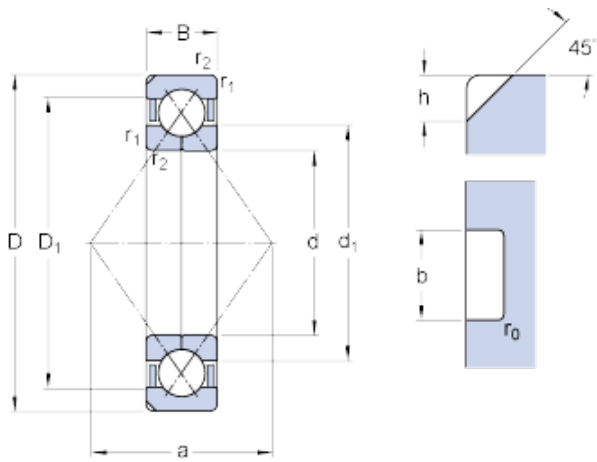




Changzhou SND bearing Co.,Ltd



240 mm x 440 mm x 72 mm SKF QJ 248 N2MA
angular contact ball bearings

Bearing No. QJ 248 N2MA

QJ 248 N2MA Bearing 2D drawings and 3D CAD models

| | |
|---|---------------|
| Size | 440x240x72 mm |
| Bore Diameter | 440 mm |
| Outer Diameter | 240 mm |
| Width | 72 mm |
| d | 240 mm |
| D | 440 mm |
| B | 72 mm |
| d ₁ | 315 mm |
| D ₁ | 365 mm |
| a | 238 mm |
| h | 12.5 mm |
| b | 15 mm |
| r ₀ | 2.5 mm |
| r _{1,2} - min. | 4 mm |
| d _a - min. | 258 mm |
| D _a - max. | 422 mm |
| r _a - max. | 3 mm |
| Basic dynamic load rating - C | 650 kN |
| Basic static load rating - C ₀ | 1200 kN |
| Fatigue load limit - P _u | 27.5 kN |
| Reference speed | 1500 r/min |
| Limiting speed | 2400 r/min |
| Calculation factor - k _a | 1 |
| Calculation factor - e | 0.95 |



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| | |
|-------------------------------------|---|
| Calculation factor - X | 0.6 |
| Calculation factor - Y ₀ | 0.58 |
| Calculation factor - Y ₁ | 0.66 |
| Calculation factor - Y ₂ | 1.07 |
| Category | Angular Contact Ball Bearings |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 65.11 |
| EAN | 7316570659993 |
| Product Group | B00308 |
| Enclosure | Open |
| Flush Ground | No |
| Rolling Element | Ball Bearing |
| Number of Rows of Balls | Single Row |
| Precision Class | ABEC 1 ISO P0 |
| 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 | 240MM Bore; 440MM Outside Diameter; 72MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; C0-Medium; Brass Cage; 35 Degree 4 Point; 1 |
| Other Features | Split Inner Race Outer Ring Centred Two |



Changzhou SND bearing Co.,Ltd

| | Locating Slots |
|--------------------------------|---|
| 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 248 N2MA |
| Weight / LBS | 117.28578 |
| Outside Diameter | 17.323 Inch 440 Millimeter |
| Bore | 9.449 Inch 240 Millimeter |
| Width | 2.835 Inch 72 Millimeter |
| d_1 | 315 mm |
| D_1 | 365 mm |
| r_0 | 2.5 mm |
| $r_{1,2}$ min. | 4 mm |
| d_a min. | 258 mm |
| D_a max. | 422 mm |
| r_a max. | 3 mm |
| Basic dynamic load rating C | 650 kN |
| Basic static load rating C_0 | 1200 kN |
| Fatigue load limit P_u | 27.5 kN |
| Calculation factor A | 4.27 |
| 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 | 53.2 kg |