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80 mm x 170 mm x 39 mm SKF QJ 316 N2MA Angular Contact Ball Bearings

Bearing No. QJ 316 N2MA

QJ 316 N2MA Bearing 2D drawings and 3D CAD models

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|---------------------------------|---|
| Category | Angular Contact Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight | 4.57 |
| EAN | 7316577069610 |
| Product Group | B00308 |
| Enclosure | Open |
| Flush Ground | No |
| Rolling Element | Ball Bearing |
| Number of Rows of Balls | Single Row |
| Precision Class | ABEC 3 ISO P6 |
| Maximum Capacity / Filling Slot | No |
| Snap Ring | No |
| Cage Material | Brass |
| Contact Angle | 35 Degree 4 Point |
| Internal Clearance | C0-Medium |
| Number of Bearings | 1 (Single) |
| Inch - Metric | Metric |
| Long Description | 80MM Bore; 170MM Outside Diameter; 39MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 3 ISO P6; No Filling Slot; No Snap Ring |



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| Other Features | Split Inner Race |
| Category | Angular Contact Ball Bearing |
| UNSPSC | 31171531 |
| Harmonized Tariff Code | 8482.10.50.28 |
| Noun | Bearing |
| Keyword String | Angular Contact |
| Manufacturer URL | http://www.skf.com |
| Manufacturer Item Number | QJ 316 N2MA |
| Weight / LBS | 10.071 |
| B | 1.535 Inch 39 Millimeter |
| d | 3.15 Inch 80 Millimeter |
| D | 6.693 Inch 170 Millimeter |
| inside diameter: | 80 mm |
| precision rating: | Not Rated |
| outside diameter: | 170 mm |
| cage material: | Brass |
| overall width: | 39 mm |
| maximum rpm: | 7000 RPM |
| internal clearance: | C0 |
| finish/coating: | Uncoated |
| closure type: | Open |
| outer ring width: | 39 mm |
| radial dynamic load capacity: | 232 kN |
| fillet radius: | 2 mm |
| radial static load capacity: | 228 kN |
| series: | QJ |
| d | 80 mm |
| D | 170 mm |
| B | 39 mm |
| d ₁ | 111 mm |
| D ₁ | 139 mm |



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|--------------------------------|------------|
| a | 88 mm |
| h | 10.1 mm |
| b | 8.5 mm |
| r_0 | 2 mm |
| $r_{1,2}$ min. | 2.1 mm |
| d_a min. | 92 mm |
| D_a max. | 158 mm |
| r_a max. | 2 mm |
| Basic dynamic load rating C | 232 kN |
| Basic static load rating C_0 | 228 kN |
| Fatigue load limit P_u | 8.65 kN |
| Limiting speed | 7000 r/min |
| Calculation factor A | 0.155 |
| Calculation factor e | 0.95 |
| Calculation factor X | 0.6 |
| Calculation factor Y_0 | 0.58 |
| Calculation factor Y_1 | 0.66 |
| Calculation factor Y_2 | 1.07 |
| Mass bearing | 4.6 kg |