

## Insert Bearings

LK Series Insert bearings- 

Model LK 217 2F+H 2317

Dimensiones [mm]

d<sub>2</sub> 75

D 85

D 150

L 82

B 46

C 34

d<sub>1</sub> 105

W 110

Y 18

E 8.2

Load capacity (kN)

C 85

C<sub>0</sub> 65

Pu 1.72

Mass

kg 3.92

# 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                                                                  |
| 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 |

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| 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°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. |

Wuxi Guangqiang Bearing Trade Co.,Ltd-Tel:86-510-82601571-  
Email:gg@gqbearing.com,shary@gqbearing.com-http://www.bearing-asia.com