

2309-2RS-TVH FAG ra max 1.5 mm 45x100x36mm Self aligning ball bearings

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| Bearing number | 2309-2RS-TVH |
| Size (mm) | 45x100x36 |
| Brand | FAG |
| Bore Diameter (mm) | 45 |
| Outer Diameter (mm) | 100 |
| Width (mm) | 36 |
| d | 45 mm |
| D | 100 mm |
| B | 36 mm |
| D ₂ | 86.6 mm |
| D _{a max} | 91 mm |
| d _{a min} | 54 mm |
| r _{a max} | 1.5 mm |
| r _{min} | 1.5 mm |
| m | 1.34 kg / Weight |
| C _r | 38500 N / Dynamic load rating (radial) |
| e | 0.25 |
| Y ₁ | 2.5 |
| Y ₂ | 3.87 |
| C _{0r} | 12600 N / Static load rating (radial) |
| Y ₀ | 2.62 |
| n _G | 4800 1/min / Limiting speed |

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| n_B | 1/min / Reference speed |
| C_{ur} | 780 N / Fatigue limit load. radial |