Insert Bearings
LK Series Insert bearings-

| | |
|---|---|
| Model | LK 210 2F |
| Dimensiones （mm） | |
| $d_2$ | 45 |
| D | 50 |
| D | 90 |
| L | sesenta y cinco |
| B | 37 |
| C | 22 |
| $d_1$ | 62.5 |
| W | sesenta y cinco |
| Y | sesenta y cinco |
| E | 6.4 |
| Load capacity (kN) | |
| C | 35 |
| $C_0$ | 23.2 |
| Pu | 0.695 |
| Mass | |
| kg | 0.51 |

# 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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