Insert Bearings
1726 Series Insert Bearings-

Model	1726211 2RS1
Dimensões (mm)	
d	55
D	100
B	21
d_1	69.1
r1.2	1.5
Capacity (kN)	
C	43.6
C_0	29
Pu	1.25
Mass	
kg	0.56

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: -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 (±2° 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℃ ~ +120℃
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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