



PIMC BEARING INDUSTRIAL PARKS
YOUR GATEWAY TO SMART MANUFACTURING EXCELLENCE

<http://www.pimc.ltd>

THREE BEARING MANUFACTURING FACTORY MODES

Lighthouse Factory:

This mode focuses on batch production of a single bearing type, employing highly efficient, standardized, and cost-effective production line equipment. This ensures the bearings are competitively priced and perform well in the market.



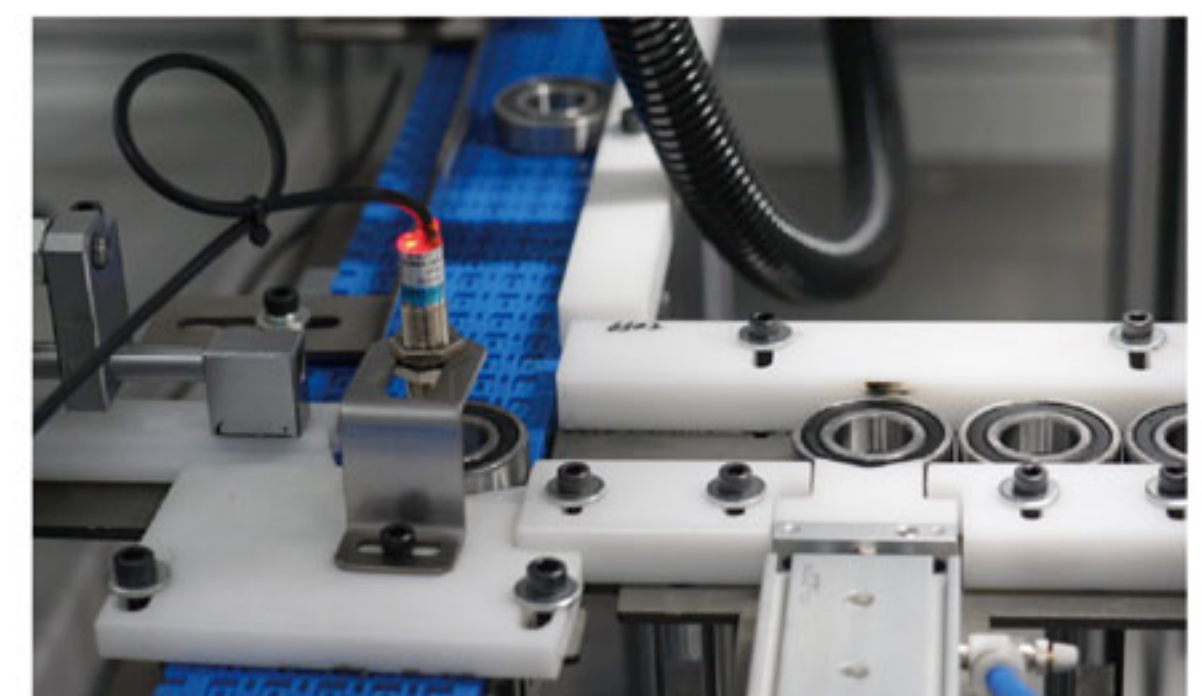
Specialized Factory:

In this mode, PIMC designs and manufactures production line equipment tailored to the quality and process demands of specialized bearings, featuring dedicated lines for specific functions.



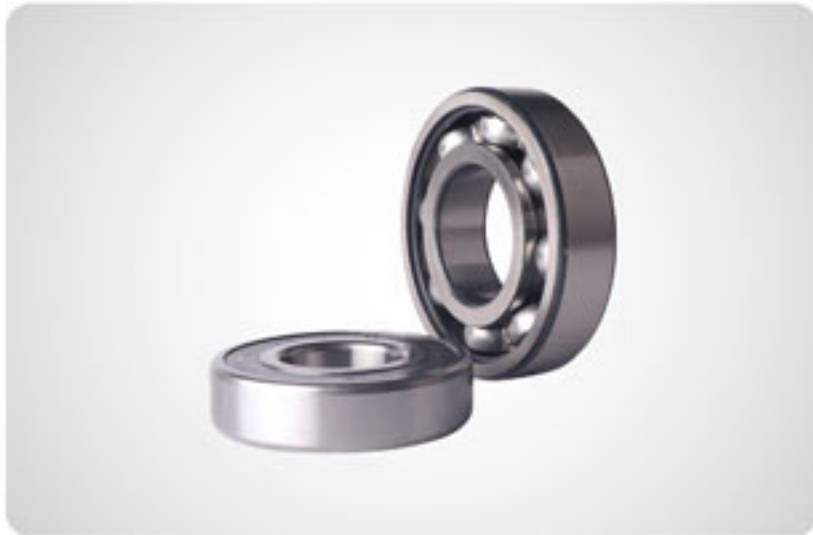
Washing and Testing Factory:

