Pillow Block Bearings
UES LES UYS LYS Series Pillow Block Bearings-

WUXI GUANGQIANG BEARING TRADE CO.,LTD

| Model LKS 211 2F + H2311 | |
|---|---|
| Dimensions (mm) | |
| d | 55 |
| A | 60 |
| $A_1$ | 40 |
| H | 125.5 |
| $H_2$ | 63.5 |
| $H_1$ | 24 |
| Jmin | 163 |
| Jmax | 180 |
| L | 219 |
| N | 20 |
| $N_1$ | 27.5 |
| $S_1$ | 32.5 |
| Fig. | 6 |
| Mass | |
| kg | 3.75 |

# UES LES UYS LYS Series Short Low S Base Pillow Block Bearing UESP LESP UYSP LYSP Cast Iron Short Two-Bolt Low Center Height Concentric Eccentric Insert Bearing For Compact Mini Agricultural Conveyor Packaging Narrow Frame Light Machinery

## UES LES UYS LYS Series Pillow Block Bearings Technical Parameter

| Comparison Item | UES (Concentric Split Collar Short S Pillow Block) | LES (Dual Extended Eccentric Triple Mud Seal Short S Pillow Block) | UYS (Single Extended Eccentric Medium Short S Pillow Block) | LYS (Economical Single Extended Eccentric Short S 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 |
| Housing Feature | S short low slim cast iron, short mounting feet, low center height, ultra-space-saving | S short reinforced low base, compact vertical clearance for mini farm equipment | S standard short low base, balanced compact size & medium load capacity | Simplified S short low base, lowest cost compact short 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 speed light-medium load | Only unidirectional, moderate mud/straw vibration mini outdoor farm equipment | Only unidirectional, semi-outdoor dry grain light compact transport | Only unidirectional, indoor dry light load, ultra-strict space & budget limit |
| Anti-Slip Grade | Excellent, zero shaft indentation or scratch | Top-tier vibration anti-loosening performance | Good medium vibration anti-slip capacity | Basic economical anti-slip performance |
| Typical Working Environment | Compact small bidirectional fans, mini packaging short conveyors, small gearboxes, narrow-frame textile machinery | Mini combine harvesters, narrow-frame outdoor short grain conveyors, light muddy compact equipment | Dry grain light transport, semi-outdoor small agricultural machinery with low frame height | Indoor mini packaging, light woodworking, small indoor drying compact conveyors |
| Cost Level | Medium | Medium-Low | Low | Lowest short S base pillow block unit |
| Interchange Reference | Compact short-base concentric pillow block UEP-S variant | Short YELP compact triple mud seal eccentric pillow blocks | Short SAP compact single eccentric low pillow blocks | Economical slim LS/SA short S base pillow block assemblies |

## Series Naming Rule Explanation

1. Suffix P = Pillow Block; S = Short Low Slim Base (short foot, low center height, compact footprint for tight installation clearance)

2. Middle code = Insert bearing locking & inner ring structure

- ES (UES) = UE concentric split collar insert (wide inner ring, 360° uniform clamping, bidirectional rotation)
- ES (LES) = LE double-side symmetric extended inner single eccentric insert (triple heavy mud seal, unidirectional muddy outdoor sites)
- YS (UYS) = UY single-side extended inner single eccentric insert (double-lip reinforced seal, medium vibration unidirectional)
- YS (LYS) = LY economical single-side extended inner single eccentric insert (light dust seal, budget light-medium load indoor equipment)

Full complete unit codes:

- UESP = UES Series (UE concentric split collar insert + S short low pillow block housing)
- LESP = LES Series (LE dual extended eccentric insert + S short low pillow block housing)
- UYSP = UYS Series (UY single extended eccentric insert + S short low pillow block housing)
- LYSP = LYS Series (LY economical single extended eccentric insert + S short low pillow block housing)

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