



HM803149/HM803110 Bearing 2D drawings and 3D CAD models

NSK HM803149/HM803110 tapered roller bearings

Bearing No. HM803149/HM803110

| | |
|-------------------------------|----------------------|
| Size | 44.45x88.9x30.162 mm |
| Bore Diameter | 44,45 mm |
| Outer Diameter | 88,9 mm |
| Width | 30,162 mm |
| d | 44,45 mm |
| D | 88,9 mm |
| T | 30,162 mm |
| B | 29,37 mm |
| C | 23,02 mm |
| ra1 max. | 3,3 mm |
| a | 25,6 mm |
| r min. | 3,5 mm |
| r1 min. | 3,3 mm |
| Da | 74 mm |
| db | 53 mm |
| ra max. | 3,5 mm |
| da | 62 mm |
| Db | 85 mm |
| Weight | 0,85 Kg |
| Basic dynamic load rating (C) | 96,5 kN |
| Basic static load rating (C0) | 129 kN |
| (Grease) Lubrication Speed | 4000 r/min |
| (Oil) Lubrication Speed | 5600 r/min |
| Calculation factor (e) | 0,55 |
| Calculation factor (Y0) | 0,6 |



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|------------|---------------------|
| LangID | 1 |
| ALP23 | 0 |
| outer r | 3.3 |
| ALP22 | 0 |
| D_ | 88.9 |
| ALP21 | 40 |
| SHOG_yobi | HM803149R/HM803110R |
| RAr | 120.823 |
| inner r | 3.5 |
| GRS rpm | 4000 |
| D_b | 85 |
| D_a | 74 |
| DE_ | 74.65 |
| SLR | 22.5 |
| Prod_Type3 | TRBSR_ID_A |
| BETA_ | 2 |
| ALPHA_ | 20 |
| SDM_ | 66.02 |
| DA1 | 10.399 |
| DA2 | 8.471 |
| hidYobi | HM803149/HM803110 |
| Y1 | 1.1 |
| B_ | 29.37 |
| Oil rpm | 5600 |
| hidTable | ecat_NSTPRI |
| Y0 | 0.6 |
| inner ra | 3.5 |
| outer rb | 3.3 |
| C0 | 129 |
| CUP | 0.322 |
| e | 0.55 |
| DA_ | 9.44 |
| | |



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|-------|-------------------|
| BET21 | 4 |
| BET22 | 56 |
| BET23 | 0 |
| Z_ | 18 |
| C_ | 23.02 |
| yobi | HM803149/HM803110 |
| KBRG | 3161 |
| CONE | 0.528 |
| DI_ | 56.886 |