This mode involves acquiring Universal Groove (UG) bearings from other manufacturers and subjecting them to PIMC's washing, testing, greasing, capping, vibration testing, marking, preservation, and packaging processes, as per customer specifications, offering a bespoke bearing production service.



ELECTRICAL APPLIANCES AND POWER TOOLS BEARINGS

We specialize in the production of precision miniature bearings which have industry-leading technical advantages such as quiet operation, high speed, and long life, mainly used in for automobiles, air conditioner, vacuum cleaners, power tools, etc.



HUB BEARING UNITS SERIES

Truck wheel hub bearings >>>

XYYP now mass-produces truck wheel hub bearing for:

- ⊙ DAF series
- ⊙ IVECO series
- ⊙ MAN series
- ⊙ MERCEDES-BENZ series
- ⊙ NEOPLAN series
- ⊙ RENAULT series



Feature

- ⊙ A fully integrated hub bearing system
- ⊙ Excellent fit and longer product life
- ⊙ Pre-adjusting the bearing clearance
- ⊙ Less maintenance required integrated design
- ⊙ New generation wheel bearing for truck and trailer

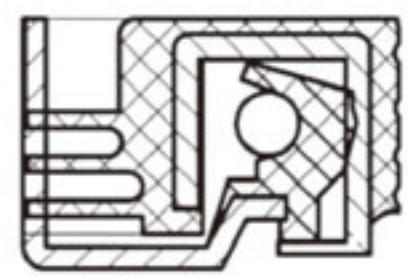
Agri Hub Bearings >>>

Agri Hub Advantage

YP Agri Hub is a fully integrated hub bearing system, greased and sealed for life. Sealed-for-life and relubrication-free, the unit's primary features include:



Eco-zinc coating, contributing to long service life and precision performance



Robust Six-lip seal design that helps extend bearing service life, reducing maintenance and repairs



Double-row deep groove ball bearing, enabling a higher carrying capacity compared to conventional one-row designs

