

# NKE 32211 tapered roller bearings

We work closely with our NKE 32211 tapered roller bearings manufacturing partners to bring the best value to customers.

|   |            |
|---|------------|
| d   | 12 mm      |
| D   | 32 mm      |
| B   | 10 mm      |
| rs min  | 0.6 mm     |
| Radial clearance class                                | CN         |
| Mass  | 0.04 kg    |
| Dynamic load, C                                       | 6.1 kN     |
| Static load, C <sub>0</sub>                           | 2.75 kN    |
| Fatigue limit load, C <sub>u</sub>                    | 0.13 kN    |
| f <sub>0</sub>  | 12.7       |
| N <sub>lim</sub> (grease)                             | 16,000 rpm |
| Min operating temperature, T <sub>min</sub>           | -20 °C     |
| Max operating temperature, T <sub>max</sub>           | 110 °C     |
| Characteristic cage frequency, FTF                    | 0.37 Hz    |
| Characteristic rolling element frequency, BSF         | 3.71 Hz    |
| Characteristic outer ring frequency, BPF <sub>0</sub> | 2.62 Hz    |
| Characteristic inner ring frequency, BPF <sub>I</sub> | 4.38 Hz    |
| da min  | 16 mm      |
| da max  | 17 mm      |
| Da max  | 28 mm      |
| ra max  | 0.6 mm     |