

# 1320K SKF 100x215x47mm

## Calculation factor (kr) 0.045

### Self aligning ball bearings

|                               |            |
|-------------------------------|------------|
| Bearing number                | 1320K      |
| Size (mm)                     | 100x215x47 |
| Brand                         | SKF        |
| Bore Diameter (mm)            | 100        |
| Outer Diameter (mm)           | 215        |
| Width (mm)                    | 47         |
| d                             | 100 mm     |
| D                             | 215 mm     |
| B                             | 47 mm      |
| C                             | 47 mm      |
| d2                            | 136 mm     |
| r1 min.                       | 3 mm       |
| r2 min.                       | 3 mm       |
| D1                            | 185 mm     |
| da min.                       | 114 mm     |
| Da max.                       | 201 mm     |
| ra max.                       | 3 mm       |
| Weight                        | 8.3 Kg     |
| Basic dynamic load rating (C) | 143 kN     |
| Basic static load rating (C0) | 57 kN      |
| Fatigue load limit (Pu)       | 2.36       |
| Reference speed               | 6000 r/min |
| Limiting speed                | 4000 r/min |
| Calculation factor (e)        | 0.23       |

|                         |       |
|-------------------------|-------|
| Calculation factor (kr) | 0.045 |
| Calculation factor (Y0) | 2.8   |
| Calculation factor (Y1) | 2.7   |