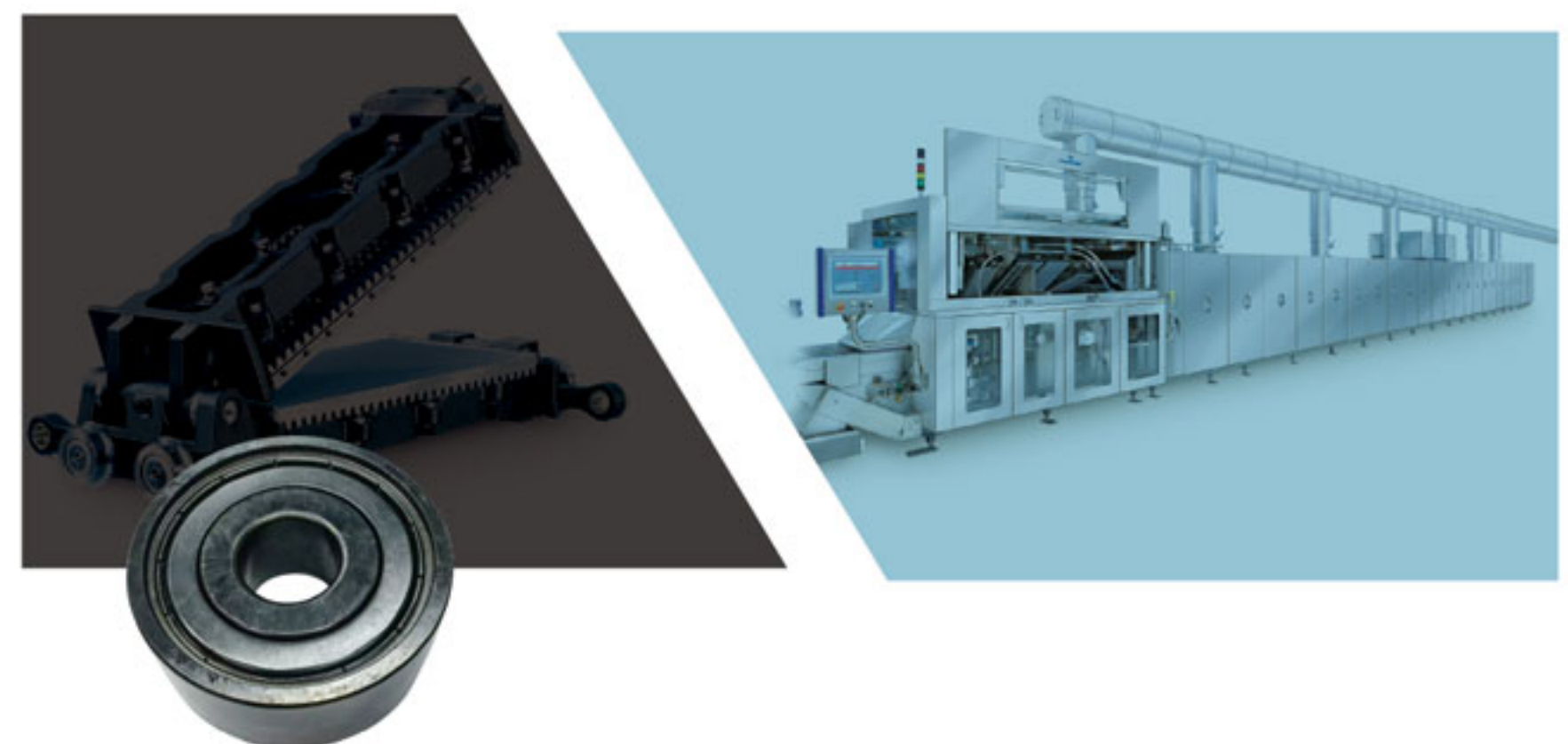
YP high-temperature food grade bearings are used for:

YP high temperature bearings incorporate a graphite-based lubrication that continuously lubricate the bearing, eliminating the use of grease and oil. Ideal for applications in industries such as food and beverage.

Feature

- ⊙ No need for relubrication
- ⊙ Simple replacement
- ⊙ High Operating temperature
- ⊙ Protection against contamination

<<< YP High Temperature Food Grade Bearings



MINIATURE BEARINGS

The products are widely used in high-end fields such as push rod motors, automotive component motors, DC brushless motors, outer rotor motors, power tools, fitness equipment, etc.



NON-STANDARD BEARINGS


Used in mechanical equipment, electronic instruments, electric vehicle charging piles, photovoltaics, food, medical, aviation, automotive, motorcycles, dust collector, servo motor, stepping motor, spinning machine, etc.





SPECIAL MINIATURE BEARINGS


Special miniature bearings are widely used in various drones, radio-controlled model cars, model ships, model trains, EV charging piles and 5G mobile transmission devices etc .





68/2.5ZZ	Bearing parameters	
	Internal diameter	2.5 mm
	External diameter	6 mm
	Width	2.6 mm
	Rated dynamic load (Cr) (N)	206
	Rated static load (Cor) (N)	73


692ZZTN	Bearing parameters	
	Internal diameter	2 mm
	External diameter	6 mm
	Width	3 mm
	Rated dynamic load (Cr) (N)	330
	Rated static load (Cor) (N)	98


MR74ZZ	Bearing parameters	
	Internal diameter	4 mm
	External diameter	7 mm
	Width	2.5 mm
	Rated dynamic load (Cr) (N)	255
	Rated static load (Cor) (N)	107


