

21309-E1 FAG 45x100x25mm C0r 130000 N / Static load rating (radial) Spherical roller bearings

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| Bearing number | 21309-E1 |
| Size (mm) | 45x100x25 |
| Brand | FAG |
| Bore Diameter (mm) | 45 |
| Outer Diameter (mm) | 100 |
| Width (mm) | 25 |
| d | 45 mm |
| D | 100 mm |
| B | 25 mm |
| D ₁ | 89.8 mm |
| D _{a max} | 91 mm |
| d ₂ | 67.6 mm |
| d _{a min} | 54 mm |
| d _s | 3.2 mm |
| n _s | 4.8 mm |
| r _{a max} | 1.5 mm |
| r _{min} | 1.5 mm |
| m | 0.999 kg / Weight |
| C _r | 129000 N / Dynamic load rating (radial) |
| e | 0.21 |
| Y ₁ | 3.17 |

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| Y_2 | 4.72 |
| C_{0r} | 130000 N / Static load rating (radial) |
| Y_0 | 3.1 |
| n_G | 9000 1/min / Limiting speed |
| n_B | 5600 1/min |
| C_{ur} | 17300 N / Fatigue limit load. radial |