

22220-E1 FAG ns 9.5 mm 100x180x46mm Spherical roller bearings

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| Bearing number | 22220-E1 |
| Size (mm) | 100x180x46 |
| Brand | FAG |
| Bore Diameter (mm) | 100 |
| Outer Diameter (mm) | 180 |
| Width (mm) | 46 |
| d | 100 mm |
| D | 180 mm |
| B | 46 mm |
| D_1 | 161.4 mm |
| $D_{a \max}$ | 168 mm |
| d_2 | 119 mm |
| $d_{a \min}$ | 112 mm |
| d_s | 4.8 mm |
| n_s | 9.5 mm |
| $r_{a \max}$ | 2.1 mm |
| r_{\min} | 2.1 mm |
| m | 4.96 kg / Weight |
| C_r | 430000 N / Dynamic load rating (radial) |
| e | 0.24 |
| Y_1 | 2.84 |
| Y_2 | 4.23 |

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| C_{0r} | 475000 N / Static load rating (radial) |
| Y_0 | 2.78 |
| n_G | 4550 1/min / Limiting speed |
| n_B | 3300 1/min |
| C_{ur} | 52000 N / Fatigue limit load. radial |