

## Insert Bearings

1726 Series Insert Bearings- 

Model 1726209 2RS1

Dimensiones [mm]

D 45

D 85

B 19

d<sub>1</sub> 56.6

r1.2 1.1

Capacity (kN)

C 32.5

C<sub>0</sub> 20.4

Pu 0.92

Mass

kg 0.4

# 1726 Series Insert Bearing 1726203 1726205 1726207 1726210-2RS1 Double Reinforced Seal Spherical Outer Bearing For Agricultural Conveyor HVAC Food Machinery

## Insert Bearings Technical Parameter

| Parameter Item     | Standard Specification                                                                                                                               |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Full Model Range   | 1726203~1726210 (200 light series)1726305~1726310 (300 heavy series)Suffix:<br>-2RS1 (double reinforced contact seal)                                |
| Bearing Type       | Single row deep groove insert bearing, spherical convex outer ring, standard narrow inner ring without locking collar                                |
| Core Structure     | Spherical outer ring ( $\pm 2^\circ$ self-aligning), uniform narrow inner ring, steel-reinforced NBR double lip RS1 contact seal, pressed steel cage |
| Raw Material       | Vacuum degassed GCr15 chrome bearing steel, super-finished raceway & balls                                                                           |
| Locking Method     | Interference fit inner ring (no set screw/eccentric collar; rely on tight shaft fit for anti-slip)                                                   |
| Seal System        | Standard 2RS1 double-sided reinforced contact seal, embedded outer ring groove, block dust, water splashing & light mud                              |
| Internal Clearance | CN standard clearance; C3 extra clearance customizable for high-speed continuous operation                                                           |
| Precision Grade    | P0 standard industrial grade; P6 high precision for food & packaging equipment                                                                       |

| Parameter Item          | Standard Specification                                                                                                                                                                                                                                    |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Load Feature            | Outstanding axial load capacity, higher than UC/UY/US conventional insert bearings; medium radial load                                                                                                                                                    |
| Limiting Rotation Speed | Grease lubrication: 4800 ~ 12000 r/min (size dependent)                                                                                                                                                                                                   |
| Operating Temperature   | -30°C ~ +120°C                                                                                                                                                                                                                                            |
| Interchangeability      | 1:1 fully interchangeable with original SKF 1726 series insert bearings                                                                                                                                                                                   |
| Matching Housings       | UCP pillow block, UCF square flange, UCFL oval flange, UCT take-up housing; RIS rubber seating ring optional                                                                                                                                              |
| Certificates            | ISO9001, RoHS, REACH                                                                                                                                                                                                                                      |
| HS Code                 | 8482102000                                                                                                                                                                                                                                                |
| Core Features           | Standard narrow inner ring saves axial space; superior bidirectional axial load resistance; fully pre-sealed maintenance-free design without grease nipple; ultra-smooth low-noise operation; compact lightweight structure for compact machinery layout. |

## Insert Bearings Features

- Industry-leading axial load bearing capacity, far superior to conventional UC/UY/US insert bearings, perfectly fit equipment with large bidirectional axial thrust such as fans and conveyor tension rollers.
- Integrated 2RS1 steel-reinforced double contact seal embedded in outer ring groove, multi-layer barrier against dust, crop debris and water splash, fully pre-greased maintenance-free design without external grease nipple, reduce daily maintenance cost.
- Narrow standard inner ring compact structure, smaller axial width than wide-inner UC series, greatly save installation space for mini compact automation and light packaging equipment.
- Interference fit inner ring design without set screw or eccentric collar, no shaft surface indentation damage; match precision ground smooth shafts for stable anti-slip performance under medium vibration.

## 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.

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