Pillow Block Bearings
UED LED UYD LYD Series Pillow Block Bearings-

Model	UYD 205 2S
Dimensões (mm)	
d	25
A	25.5
A_1	2
A_2	9
Da	60
H	95
H_1	34
J	76
N	8.7
Load capacity (kN)	
Radial	3.6
Axial	1.8
Fig.	3
Mass	
kg	0.34

UED LED UYD LYD Series Deep Base Pillow Block Bearing UEDP LEDP UYDP LYDP Thickened Heavy-Duty Cast Iron Housed Concentric Eccentric Lock Spherical Insert Bearing For Heavy Agricultural Conveyor Construction Machinery

UED LED UYD LYD Series Pillow Block Bearings Technical Parameter

Item	UEDP (UED Series)	LEDP (LED Series)	UYDP (UYD Series)	LYDP (LYD 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
Housing Feature	Deep thickened heavy-duty cast iron base, thick wall shock resistant	Deep reinforced heavy-duty housing, anti-impact for outdoor mud sites	Deep heavy-duty base, medium vibration heavy load	Deep thickened economical heavy base, budget heavy load

Item	UEDP (UED Series)	LEDP (LED Series)	UYDP (UYD Series)	LYDP (LYD Series)
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
Locking Mechanism	Concentric split collar, full 360° uniform clamping, no shaft scratch	Single eccentric collar, large contact area anti-slip	Single eccentric collar, medium anti-slip performance	Single eccentric collar, economical anti-slip
Standard Seal	SL double-lip reinforced NBR steel flinger	3S triple-lip ultra heavy mud seal	SL double-lip dust & light mud seal	SL light double-lip dust-proof seal
Grease Nipple	Single side grease fitting	Dual-side full coverage grease nipples	Single grease nipple	Single grease nipple
Rotation Adaptation	Bidirectional, frequent forward-reverse, high speed heavy load	Only unidirectional, severe muddy heavy vibration farm/construction	Only unidirectional, medium vibration semi-outdoor grain conveyor	Only unidirectional, dry indoor heavy light machinery, cost control
Anti-slip Grade	Excellent, zero shaft indentation	Top tier heavy vibration anti-slip	Good medium vibration anti-slip	Basic economical anti-slip
Typical Working Environment	Heavy-duty bidirectional fans, packaging heavy conveyors, high-vibration gearboxes	Severe mud, sludge, straw, outdoor heavy combine harvesters, sand stone conveyors	Dry grain heavy transport, semi-outdoor medium farm machinery	Indoor dry heavy packaging, light construction dry material conveyors
Cost Level	Medium-High	Medium	Medium-Low	Lowest heavy-duty budget
Interchange Reference	Heavy UEP concentric pillow block	Heavy YELP / AELP triple mud seal pillow block	Heavy SA P / UYP single eccentric pillow block	Economical heavy LS / SA deep base pillow block

UED LED UYD LYD Series Pillow Block Bearings Feactrues

UED Series (UEDP Deep Base Concentric Pillow Block)

1. Deep thickened cast iron housing with thicker wall than standard UECP, stronger shock absorption for 24-hour heavy continuous operation.

2. Concentric split locking collar provides uniform 360° circumferential clamping, no indentations/scratches on precision smooth shafts, ideal for high-speed heavy motor and heavy-duty bidirectional transmission equipment.

3. Adapt to frequent forward-reverse rotation without inner ring slipping, solves loosening failure of eccentric deep-base units for bidirectional heavy machinery.

4. Standard double-lip reinforced steel flinger seal blocks heavy workshop dust and light water splash, stable long-term operation for heavy packaging, large HVAC fans and heavy gearbox shafts.

5. Wide inner ring large contact area improves overall load capacity for long-span heavy conveyor rollers, fully interchangeable with imported heavy UEP concentric pillow block units.

LED Series (LEDP Deep Base Triple Mud Seal Pillow Block)

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

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

3. Dual-side grease nipples realize full raceway lubrication coverage, eliminate local dry friction during all-day non-stop heavy harvesting and stone conveying work.

4. Deep reinforced thickened housing resists heavy material impact, single eccentric cost far lower than double eccentric UHP deep base units, perfect cost-performance for unidirectional heavy-duty farm equipment.

5. Dedicated for large combine harvester threshing, feeding rollers and outdoor heavy single rotation grain & stone transport conveyors.

UYD Series (UYDP Deep Base Medium Heavy Eccentric Pillow Block)

1. Deep thickened heavy-duty housing balances load capacity and cost for medium-heavy unidirectional agricultural machinery, stronger shock resistance than standard UYCP light base units.

2. Single-side extended inner ring simplified structure, balanced anti-slip performance and procurement cost for medium vibration dry grain heavy conveyors.

3. Standard double-lip reinforced seal meets dry grain dust and light field mud working conditions, avoids over-spec triple-lip extra cost for semi-outdoor farm equipment.

4. Single grease nipple easy daily maintenance, simple on-site disassembly and replacement by farmers for large grain transport machinery.

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

LYD Series (LYDP Deep Base Economical Heavy Eccentric Pillow Block)

1. Most economical deep heavy-duty pillow block line, simplified single extended inner ring reduces raw material cost for strict budget heavy machinery projects.

2. Standard double-lip dust seal fits indoor dry workshop and light dry heavy farm equipment without heavy mud exposure, thickened housing still meets heavy load demand.

3. Compact heavy-duty unit design, saves procurement cost for large batch mini heavy packaging rollers and light dry construction material conveyors.

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

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