

KOYO AC7654B angular contact ball bearings

Manufacturers of all are represented in our partial 100x45x25 Size (mm) list 100 Bore Diameter (mm) of clients. Contact Gary for a complete KOYO AC7654B angular contact ball bearings list of clients and projects.

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| Size (mm) | 100x45x25 |
| Bore Diameter (mm) | 100 |
| Outer Diameter (mm) | 45 |
| Width (mm) | 25 |
| d | 45 mm |
| D | 100 mm |
| B | 25 mm |
| d1 | 58 mm |
| D1 | 81.2 mm |
| a | 51 mm |
| r1,2 – min. | 1.5 mm |
| da – min. | 54 mm |
| Da – max. | 91 mm |
| ra – max. | 1.5 mm |
| Basic dynamic load rating – C | 100 kN |
| Basic static load rating – C0 | 83 kN |
| Fatigue load limit – Pu | 3.6 kN |
| Reference speed | 9000 r/min |
| Limiting speed | 12000 r/min |
| Calculation factor – ka | 1.1 |
| Calculation factor – e | 0.95 |

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| Calculation factor – X | 0.6 |
| Calculation factor – Y0 | 0.58 |
| Calculation factor – Y1 | 0.66 |
| Calculation factor – Y2 | 1.07 |
| Inventory | 0.0 |
| Manufacturer Name | SKF |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 1.05 |
| EAN | 7316577028587 |
| 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 | 45MM Bore; 100MM Outside Diameter; 25MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Ba |
| Other Features | Split Inner Race |
| UNSPSC | 31171531 |
| Harmonized Tariff Code | 8482.10.50.28 |
| Noun | Bearing |

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|-------------------------------|-----------------------------|
| Keyword String | Angular Contact |
| Manufacturer Item Number | QJ 309 MA |
| Weight / LBS | 2.315 |
| Outside Diameter | 3.937 Inch 100 Millimeter |
| Width | 0.984 Inch 25 Millimeter |
| Bore | 1.772 Inch 45 Millimeter |
| inside diameter: | 45 mm |
| precision rating: | ABEC 1 (ISO Class Normal) |
| outside diameter: | 100 mm |
| cage material: | Brass |
| overall width: | 25 mm |
| maximum rpm: | 12000 RPM |
| internal clearance: | C0 |
| finish/coating: | Uncoated |
| closure type: | Open |
| outer ring width: | 25 mm |
| radial dynamic load capacity: | 100 kN |
| fillet radius: | 1.5 mm |
| radial static load capacity: | 83 kN |
| series: | QJ |
| d1 ≈ | 58 mm |
| D1 ≈ | 81.2 mm |
| r1,2 min. | 1.5 mm |
| da min. | 54 mm |
| Da max. | 91 mm |
| ra max. | 1.5 mm |
| Basic dynamic load rating C | 100 kN |
| Basic static load rating C0 | 83 kN |
| Fatigue load limit Pu | 3.55 kN |

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| Calculation factor A | 0.0202 |
| Calculation factor e | 0.95 |
| Calculation factor X | 0.6 |
| Calculation factor Y0 | 0.58 |
| Calculation factor Y1 | 0.66 |
| Calculation factor Y2 | 1.07 |
| Mass bearing | 1.05 kg |