

Insert Bearings  
LK Series Insert  
bearings-



WUXI GUANGQIANG BEARING TRADE CO.,LTD



Model LK 209 2F+H 2309

Dimensions (mm)

|                |      |
|----------------|------|
| d <sub>2</sub> | 40   |
| d              | 45   |
| D              | 85   |
| L              | 50   |
| B              | 35   |
| C              | 22   |
| d <sub>1</sub> | 56.6 |
| W              | 65   |
| Y              | 11   |
| E              | 6.1  |

Load capacity (kN)

|                |      |
|----------------|------|
| C              | 32.5 |
| C <sub>0</sub> | 20.4 |
| Pu             | 0.64 |

Mass

|    |      |
|----|------|
| kg | 0.73 |
|----|------|

## 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 ( $\pm 2^\circ$ 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                                             |

## LK-Series-Insert-bearings

| Parameter Item            | Standard Specification                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                                                                                                    |
| 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°C ~ +120°C                                                                                                                                                                                                                                                                                                                                                                  |
| 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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