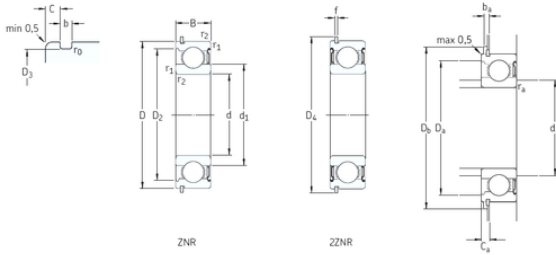




NTN Bearing Manufacturing



60 mm x 130 mm x 31 mm SKF 312-2ZNR deep groove ball bearings

Bearing No. 312-2ZNR

312-2ZNR Bearing 2D drawings and 3D CAD models

| | |
|----------------|--------------|
| Size | 60x130x31 mm |
| Bore Diameter | 60 mm |
| Outer Diameter | 130 mm |
| Width | 31 mm |
| d | 60 mm |
| D | 130 mm |
| B | 31 mm |
| C | 31 mm |
| b | 3,1 mm |
| d1 | 81,8 mm |
| f | 2,82 mm |
| r0 max. | 0,6 mm |
| r1 min. | 2,1 mm |
| r2 min. | 2,1 mm |
| C | 4,06 mm |
| D2 | 113 mm |
| D3 | 125,22 mm |
| D4 | 139,7 mm |
| ba min. | 3,5 mm |
| Ca max. | 6,88 mm |
| da min. | 72 mm |
| da max | 81,7 mm |
| Da max. | 118 mm |
| Db min. | 141 mm |
| ra max. | 2 mm |
| | |



NTN Bearing Manufacturing

| | |
|---------------------------------|--|
| Weight | 1,85 Kg |
| Basic dynamic load rating (C) | 91,3 kN |
| Basic static load rating (C0) | 78 kN |
| Fatigue load limit (Pu) | 3,35 |
| Reference speed | 9500 r/min |
| Limiting speed | 6000 r/min |
| Category | Single Row Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 1.94 |
| Product Group | B00308 |
| Enclosure | 2 Metal Shields |
| Precision Class | ABEC 1 ISO P0 |
| Maximum Capacity / Filling Slot | Yes |
| Rolling Element | Ball Bearing |
| Snap Ring | Yes |
| Internal Special Features | No |
| Cage Material | Steel |
| Internal Clearance | C0-Medium |
| Inch - Metric | Metric |
| Long Description | 60MM Bore; 130MM Outside Diameter; 31MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; Yes Filling Slot; Yes Snap Ring; No Internal Special Features |
| Category | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |



NTN Bearing Manufacturing

| | |
|--------------------------------|---|
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | 312 2ZNR |
| Weight / LBS | 4.27 |
| Bore | 2.362 Inch 60 Millimeter |
| Outside Diameter | 5.118 Inch 130 Millimeter |
| Outer Race Width | 1.22 Inch 31 Millimeter |
| d_1 | 81.86 mm |
| D_2 | 112.2 mm |
| D_3 | 125.22 mm |
| D_4 | 139.7 mm |
| r_0 max. | 0.6 mm |
| $r_{1,2}$ min. | 2.1 mm |
| d_a min. | 72 mm |
| d_a max. | 81.7 mm |
| D_a max. | 118 mm |
| D_b min. | 141 mm |
| b_a min. | 3.5 mm |
| C_a max. | 6.88 mm |
| r_a max. | 2 mm |
| Basic dynamic load rating C | 91.3 kN |
| Basic static load rating C_0 | 78 kN |
| Fatigue load limit P_u | 3.35 kN |
| Calculation factor k_r | 0.05 |
| Mass bearing | 1.85 kg |
| Snap ring | SP 130 |