

# 23120EX1K NACHI Calculation factor (e) 0.29 100x165x52mm Cylindrical roller bearings

|                               |            |
|-------------------------------|------------|
| Bearing number                | 23120EX1K  |
| Size (mm)                     | 100x165x52 |
| Brand                         | NACHI      |
| Bore Diameter (mm)            | 100        |
| Outer Diameter (mm)           | 165        |
| Width (mm)                    | 52         |
| d                             | 100 mm     |
| D                             | 165 mm     |
| B                             | 52 mm      |
| C                             | 52 mm      |
| r min.                        | 2 mm       |
| Weight                        | 4.49 Kg    |
| Basic dynamic load rating (C) | 450 kN     |
| Basic static load rating (C0) | 500 kN     |
| (Grease) Lubrication Speed    | 2500 r/min |
| (Oil) Lubrication Speed       | 3300 r/min |
| Calculation factor (e)        | 0.29       |
| Calculation factor (Y0)       | 2.28       |
| Calculation factor (Y1)       | 2.33       |