

Pillow Block Bearings

UEU,LEU,UYU,LYU,LKU+H Series Pillow Block Bearings-



Model الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

الأبعاد ٩ مم

د الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

إل الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

A الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

A1 الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

ي الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

جي الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

G1 الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

H الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

H1 الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

S1 الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

Fig. الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

Mass

كلغ الأجزاء الميكانيكية المحدودة YouErJia شاندونغ

UEU LEU UYU LYU LKU+H Series Extra Long U Stroke Take-Up Bearing UEU LEU UYU LYU LKU+H Cast Iron Long Slotted Base Concentric Eccentric Tapered Bore Insert Bearing For Long-Distance Conveyor Mining Heavy Agricultural Transport Machinery

UEU,LEU,UYU,LYU,LKU+H Series Pillow Block Bearings Technical Parameter

Comparison Item	UEU (Concentric Split Collar Extra Long Take-Up Unit)	LEU (Dual Extended Eccentric Triple Mud Seal Extra Long Take-Up Unit)	UYU (Single Extended Eccentric Medium Extra Long Take-Up Unit)	LYU (Economical Single Extended Eccentric Extra Long Take-Up Unit)	LKU+H (Tapered Bore + H Sleeve Extra Long 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

UEULEUUYULYULKUH-Series-Pillow-Block-Bearings

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Housing Feature	U extra long slotted cast iron, maximum adjustment stroke, thick wall heavy-duty	Reinforced ultra-long U sliding housing, anti-crack for mining/muddy heavy conveyors	Standard U long take-up base, balanced long travel & medium load cost	Simplified U long sliding base, lowest cost light-duty long-stroke take-up housing	Universal U extra long 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 heavy 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-high speed medium-heavy load	Only unidirectional, severe mud/straw heavy vibration mining/harvester long conveyors	Only unidirectional, semi-outdoor dry grain long-distance heavy transport	Only unidirectional, indoor dry light load, ultra-strict long-stroke budget control	Bidirectional rotation, polished smooth unthreaded heavy tension shafts
Anti-Slip Grade	Excellent, zero shaft indentation or scratch	Top-tier heavy vibration anti-loosening performance	Good medium-heavy vibration anti-slip capacity	Basic economical anti-slip performance	Uniform circumferential clamping, no shaft surface damage
Typical Working Environment	Long-distance bidirectional industrial fans, heavy packaging long conveyors, large textile tension rollers	Large combine harvesters, mining stone long belt conveyors, outdoor heavy grain drying transport lines	Dry grain long-distance belt tensioners, semi-outdoor medium agricultural heavy machinery	Indoor large packaging long conveyor tension adjustment, woodworking heavy transport lines	Polished smooth unthreaded heavy drive shafts, large printing/textile long-stroke tension equipment
Cost Level	Medium-High	Medium	Medium-Low	Lowest U extra long stroke take-up unit	Medium-High (extra H sleeve cost)

Comparison Item	UEU (Concentric Split Collar Extra Long Take-Up Unit)	LEU (Dual Extended Eccentric Triple Mud Seal Extra Long Take-Up Unit)	UYU (Single Extended Eccentric Medium Extra Long Take-Up Unit)	LYU (Economical Single Extended Eccentric Extra Long Take-Up Unit)	LKU+H (Tapered Bore + H Sleeve Extra Long Take-Up Unit)
Interchange Reference	Long stroke UET concentric take-up extended variant	Long stroke LET triple mud seal eccentric take-up extended variant	Long stroke SAT/UYT single eccentric take-up extended variant	Economical LS/SA long U sliding base take-up assemblies	Long stroke UKT+H tapered bore take-up extended variant

Series Naming Rule Explanation

- Suffix U = Extra Long Slotted Take-Up Housing: Extra long sliding adjustment slot, larger linear travel range for heavy belt/chain tension fine-tuning, thicker reinforced cast iron for heavy shock loads; compared with T-type short take-up base, U-type has double adjustment stroke.
- Middle code = Insert bearing locking & inner ring structure:
 - EU (UEU) = UE concentric split collar insert (wide inner ring, 360° uniform clamping, bidirectional rotation)
 - EU (LEU) = LE double-side symmetric extended inner single eccentric insert (triple heavy mud seal, unidirectional severe muddy outdoor sites)
 - YU (UYU) = UY single-side extended inner single eccentric insert (double-lip reinforced seal, medium vibration unidirectional)
 - YU (LYU) = LY economical single-side extended inner single eccentric insert (light dust seal, budget light-medium load indoor equipment)
 - KU+H (LKU+H) = UK 1:12 tapered bore insert + H split adapter sleeve (smooth unthreaded shaft, zero shaft scratch)

Full complete unit codes:

- UEU = UEU Series (UE concentric split collar insert + U extra long stroke take-up housing)
- LEU = LEU Series (LE dual extended eccentric insert + U extra long stroke take-up housing)

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- UYU = UYU Series (UY single extended eccentric insert + U extra long stroke take-up housing)
- LYU = LYU Series (LY economical single extended eccentric insert + U extra long stroke take-up housing)
- LKU+H = LKU+H Series (UK tapered bore insert + H sleeve + U extra long stroke take-up housing)

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