



| Bearing No. | Boundary dimensions(mm) |     |    | Basic load ratings(kN) |             | Limiting speed(rpm ) |       | Mass  |
|-------------|-------------------------|-----|----|------------------------|-------------|----------------------|-------|-------|
|             | d                       | D   | B  | Dynamic(Cr)            | Static(Cor) | Grease               | Oil   | Kg    |
| 7000C       | 10                      | 26  | 8  | 4.9                    | 2.1         | 24000                | 32000 | 0.019 |
| 7001C       | 12                      | 28  | 8  | 5.4                    | 2.6         | 22000                | 28000 | 0.021 |
| 7002C       | 15                      | 32  | 9  | 6.2                    | 3.3         | 19000                | 25000 | 0.03  |
| 7003C       | 17                      | 35  | 10 | 6.6                    | 3.6         | 16000                | 22000 | 0.04  |
| 7004C       | 20                      | 42  | 12 | 10.4                   | 6           | 14000                | 19000 | 0.064 |
| 7005C       | 25                      | 47  | 12 | 11.6                   | 7.4         | 12000                | 17000 | 0.074 |
| 7006C       | 30                      | 55  | 13 | 15.1                   | 10.2        | 9500                 | 14000 | 0.11  |
| 7007C       | 35                      | 62  | 14 | 18.2                   | 12.7        | 8500                 | 12000 | 0.15  |
| 7008C       | 40                      | 68  | 15 | 19.7                   | 14.9        | 8000                 | 11000 | 0.18  |
| 7009C       | 45                      | 75  | 16 | 25.9                   | 20.2        | 7500                 | 10000 | 0.23  |
| 7010C       | 50                      | 80  | 16 | 26.6                   | 21.8        | 6700                 | 9000  | 0.25  |
| 7011C       | 55                      | 90  | 18 | 38.9                   | 29.5        | 6000                 | 8000  | 0.38  |
| 7012C       | 60                      | 95  | 18 | 40.9                   | 33.1        | 5600                 | 7500  | 0.4   |
| 7013C       | 65                      | 100 | 18 | 40.1                   | 35.3        | 5300                 | 7000  | 0.43  |
| 7014C       | 70                      | 110 | 20 | 48.3                   | 43.1        | 5000                 | 6700  | 0.6   |
| 7015C       | 75                      | 115 | 20 | 49.6                   | 45.9        | 4800                 | 6300  | 0.63  |
| 7016C       | 80                      | 125 | 22 | 58.9                   | 54.7        | 4500                 | 6000  | 0.85  |
| 7017C       | 85                      | 130 | 22 | 58.1                   | 55.9        | 4300                 | 5600  | 0.89  |
| 7018C       | 90                      | 140 | 24 | 71.7                   | 68.7        | 4000                 | 5300  | 1.15  |

|       |     |     |    |       |       |      |      |      |
|-------|-----|-----|----|-------|-------|------|------|------|
| 7019C | 95  | 145 | 24 | 73.5  | 73.1  | 3800 | 5000 | 1.2  |
| 7020C | 100 | 150 | 24 | 74.4  | 72.5  | 3800 | 5000 | 1.25 |
| 7021C | 105 | 160 | 26 | 80.6  | 81.1  | 3600 | 4800 | 1.6  |
| 7022C | 110 | 170 | 28 | 101.4 | 100.3 | 3400 | 4600 | 1.95 |
| 7024C | 120 | 180 | 28 | 108.6 | 110.7 | 2800 | 3800 | 2.1  |
| 7026C | 130 | 200 | 33 | 129.4 | 134.7 | 2600 | 3400 | 3.33 |
| 7028C | 140 | 210 | 33 | 153.4 | 160.5 | 2400 | 3200 | 3.46 |
| 7030C | 150 | 225 | 35 | 183.9 | 194.2 | 2200 | 3000 | 4.8  |
| 7032C | 160 | 240 | 38 | 200.1 | 219.4 | 2000 | 2800 | 5.26 |