Insert Bearings
LK Series Insert bearings-

Model	LK 209 2F
Dimensiones (mm)	
d_2	40
D	45
D	85
L	sesenta y cinco
B	35
C	22
d_1	56.6
W	sesenta y cinco
Y	sesenta y cinco
E	6.1
Load capacity (kN)	
C	32.5
C_0	20.4
Pu	0.64
Mass	
kg	0.47

LK Series Insert Bearing LK204 LK205 LK206 LK207 LK208 UC UY UH UE US UK LE Full Line Spherical Ball Bearing For Agricultural Conveyor Textile Machinery

LK Series Insert Bearing Technical Parameter

Parameter Item	Standard Specification
Full LK Insert Bearing Range	Metric: LK201 ~ LK210; Inch: LK204-12 ~ LK208-24Sub-series: UC, UY, UH, UE, US, UK, LE full locking types
Bearing Type	Single Row Deep Groove Outer Spherical Insert Ball Bearing (LK factory brand standard line)
Core Structure	Spherical convex outer ring (±2° self-aligning compensation), interchangeable inner ring locking designs, multi-grade NBR composite seals with metal slinger
Raw Material	Vacuum degassed GCr15 chrome bearing steel, super-finished raceway & G10 precision steel balls, stamped steel cage standard
Locking Mechanism Options	UC dual set screw / UY single eccentric / UH double eccentric / UE concentric split collar / US narrow inner set screw / UK 1:12 tapered bore + H sleeve / LE dual extended single eccentric

Parameter Item	Standard Specification
Seal System	SL double-lip standard seal; TJ triple-lip heavy mud seal customizable for farm & construction sites
Internal Clearance	CN standard clearance; C3 extra clearance for high-speed heavy vibration equipment
Precision Grade	P0 industrial standard; P6 high precision for food & packaging machinery
Load Capacity	Medium-heavy radial load, light bidirectional axial load
Limiting Rotation Speed	Grease lubrication: 3400 ~ 5300 r/min (size dependent)
Operating Temperature	-30℃ ~ +120℃
Interchangeability	Fully dimensionally interchangeable with FYH, NTN, SKF standard insert bearing units
Matching LK Housings	LK-UCP pillow block, LK-UCF square flange, LK-UCFL oval flange, LK-UCT take-up housing
Certificates	ISO9001, RoHS
Core Features	Complete full sub-series locking lineup for all working conditions; factory branded consistent quality control; universal spherical outer ring compatible with all standard cast iron housings; pre-filled long-life high-temperature grease with external grease nipple; multiple sealing grades for dry/dusty/muddy harsh environments, cost-effective factory direct supply.

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