

# 21308E SKF Calculation factor (Y1) 2.8 40x90x23mm Spherical roller bearings

|                               |            |
|-------------------------------|------------|
| Bearing number                | 21308E     |
| Size (mm)                     | 40x90x23   |
| Brand                         | SKF        |
| Bore Diameter (mm)            | 40         |
| Outer Diameter (mm)           | 90         |
| Width (mm)                    | 23         |
| d                             | 40 mm      |
| D                             | 90 mm      |
| B                             | 23 mm      |
| C                             | 23 mm      |
| b                             | 5.5 mm     |
| d2                            | 60 mm      |
| r1 min.                       | 1.5 mm     |
| r2 min.                       | 1.5 mm     |
| D1                            | 79.8 mm    |
| K                             | 3 mm       |
| da min.                       | 49 mm      |
| Da max.                       | 81 mm      |
| ra max.                       | 1.5 mm     |
| Weight                        | 0.75 Kg    |
| Basic dynamic load rating (C) | 104 kN     |
| Basic static load rating (C0) | 108 kN     |
| Fatigue load limit (Pu)       | 11.8       |
| Reference speed               | 7000 r/min |

|                         |            |
|-------------------------|------------|
| Limiting speed          | 9500 r/min |
| Calculation factor (e)  | 0.24       |
| Calculation factor (Y0) | 2.8        |
| Calculation factor (Y1) | 2.8        |