

# NKE NU338-E-MPA cylindrical roller bearings

Question NKE NU338-E-MPA cylindrical roller bearings ? Find what 95,25 Outer Diameter (mm) you need 44,45 Bore Diameter (mm) faster by entering 44.45×95.25×30.958 Size (mm) your information .

|                               |                    |
|-------------------------------|--------------------|
| Size (mm)                     | 44.45×95.25×30.958 |
| Bore Diameter (mm)            | 44,45              |
| Outer Diameter (mm)           | 95,25              |
| Width (mm)                    | 30,958             |
| d                             | 44,45 mm           |
| D                             | 95,25 mm           |
| T                             | 30,958 mm          |
| B                             | 28,3 mm            |
| C                             | 20,638 mm          |
| ra1 max.                      | 0,8 mm             |
| a                             | 0,5 mm             |
| Da                            | 81 mm              |
| db                            | 53 mm              |
| ra max.                       | 3,5 mm             |
| da                            | 63 mm              |
| Db                            | 89 mm              |
| Weight                        | 0,925 Kg           |
| Basic dynamic load rating (C) | 82,5 kN            |
| Basic static load rating (C0) | 92 kN              |
| (Grease) Lubrication Speed    | 3 700 r/min        |
| (Oil) Lubrication Speed       | 5 000 r/min        |

|   |           |
|---|-----------|
| Calculation factor (e)                        | 0,74      |
| Calculation factor (Y0)                       | 0,45      |
| d1  | 70.8 mm   |
| e   | 0.74      |
| Y2  | 0.81      |
| Y0  | 0.45      |
| Mass  | 0.93 kg   |
| Dynamic load, C                               | 82.5 kN   |
| Rating life coefficient, A2                   | 1.4       |
| Static load, C0                               | 92 kN     |
| Fatigue limit load, Cu                        | 11.2 kN   |
| Nlim (oil)                                    | 5,000 rpm |
| Nlim (grease)                                 | 3,700 rpm |
| Min operating temperature, Tmin               | -40 °C    |
| Max operating temperature, Tmax               | 120 °C    |
| Characteristic cage frequency, FTF            | 0.42 Hz   |
| Characteristic rolling element frequency, BSF | 5.61 Hz   |
| Characteristic outer ring frequency, BPF0     | 5.91 Hz   |
| Characteristic inner ring frequency, BRFI     | 8.09 Hz   |
| ra max  | 2 mm      |
| rla max                                       | 0.8 mm    |