

1210-TVH FAG nB 10500 1/min / Reference speed 50x90x20mm Self aligning ball bearings

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| Bearing number | 1210-TVH |
| Size (mm) | 50x90x20 |
| Brand | FAG |
| Bore Diameter (mm) | 50 |
| Outer Diameter (mm) | 90 |
| Width (mm) | 20 |
| d | 50 mm |
| D | 90 mm |
| B | 20 mm |
| D_1 | 77.6 mm |
| $D_{a \max}$ | 83 mm |
| d_1 | 62.7 mm |
| $d_{a \min}$ | 57 mm |
| $r_{a \max}$ | 1 mm |
| r_{\min} | 1.1 mm |
| m | 0.526 kg / Weight |
| C_r | 22900 N / Dynamic load rating (radial) |
| e | 0.2 |
| Y_1 | 3.17 |
| Y_2 | 4.9 |
| C_{0r} | 8000 N / Static load rating (radial) |
| Y_0 | 3.32 |

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| n_G | 8500 1/min / Limiting speed |
| n_B | 10500 1/min / Reference speed |
| C_{ur} | 500 N / Fatigue limit load. radial |