



| Bearing No. | Boundary dimensions<br>[mm] |     |    | Basic load ratings(kN) |             | Limiting speed(rpm ) |       | Mass<br>Kg |
|-------------|-----------------------------|-----|----|------------------------|-------------|----------------------|-------|------------|
|             | d                           | D   | B  | Dynamic(Cr)            | Static(Cor) | Grease               | Oil   |            |
| 7901AC      | 12                          | 24  | 6  | 3.2                    | 1.7         | 28000                | 36000 | 0.011      |
| 7902AC      | 15                          | 28  | 7  | 4.5                    | 2.5         | 24000                | 32000 | 0.015      |
| 7903AC      | 17                          | 30  | 7  | 4.8                    | 2.7         | 22000                | 30000 | 0.017      |
| 7904AC      | 20                          | 37  | 9  | 6.4                    | 4           | 20000                | 28000 | 0.035      |
| 7905AC      | 25                          | 42  | 9  | 7.5                    | 5.2         | 18000                | 26000 | 0.042      |
| 7906AC      | 30                          | 47  | 9  | 7.9                    | 6           | 16000                | 24000 | 0.048      |
| 7907AC      | 35                          | 55  | 10 | 11.7                   | 8.8         | 14000                | 22000 | 0.075      |
| 7908AC      | 40                          | 62  | 12 | 14.1                   | 10.1        | 12000                | 20000 | 0.11       |
| 7909AC      | 45                          | 68  | 12 | 15.4                   | 12.2        | 10000                | 18000 | 0.13       |
| 7910AC      | 50                          | 72  | 12 | 16.1                   | 14.8        | 8000                 | 16000 | 0.14       |
| 7911AC      | 55                          | 80  | 13 | 18.7                   | 17.5        | 7500                 | 15000 | 0.183      |
| 7912AC      | 60                          | 85  | 13 | 19                     | 18          | 7000                 | 14000 | 0.198      |
| 7913AC      | 65                          | 90  | 13 | 19.4                   | 20          | 6500                 | 13000 | 0.212      |
| 7914AC      | 70                          | 100 | 16 | 27.1                   | 26.3        | 6300                 | 12000 | 0.342      |
| 7915AC      | 75                          | 105 | 16 | 27                     | 27.7        | 6000                 | 10000 | 0.36       |
| 7916AC      | 80                          | 116 | 16 | 27.5                   | 29          | 5500                 | 10000 | 0.381      |
| 7917AC      | 85                          | 120 | 18 | 38                     | 39.1        | 5000                 | 9000  | 0.542      |
| 7918AC      | 90                          | 125 | 18 | 39.8                   | 44.5        | 5000                 | 8500  | 0.56       |
| 7919AC      | 95                          | 130 | 18 | 40                     | 45.5        | 4500                 | 8500  | 0.604      |
| 7920AC      | 100                         | 140 | 20 | 46.4                   | 50          | 4300                 | 8200  | 0.808      |
| 7921AC      | 105                         | 145 | 20 | 47                     | 55.2        | 4000                 | 8000  | 0.83       |

# 7900AC Series

|        |     |     |    |       |       |      |      |      |
|--------|-----|-----|----|-------|-------|------|------|------|
| 7922AC | 110 | 150 | 20 | 49.7  | 55.3  | 3800 | 7500 | 0.88 |
| 7924AC | 120 | 165 | 22 | 68.4  | 77.6  | 3600 | 7200 | 1.15 |
| 7926AC | 130 | 180 | 24 | 73.4  | 88.1  | 3400 | 7000 | 1.54 |
| 7928AC | 140 | 190 | 24 | 74.5  | 90.2  | 3200 | 6800 | 1.64 |
| 7930AC | 150 | 210 | 28 | 95.6  | 117.2 | 3000 | 6500 | 2.97 |
| 7932AC | 160 | 220 | 28 | 135.4 | 158.6 | 2800 | 6300 | 3.12 |