

# KOYO 83A941ASH2C3 deep groove ball bearings

100% 0.0 Inventory Authentic. KOYO 83A941ASH2C3 deep groove ball bearings Highest Quality. Certified Supplier. N/A Minimum Buy Quantity

|                         |  |
|-------------------------|--|
| Inventory               | 0.0  |
| Manufacturer Name       | SKF  |
| Minimum Buy Quantity    | N/A  |
| Weight                  | 4.91   |
| EAN                     | 7316576605598  |
| Product Group           | B00152   |
| Mounting Method         | Tapered Adapter  |
| Enclosure               | Open   |
| Rolling Element         | Ball Bearing   |
| Adapter Sleeve          | H-317  |
| Cage Material           | Steel  |
| Precision Class         | ABEC 1   ISO P0  |
| Internal Clearance      | C0-Medium  |
| Number of Rows of Balls | Double Row   |
| Other Features          | Allowable Misalignment 3 Deg   1:12 Taper  |
| Long Description        | 85MM Bore; Tapered Adapter Mount; 180MM Outside Diameter; 41MM Inner Race Width; 41MM Outer Race Wid |
| Inch – Metric           | Metric   |
| UNSPSC                  | 31171532   |
| Harmonized Tariff Code  | 8482.10.50.68  |

|                             |                            |
|-----------------------------|----------------------------|
| Noun                        | Bearing                    |
| Keyword String              | Self Aligning              |
| Manufacturer Item Number    | 1317 K                     |
| Weight / LBS                | 10.803                     |
| Outer Race Width            | 1.614 Inch   41 Millimeter |
| d                           | 85 mm                      |
| Inner Race Width            | 1.614 Inch   41 Millimeter |
| D                           | 180 mm                     |
| bore diameter:              | 85 mm                      |
| static load capacity:       | 38 kN                      |
| outside diameter:           | 180 mm                     |
| precision rating:           | Not Rated                  |
| overall width:              | 41 mm                      |
| maximum rpm:                | 4800 RPM                   |
| bore type:                  | Tapered 1:12               |
| finish/coating:             | Uncoated                   |
| closure type:               | Open                       |
| outer ring width:           | 41 mm                      |
| internal clearance:         | C0                         |
| fillet radius:              | 3 mm                       |
| dynamic load capacity:      | 97.5 kN                    |
| series:                     | 1300                       |
| B                           | 41 mm                      |
| d1 ≈                        | 117.6 mm                   |
| D1 ≈                        | 152.8 mm                   |
| r1,2 min.                   | 3 mm                       |
| Da max.                     | 166 mm                     |
| ra max.                     | 3 mm                       |
| Basic dynamic load rating C | 97.5 kN                    |

|   |            |
|---|------------|
| Basic static load rating C <sub>0</sub>   | 38 kN      |
| Fatigue load limit P <sub>u</sub>         | 1.7 kN     |
| Reference speed                           | 7000 r/min |
| Limiting speed                            | 4800 r/min |
| Permissible angular misalignment $\alpha$ | 3 °        |
| Calculation factor k <sub>r</sub>         | 0.045      |
| Calculation factor e                      | 0.22       |
| Calculation factor Y <sub>0</sub>         | 2.8        |
| Calculation factor Y <sub>1</sub>         | 2.9        |
| Calculation factor Y <sub>2</sub>         | 4.5        |
| Mass bearing                              | 4.9 kg     |