Pillow Block Bearings
UES LES UYS LYS Series Pillow Block Bearings-

Model	LYS 209 2F
Dimensiones (mm)	
D	45
A	52
A_1	36
H	107
H_2	54
H_1	20
Jmin	136
Jmax	151
L	190
norte	17
N_1	23.5
S_1	34.9
Fig.	4
Mass	
kg	2.46

UES LES UYS LYS Series Short Low S Base Pillow Block Bearing UESP LESP UYSP LYSP Cast Iron Short Two-Bolt Low Center Height Concentric Eccentric Insert Bearing For Compact Mini Agricultural Conveyor Packaging Narrow Frame Light Machinery

UES LES UYS LYS Series Pillow Block Bearings Technical Parameter

Comparison Item	UES (Concentric Split Collar Short S Pillow Block)	LES (Dual Extended Eccentric Triple Mud Seal Short S Pillow Block)	UYS (Single Extended Eccentric Medium Short S Pillow Block)	LYS (Economical Single Extended Eccentric Short S Pillow Block)
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

Comparison Item	UES (Concentric Split Collar Short S Pillow Block)	LES (Dual Extended Eccentric Triple Mud Seal Short S Pillow Block)	UYS (Single Extended Eccentric Medium Short S Pillow Block)	LYS (Economical Single Extended Eccentric Short S Pillow Block)
Housing Feature	S short low slim cast iron, short mounting feet, low center height, ultra-space-saving	S short reinforced low base, compact vertical clearance for mini farm equipment	S standard short low base, balanced compact size & medium load capacity	Simplified S short low base, lowest cost compact short pillow block housing
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
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
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
Grease Nipple	Single side grease fitting	Dual-side full coverage grease nipples for full raceway lubrication	Single grease nipple	Single simplified grease nipple
Rotation Adaptation	Bidirectional, frequent forward-reverse, medium speed light-medium load	Only unidirectional, moderate mud/straw vibration mini outdoor farm equipment	Only unidirectional, semi-outdoor dry grain light compact transport	Only unidirectional, indoor dry light load, ultra-strict space & budget limit
Anti-Slip Grade	Excellent, zero shaft indentation or scratch	Top-tier vibration anti-loosening performance	Good medium vibration anti-slip capacity	Basic economical anti-slip performance
Typical Working Environment	Compact small bidirectional fans, mini packaging short conveyors, small gearboxes, narrow-frame textile machinery	Mini combine harvesters, narrow-frame outdoor short grain conveyors, light muddy compact equipment	Dry grain light transport, semi-outdoor small agricultural machinery with low frame height	Indoor mini packaging, light woodworking, small indoor drying compact conveyors
Cost Level	Medium	Medium-Low	Low	Lowest short S base pillow block unit
Interchange Reference	Compact short-base concentric pillow block UEP-S variant	Short YELP compact triple mud seal eccentric pillow blocks	Short SAP compact single eccentric low pillow blocks	Economical slim LS/SA short S base pillow block assemblies

Series Naming Rule Explanation

1. Suffix P = Pillow Block; S = Short Low Slim Base (short foot, low center height, compact footprint for tight installation clearance)

2. Middle code = Insert bearing locking & inner ring structure

- ES (UES) = UE concentric split collar insert (wide inner ring, 360° uniform clamping, bidirectional rotation)
- ES (LES) = LE double-side symmetric extended inner single eccentric insert (triple heavy mud seal, unidirectional muddy outdoor sites)
- YS (UYS) = UY single-side extended inner single eccentric insert (double-lip reinforced seal, medium vibration unidirectional)
- YS (LYS) = LY economical single-side extended inner single eccentric insert (light dust seal, budget light-medium load indoor equipment)

Full complete unit codes:

- UESP = UES Series (UE concentric split collar insert + S short low pillow block housing)
- LESP = LES Series (LE dual extended eccentric insert + S short low pillow block housing)
- UYSP = UYS Series (UY single extended eccentric insert + S short low pillow block housing)
- LYSP = LYS Series (LY economical single extended eccentric insert + S short low pillow block housing)

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