

1204 KOYO Cr 9.90 20x47x14mm Self aligning ball bearings

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| Bearing number | 1204 |
| Size (mm) | 20x47x14 |
| Brand | KOYO |
| Bore Diameter (mm) | 20 |
| Outer Diameter (mm) | 47 |
| Width (mm) | 14 |
| d | 20 mm |
| D | 47 mm |
| B | 14 mm |
| C | 14 mm |
| r min. | 1 mm |
| da min. | 25 mm |
| Da max. | 42 mm |
| ra max. | 1 mm |
| Weight | 0.120 Kg |
| Basic dynamic load rating (C) | 9.90 kN |
| Basic static load rating (C0) | 2.60 kN |
| (Grease) Lubrication Speed | 14000 r/min |
| (Oil) Lubrication Speed | 17000 r/min |
| Calculation factor (e) | 0.29 |
| Calculation factor (Y0) | 2.27 |
| Calculation factor (Y1) | 2.16 |
| Internal Clearance | C0-Medium |
| Category | Self Aligning Ball Bearings |

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| BDI Inventory | 0.0 |
| Manufacturer Name | KOYO |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0.13 |
| EAN | 0605790000867 |
| Product Group – BDI | B00152 |
| Mounting Method | Shaft |
| Enclosure | Open |
| Rolling Element | Ball Bearing |
| Cage Material | Steel |
| Precision Class | ABEC 1 ISO P0 |
| Number of Rows of Balls | Double Row |
| Other Features | Allowable Misalignment 2.5 Deg |
| Long Description | 20MM Bore; Shaft Mount; 47MM Outside Diameter; 14MM Inner Race Width; 14MM Outer Race Width; Open; Steel Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium |
| Inch – Metric | Metric |
| Category – BDI | Self Aligning Ball Bearings |
| UNSPSC | 31171532 |
| Harmonized Tariff Code | 8482.10.50.68 |
| Noun | Bearing |
| Keyword String | Self Aligning |
| Manufacturer URL | http://www.koyousa.com |
| Manufacturer Item Number | 1204 |
| Weight / LBS | 0.26455 |
| Bore | 0.787 Inch 20 Millimeter |
| Inner Race Width | 0.551 Inch 14 Millimeter |

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|--------------------|----------------------------|
| Outside Diameter | 1.85 Inch 47 Millimeter |
| Outer Race Width | 0.551 Inch 14 Millimeter |
| Bearing No. | 1204 |
| r(min) | 1 |
| Cr | 9.90 |
| C0r | 2.65 |
| Cu | 0.16 |
| Grease lub. | 14000 |
| Oil lub. | 17000 |
| da(min) | 25 |
| Da(max) | 42 |
| ra(max) | 1 |
| e | 0.29 |
| Y1 | 2.16 |
| Y2 | 3.35 |
| Y0 | 2.27 |
| (Refer.) Mass (kg) | 0.120 |