

## Pillow Block Bearings

UEP LEP UYP LYP Series Pillow Block Bearings- 

Model الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

الأبعاد 

د الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

A الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

A1 الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

A2 الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

H الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

إل الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

ي الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

Da الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

ن الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

Load capacity (kN)

Axial الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

Radial الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

Fig. الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

Mass

كلغ الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

# UEP LEP UYP LYP Series Standard Two-Bolt Pillow Block Bearing UEP LEP UYP LYP Cast Iron Medium Base Concentric Eccentric Insert Bearing For General Agricultural Conveyor Packaging Light Industrial Machinery

## UEP LEP UYP LYP Series Pillow Block Bearings Technical Specification

| Comparison Item         | UEP (Concentric Split Collar Standard Pillow Block) | LEP (Dual Extended Eccentric Triple Mud Seal Standard Pillow Block) | UYP (Single Extended Eccentric Medium Standard Pillow Block) | LYP (Economical Single Extended Eccentric Standard Pillow Block) |
|-------------------------|-----------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------------|
| Matching Insert Bearing | UE Concentric Split Collar Insert                   | LE Double-Side Extended Inner Single Eccentric Insert               | UY Single-Side Extended Inner Single Eccentric Insert        | LY Economical Single-Side Extended Inner Single Eccentric Insert |

## UEP-LEP-UYP-LYP-Series-Pillow-Block-Bearings

| <b>Comparison Item</b>      | <b>UEP (Concentric Split Collar Standard Pillow Block)</b>                           | <b>LEP (Dual Extended Eccentric Triple Mud Seal Standard Pillow Block)</b>            | <b>UYP (Single Extended Eccentric Medium Standard Pillow Block)</b>    | <b>LYP (Economical Single Extended Eccentric Standard Pillow Block)</b>  |
|-----------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Housing Feature             | Standard medium-width cast iron P base, universal general-purpose housing            | Standard P base with reinforced inner bore, fits heavy eccentric insert               | Standard universal P base, balanced size & medium load capacity        | Simplified standard P base, lowest cost general pillow block housing     |
| Inner Ring Structure        | Standard wide inner ring, no extension                                               | Symmetric double-side wide extended inner ring                                        | Single-side wide extended inner ring                                   | Simplified single-side extended inner ring                               |
| Locking Mechanism           | 360° full circumferential split collar, uniform clamping force                       | Single eccentric collar, maximum contact anti-slip area under vibration               | Single eccentric collar, medium anti-slip friction torque              | Single eccentric collar, basic economical locking structure              |
| Standard Seal               | SL double-lip reinforced NBR with steel anti-dust flinger                            | 3S triple-lip ultra heavy mud seal + outer anti-mud slinger                           | SL double-lip dust & light mud reinforced seal                         | SL lightweight double-lip dust-proof seal                                |
| Grease Nipple               | Single side grease fitting                                                           | Dual-side full coverage grease nipples for full raceway lubrication                   | Single grease nipple                                                   | Single simplified grease nipple                                          |
| Rotation Adaptation         | Bidirectional, frequent forward-reverse, medium-high speed medium load               | Only unidirectional, severe mud/straw heavy vibration outdoor farm/construction       | Only unidirectional, semi-outdoor dry grain medium vibration transport | Only unidirectional, indoor dry light-medium load, strict budget control |
| Anti-Slip Grade             | Excellent, zero shaft indentation or scratch                                         | Top-tier heavy vibration anti-loosening performance                                   | Good medium vibration anti-slip capacity                               | Basic economical anti-slip performance                                   |
| Typical Working Environment | Bidirectional fans, packaging medium conveyors, general gearboxes, textile machinery | Combine harvesters, stone conveyors, outdoor grain drying heavy single rotation lines | Dry grain transport, semi-outdoor medium agricultural machinery        | Indoor packaging, light woodworking, small indoor drying conveyors       |
| Cost Level                  | Medium-High                                                                          | Medium                                                                                | Medium-Low                                                             | Lowest standard P base pillow block unit                                 |
| Interchange Reference       | FYH UEP / NTN UEP concentric standard pillow block units                             | FYH YELP / NTN AELP triple mud seal eccentric pillow blocks                           | FYH SAP / NTN UYP single eccentric standard pillow blocks              | Economical LS/SA standard P base pillow block assemblies                 |

### Series Naming Rule Explanation

1. Suffix P = Standard medium-width two-bolt pillow block housing (universal general base, balance of load capacity & size, between slim N narrow base and heavy G deep base)
2. Middle code = Insert bearing locking & inner ring structure

- EP (UEP) = UE concentric split collar insert (wide inner ring, 360° uniform clamping, bidirectional rotation)
- EP (LEP) = LE double-side symmetric extended inner single eccentric insert (triple heavy mud seal, unidirectional muddy outdoor sites)
- YP (UYP) = UY single-side extended inner single eccentric insert (double-lip reinforced seal, medium vibration unidirectional)
- YP (LYP) = LY economical single-side extended inner single eccentric insert (light dust seal, budget light-medium load indoor equipment)

Full complete unit codes:

- UEP = UEP Series (UE concentric split collar insert + standard P pillow block housing)
- LEP = LEP Series (LE dual extended eccentric insert + standard P pillow block housing)
- UYP = UYP Series (UY single extended eccentric insert + standard P pillow block housing)
- LYP = LYP Series (LY economical single extended eccentric insert + standard P pillow block housing)

## FAQ

### **Q1: Can you provide custom bearings?**

Yes, we support OEM and custom production based on your drawings, samples, or technical requirements.

### **Q2: What is the delivery time?**

Standard models: 7-15 working days. Custom products: depending on specifications and order quantity.

Why Choose GQZ Bearing

### **Q3: 25+ years experience in industrial bearing manufacturing and export?**

Exported to 50+ countries worldwide with reliable logistics

## UEP-LEP-UYP-LYP-Series-Pillow-Block-Bearings

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Stable supply capacity for long-term cooperation

We focus on quality, reliability, and long-term partnership with every customer.

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