



LY?MANUFACTURING CO.,LTD.



NSK HR30309J tapered roller bearings

Bearing No. HR30309J

| | |
|-------------------------------|-----------------|
| Size | 45x100x27.25 mm |
| Bore Diameter | 45 mm |
| Outer Diameter | 100 mm |
| Width | 27,25 mm |
| d | 45 mm |
| D | 100 mm |
| T | 27,25 mm |
| B | 25 mm |
| C | 22 mm |
| a | 21,1 mm |
| r min. | 2 mm |
| r1 min. | 1,5 mm |
| da min. | 57 mm |
| Da min | 86 mm |
| Da max. | 91 mm |
| db max. | 58 mm |
| Db min. | 93 mm |
| ra max. | 2 mm |
| rb max. | 1,5 mm |
| Weight | 1,01 Kg |
| Basic dynamic load rating (C) | 112 kN |
| Basic static load rating (C0) | 127 kN |
| (Grease) Lubrication Speed | 3800 r/min |
| (Oil) Lubrication Speed | 5300 r/min |
| Calculation factor (e) | 0,35 |
| Calculation factor (Y0) | 0,96 |

HR30309J Bearing 2D drawings and 3D CAD models



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|----------------------|------------|
| Category | Bearings |
| Inventory | 0.0 |
| Manufacturer Name | NSK |
| Minimum Buy Quantity | N/A |
| Weight / Kilogram | 0 |
| Product Group | B04334 |
| LangID | 1 |
| outer r | 1.5 |
| D_ | 100 |
| TC-BET22 | 0 |
| TC-BET21 | 4 |
| TC-BET23 | 0 |
| inner r | 2 |
| mass | 1.01 |
| GRS rpm | 3800 |
| D_b | 93 |
| Cr | 11400 |
| TC-RA | 202.838 |
| DE_ | 86.84 |
| T-ALP23 | 20 |
| db | 58 |
| T-ALP22 | 54 |
| Prod_Type3 | TRBSR_MD_A |
| da | 57 |
| T-ALP21 | 25 |
| Iso | 2FB |
| ALPHA_ | 12.953 |
| SDM_ | 73.581 |
| SBRG | 3 |
| D_a2 | 86 |
| hidYobi | HR30309J |
| Y1 | 1.7 |
| | |



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| | |
|----------|-------------|
| D_a1 | 91 |
| B_ | 25 |
| hidTable | ecat_NSTPRM |
| Oil rpm | 5300 |
| C0r | 12900 |
| Y0 | 0.96 |
| TC-SLR | 18 |
| inner ra | 2 |
| outer rb | 1.5 |
| C0 | 127 |
| Sa | 3 |
| Sb | 5 |
| e | 0.35 |
| DA_ | 13.533 |
| Z_ | 16 |
| C_ | 22 |
| yobi | HR30309J |
| TC-DA1 | 14.157 |
| TC-DA2 | 12.909 |
| KBRG | 3111 |
| DI_ | 60.321 |