



HR32322J Bearing 2D drawings and 3D CAD models

## HR32322J NSK CYLINDRICAL ROLLER BEARING

Bearing No. HR32322J

|                               |                 |
|-------------------------------|-----------------|
| Size                          | 110x240x84.5 mm |
| Bore Diameter                 | 110 mm          |
| Outer Diameter                | 240 mm          |
| Width                         | 84,5 mm         |
| d                             | 110 mm          |
| D                             | 240 mm          |
| T                             | 84,5 mm         |
| B                             | 80 mm           |
| C                             | 65 mm           |
| a                             | 58,5 mm         |
| r min.                        | 4 mm            |
| r1 min.                       | 3 mm            |
| da min.                       | 135 mm          |
| Da min                        | 201 mm          |
| Da max.                       | 226 mm          |
| db max.                       | 139 mm          |
| Db min.                       | 222 mm          |
| ra max.                       | 3 mm            |
| rb max.                       | 2,5 mm          |
| Weight                        | 17,1 Kg         |
| Basic dynamic load rating (C) | 675 kN          |
| Basic static load rating (C0) | 910 kN          |
| (Grease) Lubrication Speed    | 1500 r/min      |
| (Oil) Lubrication Speed       | 2000 r/min      |
| Calculation factor (e)        | 0,35            |



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|                         |             |
|-------------------------|-------------|
| Calculation factor (Y0) | 0,96        |
| LangID                  | 1           |
| outer r                 | 3           |
| D_                      | 240         |
| TC-BET22                | 0           |
| TC-BET21                | 4           |
| TC-BET23                | 0           |
| inner r                 | 4           |
| mass                    | 17.1        |
| GRS rpm                 | 1500        |
| D_b                     | 222         |
| Cr                      | 68500       |
| TC-RA                   | 492         |
| DE_                     | 207.021     |
| T-ALP23                 | 20          |
| db                      | 139         |
| T-ALP22                 | 54          |
| Prod_Type3              | TRBSR_MD_A  |
| da                      | 135         |
| T-ALP21                 | 25          |
| Iso                     | 2GD         |
| ALPHA_                  | 12.953      |
| SDM_                    | 175.668     |
| SBRG                    | 23          |
| D_a2                    | 201         |
| hidYobi                 | HR32322J    |
| Y1                      | 1.7         |
| D_a1                    | 226         |
| B_                      | 80          |
| hidTable                | ecat_NSTPRM |
| Oil rpm                 | 2000        |
| C0r                     | 93000       |
|                         |             |



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|          |          |
|----------|----------|
| Y0       | 0.96     |
| TC-SLR   | 56       |
| inner ra | 3        |
| outer rb | 2.5      |
| C0       | 910      |
| Sa       | 6        |
| Sb       | 19.5     |
| e        | 0.35     |
| DA_      | 32.395   |
| Z_       | 15       |
| C_       | 65       |
| yobi     | HR32322J |
| TC-DA1   | 34.339   |
| TC-DA2   | 30.451   |
| KBRG     | 3111     |
| DI_      | 144.314  |