.
- 304 stainless steel shell protects bearing and components from incoming contaminants.
- 304 stainless steel rotating flinger provides a corrosion resistant wear surface for all three lips and shields seal from contamination.

## PN GOLD WITH SKWEZLOC®

- SKWEZLOC locking collar centers the shaft in the bearing bore and secures the shaft with near perfect concentricity.
- Allows for quieter, smoother operation at higher speeds.
- Quickly, easily installed, removed and/or repositioned.
- Helps to protect shaft from scoring and burring.
- Helps reduce out-of- balance vibrational forces and fretting corrosion.



## BACK SIDE SHIELDS AVAILABLE

- Nitrile rubber gaskets reduce bearing moisture contact.
- 304 stainless plates improve assembly strength.
- Drain slots reduce moisture buildup.

**SEALMASTER®**

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### APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and its affiliates with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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## END CAPS AVAILABLE

- Polypropylene material is resistant to corrosion.
- Hand-snaps into housing for easy installation.
- Shielded drain hole reduces moisture buildup.

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