682/682ZZ	Bearing parameters	
	Internal diameter	2 mm
	External diameter	5 mm
	Width	1.5 mm
	Rated dynamic load (Cr) (N)	169
	Rated static load (Cor) (N)	50


693ZZ	Bearing parameters	
	Internal diameter	3 mm
	External diameter	8 mm
	Width	4 mm
	Rated dynamic load (Cr) (N)	560
	Rated static load (Cor) (N)	179


MR85ZZ	Bearing parameters	
	Internal diameter	5 mm
	External diameter	8 mm
	Width	2.5 mm
	Rated dynamic load (Cr) (N)	278
	Rated static load (Cor) (N)	131


683ZZ	Bearing parameters	
	Internal diameter	3 mm
	External diameter	7 mm
	Width	3 mm
	Rated dynamic load (Cr) (N)	310
	Rated static load (Cor) (N)	111


694ZZ	Bearing parameters	
	Internal diameter	4 mm
	External diameter	11 mm
	Width	4 mm
	Rated dynamic load (Cr) (N)	960
	Rated static load (Cor) (N)	345


MR95ZZ	Bearing parameters	
	Internal diameter	5 mm
	External diameter	9 mm
	Width	3 mm
	Rated dynamic load (Cr) (N)	430
	Rated static load (Cor) (N)	168

684ZZ	Bearing parameters	
	Internal diameter	4 mm
	External diameter	9 mm
	Width	4 mm
	Rated dynamic load (Cr) (N)	545
	Rated static load (Cor) (N)	182

MR62ZZ	Bearing parameters	
	Internal diameter	2 mm
	External diameter	6 mm
	Width	2.5 mm
	Rated dynamic load (Cr) (N)	330
	Rated static load (Cor) (N)	98

MR106ZZ	Bearing parameters	
	Internal diameter	6 mm
	External diameter	10 mm
	Width	3 mm
	Rated dynamic load (Cr) (N)	495
	Rated static load (Cor) (N)	218

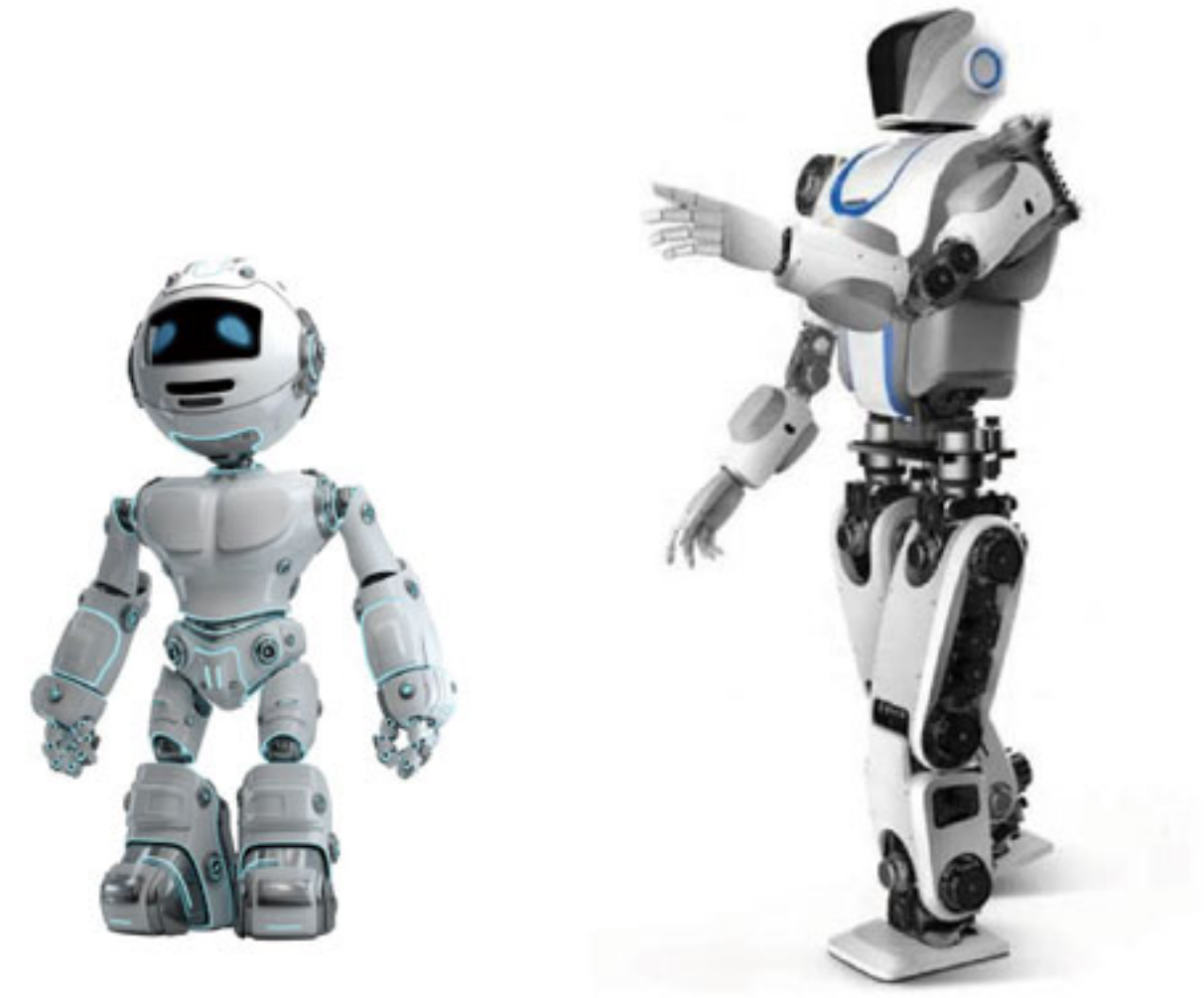
685ZZ	Bearing parameters	
	Internal diameter	5 mm
	External diameter	11 mm
	Width	5 mm
	Rated dynamic load (Cr) (N)	609
	Rated static load (Cor) (N)	226

