



Technical Information



| Inner bore<br><i>d</i><br>mm | Bearing number   |              | Principal dimensions |                |          | Basic load ratings       |                                 | Max runout speed |       | Weight<br>kg |
|------------------------------|------------------|--------------|----------------------|----------------|----------|--------------------------|---------------------------------|------------------|-------|--------------|
|                              | cylindrical bore | tapered bore | <i>D</i>             | <i>W</i><br>mm | <i>r</i> | dynamic<br><i>C</i><br>N | static<br><i>C</i> <sub>0</sub> | grease<br>oil    | r/min |              |
| 10                           | 1200             |              | 30                   | 9              | 0.6      | 4400                     | 900                             | 16800            | 21000 | 0.340        |
| 12                           | 1201             |              | 32                   | 10             | 0.6      | 4900                     | 1100                            | 15400            | 19600 | 0.040        |
| 15                           | 1202             |              | 35                   | 11             | 0.6      | 5900                     | 1400                            | 13300            | 16800 | 0.049        |
| 17                           | 1203             |              | 40                   | 12             | 0.6      | 7000                     | 1700                            | 12600            | 15400 | 0.073        |
| 20                           | 1204             | 1204 K       | 47                   | 14             | 1.0      | 10100                    | 2700                            | 10500            | 12600 | 0.120        |
| 25                           | 1205             | 1205 K       | 52                   | 15             | 1.0      | 11400                    | 3200                            | 9100             | 11200 | 0.140        |
| 30                           | 1206             | 1206 K       | 62                   | 16             | 1.0      | 12400                    | 3700                            | 7000             | 9100  | 0.220        |
| 35                           | 1207             | 1207 K       | 72                   | 17             | 1.1      | 15200                    | 4800                            | 6300             | 7700  | 0.320        |
| 40                           | 1208             | 1208 K       | 80                   | 18             | 1.1      | 15900                    | 5500                            | 5900             | 7000  | 0.420        |
| 45                           | 1209             | 1209 K       | 85                   | 19             | 1.1      | 18300                    | 6200                            | 5200             | 6300  | 0.470        |
| 50                           | 1210             | 1210 K       | 90                   | 20             | 1.1      | 21200                    | 7300                            | 4900             | 5900  | 0.530        |
| 55                           | 1211             | 1211 K       | 100                  | 21             | 1.5      | 22000                    | 8400                            | 4400             | 5200  | 0.710        |
| 60                           | 1212             | 1212 K       | 110                  | 22             | 1.5      | 24900                    | 9700                            | 3900             | 4600  | 0.900        |
| 65                           | 1213             | 1213 K       | 120                  | 23             | 1.5      | 28000                    | 11200                           | 3700             | 4400  | 1.150        |
| 70                           | 1214             |              | 125                  | 24             | 1.5      | 27600                    | 10900                           | 3500             | 4200  | 1.250        |
| 75                           | 1215             | 1215 K       | 130                  | 25             | 1.5      | 31200                    | 12400                           | 3300             | 3900  | 1.350        |
| 80                           | 1216             | 1216 K       | 140                  | 26             | 2.0      | 31700                    | 13600                           | 3100             | 3700  | 1.650        |
| 85                           | 1217             | 1217 K       | 150                  | 28             | 2.0      | 39000                    | 16600                           | 2800             | 3300  | 2.050        |
| 90                           | 1218             | 1218 K       | 160                  | 30             | 2.0      | 45700                    | 18800                           | 2600             | 3100  | 2.500        |

