

208-ZNR SKF 40x80x18mm Outer Race Width 0.709 Inch | 18 Millimeter Deep groove ball bearings

| | |
|---------------------|----------|
| ba min. | 2.2 mm |
| Bearing number | 208-ZNR |
| Size (mm) | 40x80x18 |
| Brand | SKF |
| Bore Diameter (mm) | 40 |
| Outer Diameter (mm) | 80 |
| Width (mm) | 18 |
| d | 40 mm |
| D | 80 mm |
| B | 18 mm |
| C | 18 mm |
| b | 1.9 mm |
| d1 | 52.6 mm |
| f | 1.7 mm |
| r0 max. | 0.6 mm |
| r1 min. | 1.1 mm |
| r2 min. | 1.1 mm |
| C | 3.28 mm |
| D2 | 69.8 mm |
| D3 | 76.81 mm |
| D4 | 86.6 mm |
| Ca max. | 4.98 mm |

| | |
|---------------------------------|--------------------------|
| da min. | 47 mm |
| da max | 52.5 mm |
| Da max. | 73 mm |
| Db min. | 88 mm |
| ra max. | 1 mm |
| Weight | 0.39 Kg |
| Basic dynamic load rating (C) | 33.6 kN |
| Basic static load rating (C0) | 27 kN |
| Fatigue load limit (Pu) | 1.16 |
| Reference speed | 15000 r/min |
| Limiting speed | 9500 r/min |
| Category | Single Row Ball Bearings |
| BDI Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.417 |
| EAN | 7316577095763 |
| Product Group – BDI | B00308 |
| Enclosure | 1 Metal Shield |
| 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 | 40MM Bore; 80MM Outside Diameter; 18MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; Yes Filling Slot; Yes Snap Ring; No Internal Special Features |
| Category – BDI | Single Row Ball Bearing |
| UNSPSC | 31171504 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Ball |
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | 208 ZNR |
| Weight / LBS | 0.89 |
| Bore | 1.575 Inch 40 Millimeter |
| Outside Diameter | 3.15 Inch 80 Millimeter |
| Outer Race Width | 0.709 Inch 18 Millimeter |
| bore diameter: | 40 mm |
| static load capacity: | 27 kN |
| outside diameter: | 80 mm |
| precision rating: | ABEC 3 (ISO Class 6) |
| overall width: | 18 mm |
| finish/coating: | Uncoated |
| bore type: | Round |
| cage material: | Steel |
| closure type: | Single Shield |
| outer ring width: | 18 mm |
| row type & fill slot: | Single Row Filling Slot |
| fillet radius: | 1 mm |
| snap ring included: | With Snap Ring |

| | |
|--------------------------------|--|
| maximum rpm: | 9500 RPM |
| internal clearance: | C0 |
| series: | 20 |
| dynamic load capacity: | 33.6 kN |
| thrust application warning: | This product can not be used in Thrust Applications |
| $d_1 \approx$ | 52.6 mm |
| $D_2 \approx$ | 69.8 mm |
| D_3 | 76.81 mm |
| D_4 | 86.6 mm |
| r_0 max. | 0.6 mm |
| $r_{1,2}$ min. | 1.1 mm |
| d_a min. | 47 mm |
| d_a max. | 52.5 mm |
| D_a max. | 73 mm |
| D_b min. | 88 mm |
| b_a min. | 2.2 mm |
| C_a max. | 4.98 mm |
| r_a max. | 1 mm |
| Basic dynamic load rating C | 33.6 kN |
| Basic static load rating C_0 | 27 kN |
| Fatigue load limit P_u | 1.16 kN |
| Calculation factor k_r | 0.04 |
| Mass bearing | 0.39 kg |
| Snap ring | SP 80 |