

# Toyana NP202 E cylindrical roller bearings

Toyana NP202 E cylindrical roller bearings Deal is your source for OEM 115x75x20 Size (mm) and accessories. We sell Genuine at discount prices.

|                               |           |
|-------------------------------|-----------|
| Size (mm)                     | 115x75x20 |
| Bore Diameter (mm)            | 115       |
| Outer Diameter (mm)           | 75        |
| Width (mm)                    | 20        |
| d                             | 75 mm     |
| D                             | 115 mm    |
| B                             | 20 mm     |
| d1                            | 89.28 mm  |
| d2                            | 86.8 mm   |
| D2                            | 104.1 mm  |
| r1,2 – min.                   | 1.1 mm    |
| r3,4 – min.                   | 0.6 mm    |
| a                             | 22.8 mm   |
| da – min.                     | 81 mm     |
| da – max.                     | 88.5 mm   |
| db – min.                     | 81 mm     |
| db – max.                     | 86 mm     |
| Da – max.                     | 109 mm    |
| Db – max.                     | 110.8 mm  |
| ra – max.                     | 1 mm      |
| rb – max.                     | 0.6 mm    |
| Basic dynamic load rating – C | 26 kN     |

|                                       |              |
|---------------------------------------|--------------|
| Basic static load rating – C0         | 21.6 kN      |
| Fatigue load limit – Pu               | 0.915 kN     |
| Limiting speed for grease lubrication | 19000 r/min  |
| Ball – Dw                             | 9.525 mm     |
| Ball – z                              | 26           |
| Calculation factor – f0               | 9.5          |
| Preload class A – GA                  | 140 N        |
| Preload class B – GB                  | 420 N        |
| Preload class C – GC                  | 840 N        |
| Calculation factor – f                | 1            |
| Calculation factor – f2A              | 1            |
| Calculation factor – f2B              | 1.03         |
| Calculation factor – f2C              | 1.05         |
| Calculation factor – fHC              | 1.01         |
| Preload class A                       | 72 N/micron  |
| Preload class B                       | 113 N/micron |
| Preload class C                       | 156 N/micron |
| r1,2 min.                             | 1.1 mm       |
| r3,4 min.                             | 0.6 mm       |
| da min.                               | 81 mm        |
| da max.                               | 88.5 mm      |
| db min.                               | 81 mm        |
| db max.                               | 86 mm        |
| Da max.                               | 109 mm       |
| Db max.                               | 110.8 mm     |
| ra max.                               | 1 mm         |
| rb max.                               | 0.6 mm       |
| Basic dynamic load rating C           | 26 kN        |
| Basic static load rating C0           | 21.6 kN      |

|   |                |
|---|----------------|
| Fatigue load limit $P_u$                | 0.915 kN       |
| Attainable speed for grease lubrication | 19000 r/min    |
| Ball diameter $D_w$                     | 9.525 mm       |
| Number of balls $z$                     | 26             |
| Preload class A $G_A$                   | 140 N          |
| Static axial stiffness, preload class A | 72 N/ $\mu$ m  |
| Preload class B $G_B$                   | 420 N          |
| Static axial stiffness, preload class B | 113 N/ $\mu$ m |
| Preload class C $G_C$                   | 840 N          |
| Static axial stiffness, preload class C | 156 N/ $\mu$ m |
| Calculation factor $f$                  | 1.1            |
| Calculation factor $f_1$                | 1              |
| Calculation factor $f_{2A}$             | 1              |
| Calculation factor $f_{2B}$             | 1.03           |
| Calculation factor $f_{2C}$             | 1.05           |
| Calculation factor $f_{HC}$             | 1.01           |
| Calculation factor $f_0$                | 9.5            |
| Mass bearing                            | 0.62 kg        |