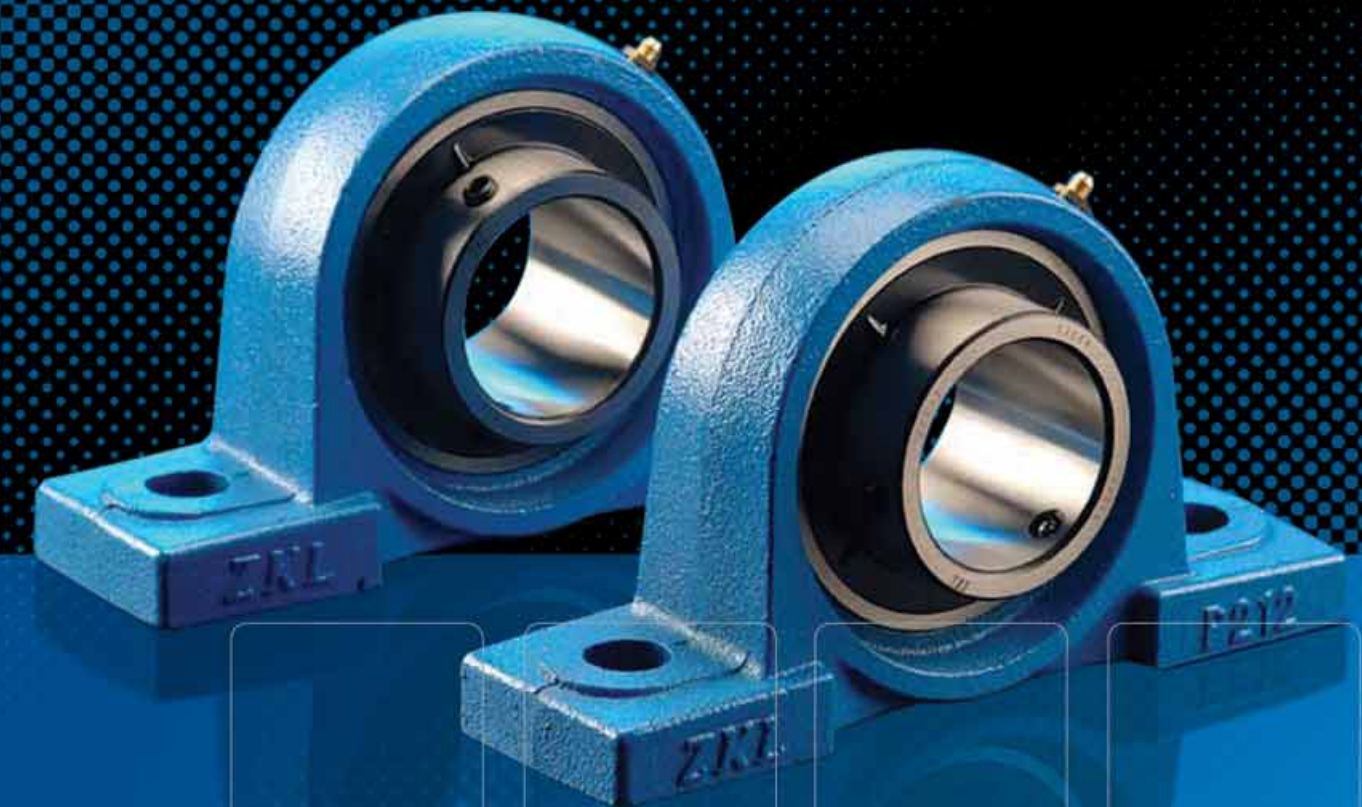




## ZKL Unit Bearings

New Range. Better Performance. Wider Application



### Opt for ZKL Unit Bearings Today!

ZKL continues to expand and improve its range of international class, precision engineered high-performance, high-on-reliability bearings – so you and your facility can perform better and more profitably.

Make ZKL your preferred Brand.

ZKL guarantees Best Returns on Your Trust.



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### Consider the source

ZKL (India) Limited has always been an authentic source for rugged, reliable, high-performance, world-class Bearings & Accessories.

ZKL Bearings offers you the competitive edge because they are produced by the best and proven production technologies available today which ensure outstanding features and long, efficient and trouble-free performance parameters.

### Introducing ZKL Unit Bearings

Today's bearings are facing challenges that their predecessors couldn't have imagined. New products, increasingly sophisticated, high-speed precision machinery, new technologies, faster processes, more stress, heavier loads, longer hours of operation – it goes on.

### enter ZKL Unit Bearings

new generation, deep-grooved ball bearings, sealed on both sides – the solution for today's demand for fail-safe high performance applications.

### Characteristics of ZKL Unit Bearings

- ZKL Unit Bearings are self-aligning in their housings, which compensates for any misalignment of housing or shaft during installation.
- ZKL Units are easily adaptable to simple or complex bearing arrangements.
- ZKL Unit Bearings deliver smooth and efficient performance even in arduous operating environments and conditions.
- ZKL Unit Bearings are engineered to close tolerances from tough and tested steels and machined to enhance working life.

### ZKL Units are highly adaptable

The ZKL Unit Bearing series is available in different dimensions and vary in the ways in which the inner ring is extended and by the method used to locate the bearing on the shaft.

Different means are available for metric and inch shaft – grub (set) screw locking; eccentric locking collar with grub (set) screw; adapter sleeves; location by interference fit etc.

All ZKL Unit Bearings are sealed on both sides with rubbing seals and are supplied ready-greased with lithium-based and non-toxic lubricants which exhibit good anti-rust properties and temperature tolerances of – 30 degree to + 110 degree Celsius.

Careful attention has been paid to sales, dimensions, tolerances, internal clearance, cages, speed ratings, shaft load bearing capacity, axial and dynamic load bearing capacity, mounting and maintenance factors – to ensure best and consistent results.

### APPLICATION ADVANTAGE

ZKL Unit bearings are the right choice for application across a spectrum of machinery / industries:

Application Area	ZKL Unit Advantage
Automated Warehousing storage, transfer, conveyor systems (belt / circular)	Labour saving efficiency & control
Textile machinery (carpet lamination etc.)	Labour saving rationalization & speed
Packing machinery (Various types – from power transmission gear to conveyors)	Reduction in human component, savings in time, costs - higher efficiency
Construction machinery	Delivers outstanding performance in adverse environments (dirt, dust, shock, vibration, abrasion etc.)
Heat Treatment Furnace	Freely movable bearing can accommodate thermal expansion of shaft and can withstand extreme temperatures
Agricultural machinery	Completely sealed against severe environments (mud, moisture, dust, debris etc.)
Pollution Control Equipment	Ensures reliable operation across the huge and growing range of equipment
Noodle-making / Food Processing equipment sealed	Smooth rotation, non-toxic grease / lubrication, fully sealed
Cold drink production machinery	Complete sealing allows partial submersion and high exposure to moisture and high temperatures / steam etc.

