

# NKE 23032-K-MB-W33 spherical roller bearings

NKE 23032-K-MB-W33 spherical roller bearings Engineering Calculator 14x8x3.5 Size (mm) , Manufacturing Service . Get Your Free.

|                               |             |
|-------------------------------|-------------|
| Size (mm)                     | 14x8x3.5    |
| Bore Diameter (mm)            | 14          |
| Outer Diameter (mm)           | 8           |
| Width (mm)                    | 3,5         |
| d                             | 8 mm        |
| D                             | 14 mm       |
| B                             | 3.5 mm      |
| d1                            | 9.86 mm     |
| D1                            | 12.19 mm    |
| r1,2 – min.                   | 0.2 mm      |
| da – min.                     | 9.6 mm      |
| da – max.                     | 9.8 mm      |
| Da – max.                     | 12.4 mm     |
| ra – max.                     | 0.2 mm      |
| Basic dynamic load rating – C | 0.462 kN    |
| Basic static load rating – C0 | 0.193 kN    |
| Fatigue load limit – Pu       | 0.008 kN    |
| Reference speed               | 95000 r/min |
| Limiting speed                | 60000 r/min |
| Calculation factor – kr       | 0.02        |
| Calculation factor – f0       | 7.8         |
| d1 ≈                          | 9.86 mm     |

|                             |           |
|-----------------------------|-----------|
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| da min.                     | 9.6 mm    |
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| ra max.                     | 0.2 mm    |
| Basic dynamic load rating C | 0.462 kN  |
| Basic static load rating C0 | 0.193 kN  |
| Fatigue load limit Pu       | 0.008 kN  |
| Calculation factor kr       | 0.02      |
| Calculation factor f0       | 7.8       |
| Mass bearing                | 0.0018 kg |