



# NTPT NTK BEARINGS CO.,LTD.



100 mm x 180 mm x 34 mm KOYO NUP220R  
Cylindrical roller bearing

Bearing No. NUP220R

NUP220R Bearing 2D drawings and 3D CAD models

|                               |               |
|-------------------------------|---------------|
| Size                          | 100x180x34 mm |
| Bore Diameter                 | 100 mm        |
| Outer Diameter                | 180 mm        |
| Width                         | 34 mm         |
| d                             | 100 mm        |
| Fw                            | 119 mm        |
| D                             | 180 mm        |
| B                             | 34 mm         |
| C                             | 34 mm         |
| r min.                        | 2.1 mm        |
| r1 min.                       | 2.1 mm        |
| Weight                        | 3.52 Kg       |
| Basic dynamic load rating (C) | 250 kN        |
| Basic static load rating (C0) | 306 kN        |
| (Grease) Lubrication Speed    | 3500 r/min    |
| Bearing No.                   | NUP220R       |
| r(min)                        | 2.1           |
| r1(min)                       | 2.1           |
| Cr                            | 312           |
| C0r                           | 306           |
| Cu                            | 43.0          |
| Grease lub.                   | 3500          |
| Oil lub.                      | 4200          |
| Ew                            | -             |
| d1                            | -             |



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|                  |     |
|------------------|-----|
| B1               | -   |
| B2               | -   |
| da(min)          | 111 |
| db(min)          | 111 |
| db(max)          | 117 |
| dc(min)          | -   |
| dd(min)          | -   |
| Da(max)          | 169 |
| Db(max)          | -   |
| Db(min)          | -   |
| ra(max)          | 2   |
| rb(max)          | 2   |
| (Refer.)Mass(kg) | 3.7 |