

Pillow Block  
Bearings  
UEG LEG UYG  
LYG LKG+H  
Series Pillow  
Block Bearings-



WUXI GUANGQIANG BEARING TRADE CO.,LTD



Model LEG 205 2F

Dimensions (mm)

|                |      |
|----------------|------|
| d              | 25   |
| A              | 29.5 |
| A <sub>1</sub> | 27   |
| A <sub>2</sub> | 7    |
| A <sub>3</sub> | 6    |
| Da             | 70   |
| J              | 90   |
| J <sub>1</sub> | 63.6 |
| L              | 115  |
| N              | 12   |
| Fig.           | 2    |

Mass

kg 0.98

**UEG LEG UYG LYG LKG+H Series Deep G Base Pillow Block Bearing UEGP LEGP UYGP LYGP LKGP+H Thickened Heavy Cast Iron Two-Bolt Pillow Block Concentric Eccentric Tapered Bore Insert Bearing For Heavy Agricultural Conveyor Construction Machinery**

**UEG LEG UYG LYG LKG+H Series Pillow Block Bearings Technical Parameter**

# UEG-LEG-UYG-LYG-LKGH-Series-Pillow-Block-Bearings

| Comparison Item             | UEG (Concentric Split Collar Deep Base Pillow Block)                                          | LEG (Dual Extended Eccentric Triple Mud Seal Deep Base Pillow Block)             | UYG (Single Extended Eccentric Medium Heavy Deep Base Pillow Block)         | LYG (Economical Single Extended Eccentric Deep Base Pillow Block)  | LKG+H (Tapered Bore + H Sleeve Deep Base 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   | UK 1:12 Tapered Bore Insert + H Adapter Sleeve                                   |
| Housing Feature             | G deep thickened ductile cast iron, thick wall, anti-impact, vibration damping                | G reinforced ultra-deep heavy housing, anti-crack for outdoor mud sites          | G standard deep heavy base, balanced shock resistance & cost                | G simplified deep heavy base, cost-saving heavy load design        | G universal deep heavy 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                         | Tapered 1:12 inner bore, no extension                                            |
| Locking Mechanism           | 360° full circumferential split collar, uniform clamping                                      | Single eccentric collar, maximum contact anti-slip area                          | Single eccentric collar, medium anti-slip friction                          | Single eccentric collar, basic economical locking                  | Tapered bore + H sleeve interference fit                                         |
| Standard Seal               | SL double-lip reinforced NBR with steel anti-dust slinger                                     | 3S triple-lip ultra heavy mud seal + outer anti-mud slinger                      | SL double-lip dust & light mud seal                                         | SL lightweight double-lip dust-proof seal                          | SL double-lip general dust & coolant seal                                        |
| Grease Nipple               | Single side grease fitting                                                                    | Dual-side full coverage grease nipples                                           | Single grease nipple                                                        | Single simplified grease nipple                                    | Single side grease fitting                                                       |
| Rotation Adaptation         | Bidirectional, frequent forward-reverse, high speed heavy load                                | Only unidirectional, severe mud/sludge heavy vibration outdoor equipment         | Only unidirectional, semi-outdoor medium heavy grain conveyor               | Only unidirectional, indoor dry heavy load, strict cost control    | Bidirectional rotation, polished smooth unthreaded transmission shafts           |
| Anti-Slip Grade             | Excellent, zero shaft indentation & scratch                                                   | Top-tier heavy vibration anti-loosening performance                              | Good medium-heavy vibration anti-slip                                       | Basic economical anti-slip capacity                                | Uniform circumferential clamping, no shaft surface damage                        |
| Typical Working Environment | Heavy bidirectional industrial fans, heavy packaging long conveyors, high-vibration gearboxes | Severe mud, straw, sand, rain exposure combine harvesters, stone heavy conveyors | Dry grain heavy transport, semi-outdoor medium agricultural heavy machinery | Indoor dry heavy packaging, light dry construction heavy conveyors | Polished smooth unthreaded shafts, precision printing/textile heavy transmission |

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|-----------------------|--------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------|---------------------------------------------------------------|
| Cost Level            | Medium-High                                            | Medium                                                               | Medium-Low                                                          | Lowest heavy-duty deep base unit                                  | Medium-High (additional H sleeve cost)                        |
| Interchange Reference | FYH UEP-D / NTN UED concentric deep pillow block units | FYH YELP-D / NTN AELD triple mud seal deep pillow blocks             | FYH SAP-D / NTN UYDP single eccentric deep pillow blocks            | Economical LS/SA deep base heavy pillow block assemblies          | SKF UKP+H-D / NTN UKDP+H tapered bore deep pillow block units |

### Series Naming Rule Explanation

- Suffix P = Pillow Block; G = Deep thickened heavy-duty reinforced housing (thicker wall, higher shock resistance, larger load capacity vs standard P light base)
- Middle code stands for insert bearing locking structure:
  - EG (UEG) = UE concentric split collar insert (wide inner ring, 360° uniform clamping, bidirectional rotation)
  - EG (LEG) = LE double-side extended inner single eccentric insert (triple heavy mud seal, unidirectional severe muddy sites)
  - YG (UYG) = UY single-side extended inner single eccentric insert (double-lip seal, medium vibration unidirectional)
  - YG (LYG) = LY economical single-side extended inner single eccentric insert (light dust seal, budget light-medium heavy load)
  - KG+H (LKG+H) = UK tapered 1:12 bore insert + H split adapter sleeve (smooth unthreaded shaft, no shaft scratch)

Complete full unit codes:

- UEGP = UEG Series (UE concentric insert + G deep heavy pillow block housing)

- LE GP = LEG Series (LE dual extended eccentric insert + G deep heavy pillow block housing)
- UY GP = UYG Series (UY single extended eccentric insert + G deep heavy pillow block housing)
- LY GP = LYG Series (LY economical single extended eccentric insert + G deep heavy pillow block housing)
- LK GP+H = LKG+H Series (UK tapered bore insert + H sleeve + G deep heavy 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.

### **Q3: Looking for a reliable agricultural bearing supplier?**

Send your inquiry to get:

Fast quotation within 24 hours

Technical support from experienced engineers

Custom solution suggestions for your application

Competitive factory-direct pricing

Click Send Inquiry or contact us now to discuss your bearing requirements.

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