

3205-BD FAG 25x52x20.6mm m 0.175 kg / Weight Angular contact ball bearings

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| Bearing number | 3205-BD |
| Size (mm) | 25x52x20.6 |
| Brand | FAG |
| Bore Diameter (mm) | 25 |
| Outer Diameter (mm) | 52 |
| Width (mm) | 20.6 |
| d | 25 mm |
| D | 52 mm |
| B | 20.6 mm |
| a | 30.755 mm |
| D_1 | 45.1 mm |
| $D_{a \max}$ | 46.4 mm |
| d_1 | 35.8 mm |
| $d_{a \min}$ | 30.6 mm |
| $r_{a \max}$ | 1 mm |
| r_{\min} | 1 mm |
| α | 30 ° / Angle |
| m | 0.175 kg / Weight |
| C_r | 22000 N / Dynamic load rating (radial) |
| C_{0r} | 15200 N / Static load rating (radial) |
| C_{ur} | 1020 N / Fatigue limit load. radial |
| n_G | 14300 1/min / Limiting speed |

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| n_B | 12700 1/min / Reference speed |
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