

## Insert Bearings

LS Series Insert bearings- 

Model LS 206 2F

الأبعاد (مم)

د 30

د 62

ب 28

ج 18

d<sub>1</sub> 39.7

E 5.1

Load capacity (kN)

ج 19.5

C0 11.2

بو 0.475

Mass

كلغ 0.23

# LS Series Single Eccentric Lock Insert Bearing LS204 LS205 LS206 LS207 LS208 Single Extended Wide Inner Ring Double Lip Seal Spherical Ball Bearing For Unidirectional Agricultural Conveyor Machinery

## LS Series Insert Bearings Technical Parameter

| Parameter Item    | Standard Specification                                                                                                                                                                                               |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Full Model Range  | LS201 ~ LS210 Metric; LS204-12 ~ LS208-24 Inch Bore<br>Cross Reference: UY, SA single eccentric insert bearing                                                                                                       |
| Bearing Type      | Single Row Deep Groove Outer Spherical Insert Bearing, single-side extended wide inner ring + single eccentric locking collar                                                                                        |
| Core Structure    | Spherical convex outer ring ( $\pm 2^\circ$ self-aligning compensation), one-side extended inner shoulder, single eccentric anti-slip collar, standard SL double-lip NBR composite seal with steel anti-dust flinger |
| Raw Material      | Vacuum degassed GCr15 chrome bearing steel, super-finished raceway & G10 precision steel balls, standard stamped steel cage                                                                                          |
| Locking Mechanism | Single eccentric collar mounted on single extended shoulder, generates stable self-locking friction under unidirectional rotation, anti-slip under medium farm vibration                                             |

## LS-Series-Insert-bearings

| Parameter Item          | Standard Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Seal Option             | Standard SL double-lip dust & light mud seal; TJ triple-lip heavy mud seal customizable for extreme muddy farm sites                                                                                                                                                                                                                                                                                                                                                                                 |
| Internal Clearance      | CN standard clearance; C3 extra clearance for high-speed continuous vibration equipment                                                                                                                                                                                                                                                                                                                                                                                                              |
| Precision Grade         | P0 industrial standard; P6 high precision for food processing production lines                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Load Capacity           | Medium radial load, light bidirectional axial load                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Limiting Rotation Speed | Grease lubrication: 3600 ~ 5100 r/min (size dependent)                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Operating Temperature   | -30°C ~ +120°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Interchangeability      | 1:1 fully interchangeable with FYH SA, NTN UY series single eccentric insert bearings                                                                                                                                                                                                                                                                                                                                                                                                                |
| Matching Housings       | UCP pillow block, UCF 4-bolt square flange, UCFL 2-bolt oval flange, UCT take-up cast iron housing                                                                                                                                                                                                                                                                                                                                                                                                   |
| Certificates            | ISO9001, RoHS, REACH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| HS Code                 | 8482102000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Core Features           | Single-side extended inner ring simplified structure lowers cost; single eccentric collar delivers reliable anti-slip performance for single-direction rotation; double-lip multi-stage seal blocks dust, crop debris and light rain splash; self-aligning spherical outer ring offsets mounting misalignment; pre-filled long-life high-temperature grease with single external grease nipple for regular re-lubrication; universal size fully compatible with standard cast iron bearing housings. |

## LS Series Insert Bearings Features

- Single-side extended inner ring simplified structure reduces raw material cost, excellent cost-performance solution for general unidirectional rotation equipment without ultra-heavy mud pollution.
- Single eccentric locking collar forms stable friction locking during forward rotation, effectively prevent inner ring slipping under medium field vibration, better anti-slip effect than UC set screw bearings without shaft indentation damage.
- Standard SL double-lip composite seal with outer steel flinger forms double-layer barrier, fully block dry crop dust, light mud and splashing rainwater, satisfy most indoor & semi-outdoor farm working conditions.
- Single external grease nipple design simplifies lubrication maintenance, evenly distribute lubricant to internal rolling elements, extend service life for 24-hour continuous low-medium speed conveying operation.

## FAQ

### **Q1: Can you provide custom bearings?**

Yes, we support OEM and custom production based on your drawings, samples, or technical requirements.

### **Q2: What is the delivery time?**

Standard models: 7-15 working days. Custom products: depending on specifications and order quantity.

### **Q3: Looking for a reliable agricultural bearing supplier?**

Send your inquiry to get:

Fast quotation within 24 hours

Technical support from experienced engineers

Custom solution suggestions for your application

Competitive factory-direct pricing

Click Send Inquiry or contact us now to discuss your bearing requirements.

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