Pillow Block Bearings
UET LET UYT LYT LKT+H Series Pillow Block Bearings-

| Model | LST 206 2F |
|---|---|
| الأبعاد مم | |
| د | 30 |
| A | 37 |
| $A_1$ | 13.5 |
| $A_2$ | 28 |
| $D_1$ | 22 |
| H | 104 |
| $H_1$ | 89 |
| إل | 114 |
| $L_1$ | 70 |
| $L_2$ | 16 |
| ن | 37 |
| $N_1$ | 10 |
| $S_1$ | 13 |
| Fig. | 5 |
| Mass | |
| كلغ | 1.21 |

# UET LET UYT LYT LKT+H Series T Sliding Take-Up Bearing UET LET UYT LYT LKT+H Cast Iron Adjustable Slotted Base Concentric Eccentric Tapered Bore Insert Bearing For Conveyor Belt Tension Agricultural Packaging Transport Machinery

## UET LET UYT LYT LKT+H Series Pillow Block Bearings Technical Parameter

| Comparison Item | UET (Concentric Split Collar Take-Up Unit) | LET (Dual Extended Eccentric Triple Mud Seal Take-Up Unit) | UYT (Single Extended Eccentric Medium Take-Up Unit) | LYT (Economical Single Extended Eccentric Take-Up Unit) | LKT+H (Tapered Bore + H Sleeve Take-Up Unit) |
|---|---|---|---|---|---|

| Comparison Item | UET (Concentric Split Collar Take-Up Unit) | LET (Dual Extended Eccentric Triple Mud Seal Take-Up Unit) | UYT (Single Extended Eccentric Medium Take-Up Unit) | LYT (Economical Single Extended Eccentric Take-Up Unit) | LKT+H (Tapered Bore + H Sleeve Take-Up Unit) |
|---|---|---|---|---|---|
| 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 | Standard T sliding cast iron, long adjustment slot, threaded tension hole | Reinforced T sliding housing, thick wall for heavy muddy farm conveyors | Universal T sliding base, balanced adjustment stroke & cost | Simplified T sliding base, lowest cost light-duty take-up housing | General T sliding take-up housing compatible with taper sleeve inserts |
| 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 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 | Tapered bore + H sleeve interference fit |
| 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 | SL double-lip general dust & coolant seal |
| Grease Nipple | Single side grease fitting | Dual-side full coverage grease nipples for full raceway lubrication | Single grease nipple | Single simplified grease nipple | Single side grease fitting |
| Rotation Adaptation | Bidirectional, frequent forward-reverse, medium speed medium load | Only unidirectional, severe mud/straw heavy vibration outdoor farm conveyors | Only unidirectional, semi-outdoor dry grain medium tension transport | Only unidirectional, indoor dry light load, strict budget control | Bidirectional rotation, polished smooth unthreaded tension shafts |
| 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 | Uniform circumferential clamping, no shaft surface damage |
| Typical Working Environment | Bidirectional tension fans, medium packaging adjustable conveyors, textile tension rollers | Combine harvester grain conveying tension rollers, outdoor stone heavy-duty belt take-up | Dry grain transport belt tensioners, semi-outdoor agricultural machinery | Indoor mini packaging light conveyor tension adjustment, woodworking machinery | Polished smooth unthreaded drive shafts, printing/textile tension adjustment equipment |

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|---|---|---|---|---|---|
| Cost Level | Medium-High | Medium | Medium-Low | Lowest T sliding take-up unit | Medium-High (extra H sleeve cost) |
| Interchange Reference | FYH UET / NTN UET concentric take-up units | FYH YET / NTN AET triple mud seal eccentric take-up units | FYH SAT / NTN UYT single eccentric take-up units | Economical LS/SA T sliding base take-up assemblies | SKF UKT+H / NTN UKT+H tapered bore take-up units |

## Series Naming Rule Explanation

1. Suffix T = Take-Up Sliding Housing: Long sliding slot for linear adjustment, matched with tension screw to adjust shaft tension for belts/chains; universal sliding take-up base standard.

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

- ET (UET) = UE concentric split collar insert (wide inner ring, 360° uniform clamping, bidirectional rotation)
- ET (LET) = LE double-side symmetric extended inner single eccentric insert (triple heavy mud seal, unidirectional muddy outdoor sites)
- YT (UYT) = UY single-side extended inner single eccentric insert (double-lip reinforced seal, medium vibration unidirectional)
- YT (LYT) = LY economical single-side extended inner single eccentric insert (light dust seal, budget light-medium load indoor equipment)
- KT+H (LKT+H) = UK 1:12 tapered bore insert + H split adapter sleeve (smooth unthreaded shaft, no shaft scratch)

Full complete unit codes:

- UET = UET Series (UE concentric split collar insert + T sliding take-up housing)
- LET = LET Series (LE dual extended eccentric insert + T sliding take-up housing)

- UYT = UYT Series (UY single extended eccentric insert + T sliding take-up housing)
- LYT = LYT Series (LY economical single extended eccentric insert + T sliding take-up housing)
- LKT+H = LKT+H Series (UK tapered bore insert + H sleeve + T sliding take-up housing)

## FAQ

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