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

Model	UEU 204 2S
Dimensiones (mm)	
D	20
L	65
A	32
A_1	21
J	50.8
GRAMO	M8
G_1	14
H	63.8
H_1	33.3
S_1	18.3
Fig.	1
Mass	
kg	0.52

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

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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)

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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

1. 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.

2. 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)

- 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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