MR63ZZTN	Bearing parameters	
	Internal diameter	3 mm
	External diameter	6 mm
	Width	2 mm
	Rated dynamic load (Cr) (N)	208
	Rated static load (Cor) (N)	74



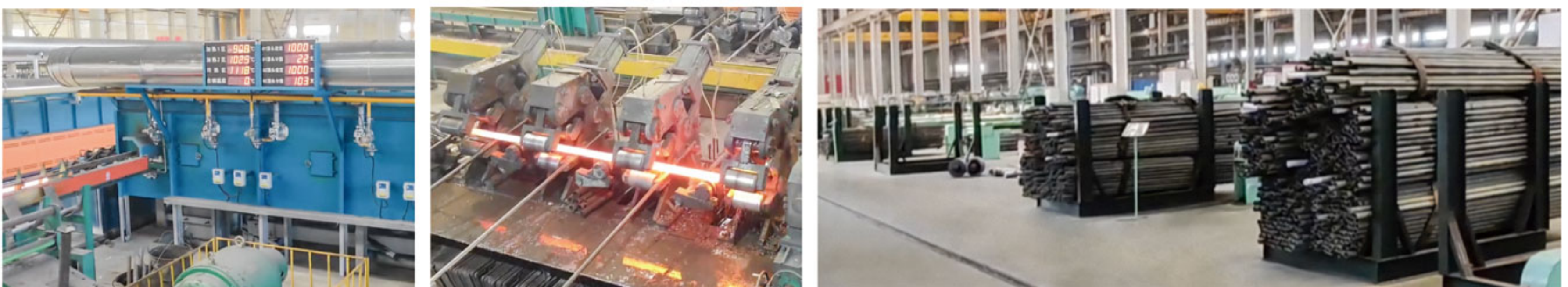
ROBOT BEARINGS

Thin-walled bearings with load-bearing surfaces and cross cylindrical roller bearings, as well as harmonic reducer bearings, linear bearings, joint bearings, etc., suitable for the joint or rotating parts of robots, rotating worktables of machining centers, rotating parts of robotic arms, precision rotating worktables, medical instruments



STEEL TUBES, ETC.

The products mainly provide the bearing industry with high-quality, high-precision, long-life bearing steel tubes, used for manufacturing bearing rings.





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Watch videos



Contact Information