Pillow Block Bearings
UEV,LEV,UYV,LYV,LKV+H Series Pillow Block Bearings-

Model	UYV 209 2S
Dimensões (mm)	
d	45
eu	120
A	54
J	90
H	54.2
G	M14
G_1	25
H_1	12
H_2	108
A_1	33.5
S_1	32.7
Fig.	3
Mass	
kg	1.89

UEV LEV UYV LYV LKV+H Series Vertical V Stand Pillow Block Bearing UEV LEV UYV LYV LKV+H Cast Iron Vertical Upright Two-Lug Housing Concentric Eccentric Tapered Bore Insert Bearing For Wall-Mounted Conveyor Vertical Agricultural Packaging Compact Machinery

UEV,LEV,UYV,LYV,LKV+H Series Pillow Block Bearings Technical Parameter

Comparison Item	UEV (Concentric Split Collar Vertical V Unit)	LEV (Dual Extended Eccentric Triple Mud Seal Vertical V Unit)	UYV (Single Extended Eccentric Medium Vertical V Unit)	LYV (Economical Single Extended Eccentric Vertical V Unit)	LKV+H (Tapered Bore + H Sleeve Vertical V 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 V vertical cast iron upright stand, symmetrical vertical mounting lugs	Reinforced V vertical thick-wall housing, anti-mud heavy vertical farm equipment	Standard V vertical base, balanced vertical load & cost	Simplified V vertical slim housing, lowest cost light vertical unit	Universal V vertical upright 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 vertical 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 vertical equipment	Only unidirectional, severe mud/straw vibration vertical harvesters & wall conveyors	Only unidirectional, semi-outdoor dry grain vertical light transport	Only unidirectional, indoor dry light vertical load, strict budget limit	Bidirectional rotation, polished smooth unthreaded vertical drive shafts
Anti-Slip Grade	Excellent, zero shaft indentation or scratch	Top-tier vertical vibration anti-loosening performance	Good medium vertical vibration anti-slip capacity	Basic economical anti-slip performance	Uniform circumferential clamping, no shaft surface damage

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Typical Working Environment	Wall-mounted bidirectional small fans, vertical short packaging conveyors, narrow vertical textile frames	Vertical combine harvester auxiliary rollers, wall-mounted stone short conveyors, muddy vertical transport lines	Dry grain vertical wall belt conveyors, semi-outdoor small vertical agricultural machinery	Indoor mini vertical packaging rollers, light woodworking vertical transport equipment	Polished smooth unthreaded vertical drive shafts, compact vertical printing/textile machinery
Cost Level	Medium	Medium-Low	Low	Lowest V vertical base unit	Medium (extra H sleeve cost)
Interchange Reference	Vertical V concentric mounted bearing UEV variant	Vertical V triple mud seal eccentric LEV housing units	Vertical V single eccentric UYV upright bearing assemblies	Economical slim LS/SA V vertical base units	Vertical V tapered bore + sleeve LKV+H upright bearing sets

Series Naming Rule Explanation

1. Suffix V = Vertical Upright Housing: Vertical stand cast iron base, mounting surface perpendicular to shaft centerline, for wall/vertical panel installation, fixed-position non-adjustable housing[fkl.by]

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

- EV (UEV) = UE concentric split collar insert (wide inner ring, 360° uniform clamping, bidirectional rotation)
- EV (LEV) = LE double-side symmetric extended inner single eccentric insert (triple heavy mud seal, unidirectional muddy outdoor sites)
- YV (UYV) = UY single-side extended inner single eccentric insert (double-lip reinforced seal, medium vibration unidirectional)
- YV (LYV) = LY economical single-side extended inner single eccentric insert (light dust seal, budget light-medium load indoor equipment)
- KV+H (LKV+H) = UK 1:12 tapered bore insert + H split adapter sleeve (smooth unthreaded shaft, zero shaft scratch)

Full complete unit codes:

- UEV = UEV Series (UE concentric split collar insert + V vertical upright housing)
- LEV = LEV Series (LE dual extended eccentric insert + V vertical upright housing)
- UYV = UYV Series (UY single extended eccentric insert + V vertical upright housing)
- LYV = LYV Series (LY economical single extended eccentric insert + V vertical upright housing)
- LKV+H = LKV+H Series (UK tapered bore insert + H sleeve + V vertical upright housing)

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