

# 1320SK NTN 100x215x47mm

## Calculation factor (e) 0.24

### Self aligning ball bearings

|                                 |            |
|---------------------------------|------------|
| B1                              | 53 mm      |
| rs min                          | 3 mm       |
| Associated sleeve reference     | H320X      |
| e                               | 0.24       |
| Y1                              | 2.7        |
| Y2                              | 4.1        |
| Y0                              | 2.8        |
| Radial clearance class          | CN         |
| Precision class                 | P0         |
| Mass                            | 8.46 kg    |
| Dynamic load, C                 | 140 kN     |
| Static load, C0                 | 57.5 kN    |
| Nlim (oil)                      | 3.400 rpm  |
| Nlim (grease)                   | 2.800 rpm  |
| Min operating temperature, Tmin | -20 °C     |
| Max operating temperature, Tmax | 120 °C     |
| da min                          | 113 mm     |
| da max                          | 130 mm     |
| db min                          | 107 mm     |
| Ce min                          | 7 mm       |
| Da max                          | 202 mm     |
| ra max                          | 2.5 mm     |
| Bearing number                  | 1320SK     |
| Size (mm)                       | 100x215x47 |

|                               |             |
|-------------------------------|-------------|
| Brand                         | NTN         |
| Bore Diameter (mm)            | 100         |
| Outer Diameter (mm)           | 215         |
| Width (mm)                    | 47          |
| d                             | 100 mm      |
| D                             | 215 mm      |
| B                             | 47 mm       |
| C                             | 47 mm       |
| r min.                        | 3 mm        |
| da min.                       | 113 mm      |
| Da max.                       | 202 mm      |
| ra max.                       | 2.5 mm      |
| Weight                        | 8.46 Kg     |
| Basic dynamic load rating (C) | 140 kN      |
| Basic static load rating (C0) | 57.5 kN     |
| (Grease) Lubrication Speed    | 2 800 r/min |
| (Oil) Lubrication Speed       | 3 400 r/min |
| Calculation factor (e)        | 0.24        |
| Calculation factor (Y0)       | 2.8         |
| Calculation factor (Y1)       | 2.7         |