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

| Model | LYG 209 2F |
|---|---|
| Dimensões (mm) | |
| d | 45 |
| A | 44.9 |
| $A_1$ | 38 |
| $A_2$ | 14 |
| $A_3$ | 12 |
| Da | 105 |
| J | 132 |
| $J_1$ | 93.3 |
| eu | 160 |
| N | 16 |
| Fig. | 4 |
| Mass | |
| kg | 2.76 |

# 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

| 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) |
|---|---|---|---|---|---|

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|---|---|---|---|---|---|
| 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

1. Suffix P = Pillow Block; G = Deep thickened heavy-duty reinforced housing (thicker wall, higher shock resistance, larger load capacity vs standard P light base)

2. 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)

- LEGP = LEG Series (LE dual extended eccentric insert + G deep heavy pillow block housing)
- UYGP = UYG Series (UY single extended eccentric insert + G deep heavy pillow block housing)
- LYGP = LYG Series (LY economical single extended eccentric insert + G deep heavy pillow block housing)
- LKGP+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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