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

Model	LYT 209 2F
Dimensiones (mm)	
D	45
A	49
A_1	17.5
A_2	35
D_1	29
H	117
H_1	101
L	144
L_1	87
L_2	19
norte	49
N_1	15
S_1	34.9
Fig.	4
Mass	
kg	2.46

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)

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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	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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- Custom solution suggestions for your application
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