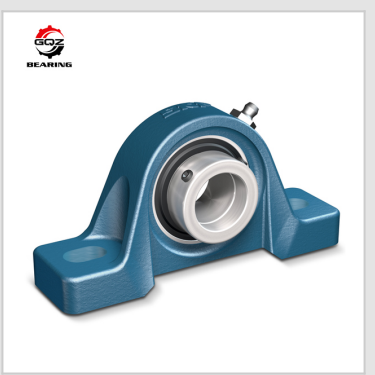
Pillow Block Bearings UEC LEC UYC LYC Series Pillow Block Bearings-

WUXI GUANGQIANG BEARING TRADE CO.,LTD



Model	
Dimensions (mm)	
d	
A	
A_1	
A_2	
Da	
H	
J	
N	
Load capacity (kN)	
Radial	
Axial	
Mass	
kg	

UEC LEC UYC LYC Series Pillow Block Bearing UECP LECP UYCP LYCP Two-Bolt Cast Iron Housed Concentric Eccentric Lock Spherical Insert Bearing For Agricultural Conveyor Construction Machinery

UEC LEC UYC LYC Series Pillow Block Bearings Technical Parameter

Item	UECP (UEC Series)	LECP (LEC Series)	UYCP (UYC Series)	LYCP (LYC Series)
Matching Insert Bearing	UE Concentric Split Collar	LE Dual Extended Inner Single Eccentric	UY Single Extended Inner Single Eccentric	LY Single Extended Inner Single Eccentric
Inner Ring Structure	Standard wide inner ring, no extension	Symmetric double-side extended wide inner ring	Single-side extended wide inner ring	Single-side extended wide inner ring

Item	UECP (UEC Series)	LECP (LEC Series)	UYCP (UYC Series)	LYCP (LYC Series)
Locking Mechanism	Concentric split collar, full 360° uniform clamping	Single eccentric collar (one extended shoulder)	Single eccentric collar (one extended shoulder)	Single eccentric collar (one extended shoulder)
Standard Seal	SL double-lip NBR steel flinger	3S triple-lip heavy mud seal	SL double-lip dust/light mud seal	SL double-lip economical dust seal
Grease Nipple	Single side grease fitting	Dual-side grease nipples full coverage	Single grease nipple	Single grease nipple
Rotation Adaptation	Bidirectional, frequent forward-reverse	Only unidirectional heavy muddy field	Only unidirectional medium vibration farm	Only unidirectional dry light vibration, cost control
Anti-slip Performance	Excellent, no shaft scratch	Top tier heavy vibration anti-slip	Good medium vibration anti-slip	Basic economical anti-slip
Main Working Environment	High vibration, high speed, precision shafts, no shaft damage allowed	Severe muddy farm, sludge, straw, outdoor heavy construction	Semi-outdoor dry grain conveyor, light mud farm	Indoor dry workshop, small light farm machinery
Cost Level	Medium-high	Medium	Medium-low	Lowest budget
Interchange Reference	FYH UEP / NTN UEP	FYH YELP / NTN AELP	FYH SA P / NTN UYP	LS / SA economical pillow block units

UEC LEC UYC LYC Series Pillow Block Bearings Feactrues

UEC Series (UECP Pillow Block)

1. Concentric split locking collar provides uniform 360° clamping force, no indentations or scratches on precision smooth shafts, ideal for high-speed motor and precision transmission equipment.

2. Adapt to frequent forward-reverse rotation without loosening, solves slipping failure of eccentric collar units for bidirectional machinery.

3. Standard double-lip reinforced seal blocks dust and light water splash, stable continuous operation for packaging, textile and HVAC fans.

4. Wide inner ring large contact area, strong load capacity for long-span heavy conveyor rollers.

5. Fully interchangeable with imported UEP concentric pillow block units, stable quality for OEM mass production.

LEC Series (LECP Pillow Block)

1. Double-side symmetric extended inner ring greatly increases contact area with eccentric collar, superior anti-slip performance under violent field vibration than UYC/LYC single extended variants.

2. Standard triple-lip 3S multi-layer mud seal with outer steel flinger, blocks thick mud, crop straw, sand and rainwater for harsh farm/construction sites.

3. Dual-side grease nipples realize full raceway lubrication, eliminate dry friction during 24-hour non-stop harvesting work.

4. Single eccentric cost lower than double eccentric UHP units, perfect cost-performance for unidirectional heavy-duty farm equipment.

5. Dedicated for combine harvester threshing, feeding and heavy outdoor single rotation conveyors.

UYC Series (UYCP Pillow Block)

1. Single-side extended inner ring simplified structure, balanced cost and anti-slip performance for medium vibration unidirectional agricultural machinery.

2. Double-lip standard seal meets dry grain dust and light field mud working conditions, avoids over-spec triple-lip extra cost.

3. Single grease nipple easy daily maintenance, simple assembly and replacement by farmers on-site.

4. Stable self-locking friction under single-direction rotation, no slipping for grain transport belt conveyors.

5. Interchangeable with FYH SA / NTN UYP single eccentric pillow block units, mainstream aftermarket replacement bearing for medium farm equipment.

LYC Series (LYCP Pillow Block)

1. Most economical single eccentric pillow block line, simplified single extended inner ring reduces raw material cost for strict budget small machinery projects.

2. Standard double-lip dust seal fits indoor dry workshop and light dry farm equipment without heavy mud exposure.

3. Compact lightweight unit design, saves procurement cost for mini lawn mowers, small packaging rollers and light textile winding machines.

4. Single eccentric locking structure avoids shaft indentations compared to UC set screw pillow blocks, low failure rate for low-medium vibration single rotation equipment.

5. Complete metric & inch small size range, support mixed small-batch orders for light machinery retailers.

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