

## Pillow Block Bearings

UEP LEP UYP LYP Series Pillow Block Bearings- 

Model UEP 203 2S

Размеры (мм)

d 17

A 17.9

A<sub>1</sub> 2A<sub>2</sub> 7

H 49

L 81

J 59

Da 63

N 7.1

Load capacity (kN)

Axial 2.5

Radial 1.2

Fig. 1

Mass

(кг) 0.15

# 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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