

| Bearing No. | Shaft Dia d |      | Dimensions(mm) |    |    |     |    |    |    |          |      | Basic load ratings (KN) |         | Weight (kg) |
|-------------|-------------|------|----------------|----|----|-----|----|----|----|----------|------|-------------------------|---------|-------------|
|             | 轴径          |      | 尺寸             |    |    |     |    |    |    |          |      | 基本额定负荷                  |         | 质量          |
|             | (in)        | (mm) | D              | Bi | Be | r   | n  | m  | G  | ds       | T    | dyc Cr                  | stc Cor |             |
|             |             |      |                |    |    |     |    |    |    |          |      | 动态                      | 静态      |             |
| UC305-14    | 7/8         |      | 62             | 38 | 21 | 2   | 15 | 23 | 6  | 1/4-28   | 6.1  | 1760                    | 1160    | 0.39        |
| UC305-15    | 15/16       |      | 62             | 38 | 21 | 2   | 15 | 23 | 6  | 1/4-28   | 6.1  | 1760                    | 1160    | 0.37        |
| UC305-16    | 1           |      | 62             | 38 | 21 | 2   | 15 | 23 | 6  | 1/4-28   | 6.1  | 1760                    | 1160    | 0.35        |
| UC305       |             | 25   | 62             | 38 | 21 | 2   | 15 | 23 | 6  | M6x0.75  | 6.1  | 1760                    | 1160    | 0.35        |
| UC306-18    | 1-1/8       |      | 72             | 43 | 23 | 2   | 17 | 26 | 6  | 1/4-28   | 6.7  | 2119                    | 1445    | 0.6         |
| UC306-19    | 1-3/16      |      | 72             | 43 | 23 | 2   | 17 | 26 | 6  | 1/4-28   | 6.7  | 2119                    | 1445    | 0.54        |
| UC306       |             | 30   | 72             | 43 | 23 | 2   | 17 | 26 | 6  | M6x0.75  | 6.7  | 2119                    | 1445    | 0.56        |
| UC307-20    | 1-1/4       |      | 80             | 48 | 25 | 2.5 | 19 | 29 | 8  | 5/16-24  | 7.4  | 2620                    | 1830    | 0.81        |
| UC307-21    | 1-5/16      |      | 80             | 48 | 25 | 2.5 | 19 | 29 | 8  | 5/16-24  | 7.4  | 2620                    | 1830    | 0.79        |
| UC307-22    | 1-3/8       |      | 80             | 48 | 25 | 2.5 | 19 | 29 | 8  | 5/16-24  | 7.4  | 2620                    | 1830    | 0.75        |
| UC307       |             | 35   | 80             | 48 | 25 | 2.5 | 19 | 29 | 8  | M8x1     | 7.4  | 2620                    | 1830    | 0.75        |
| UC308-24    | 1-1/2       |      | 90             | 52 | 27 | 2.5 | 19 | 33 | 10 | 3/8-24   | 8.2  | 3200                    | 2280    | 1.07        |
| UC308-25    | 1-9/16      |      | 90             | 52 | 27 | 2.5 | 19 | 33 | 10 | 3/8-24   | 8.2  | 3200                    | 2280    | 1           |
| UC308       |             | 40   | 90             | 52 | 27 | 2.5 | 19 | 33 | 10 | M10x1.25 | 8.2  | 3200                    | 2280    | 1           |
| UC309-26    | 1-5/8       |      | 100            | 57 | 30 | 2.5 | 22 | 35 | 10 | 3/8-24   | 9    | 4150                    | 3060    | 1.39        |
| UC309-27    | 1-11/16     |      | 100            | 57 | 30 | 2.5 | 22 | 35 | 10 | 3/8-24   | 9    | 4150                    | 3060    | 1.33        |
| UC309-28    | 1-3/4       |      | 100            | 57 | 30 | 2.5 | 22 | 35 | 10 | 3/8-24   | 9    | 4150                    | 3060    | 1.28        |
| UC309       |             | 45   | 100            | 57 | 30 | 2.5 | 22 | 35 | 10 | M10x1.25 | 9    | 4150                    | 3060    | 1.26        |
| UC310-30    | 1-7/8       |      | 110            | 61 | 32 | 3   | 22 | 39 | 12 | 7/16-20  | 10   | 4850                    | 3640    | 1.75        |
| UC310-31    | 1-15/16     |      | 110            | 61 | 32 | 3   | 22 | 39 | 12 | 7/16-20  | 10   | 4850                    | 3640    | 1.67        |
| UC310       |             | 50   | 110            | 61 | 32 | 3   | 22 | 39 | 12 | M12x1.5  | 10   | 4850                    | 3640    | 1.65        |
| UC311-32    | 2           |      | 120            | 66 | 34 | 3   | 25 | 41 | 12 | 7/16-20  | 10.7 | 5620                    | 4280    | 2.3         |
| UC311-34    | 2-1/2       |      | 120            | 66 | 34 | 3   | 25 | 41 | 12 | 7/16-20  | 10.7 | 5620                    | 4280    | 2.2         |
| UC311-35    | 2-3/16      |      | 120            | 66 | 34 | 3   | 25 | 41 | 12 | 7/16-20  | 10.7 | 5620                    | 4280    | 2           |
| UC311       |             | 55   | 120            | 66 | 34 | 3   | 25 | 41 | 12 | M12x1.5  | 10.7 | 5620                    | 4280    | 2.1         |
| UC312-36    | 2-1/4       |      | 130            | 71 | 36 | 3.5 | 26 | 45 | 12 | 7/16-20  | 11.5 | 6420                    | 4960    | 2.8         |
| UC312-38    | 2-3/8       |      | 130            | 71 | 36 | 3.5 | 26 | 45 | 12 | 7/16-20  | 11.5 | 6420                    | 4960    | 2.6         |
| UC312-39    | 2-7/16      |      | 130            | 71 | 36 | 3.5 | 26 | 45 | 12 | 7/16-20  | 11.5 | 6420                    | 4960    | 2.6         |
| UC312       |             | 60   | 130            | 71 | 36 | 3.5 | 26 | 45 | 12 | M12x1.5  | 11.5 | 6420                    | 4960    | 2.5         |
| UC313-40    | 2-1/2       |      | 140            | 75 | 38 | 3.5 | 30 | 45 | 12 | 7/16-20  | 12.2 | 7370                    | 5780    | 3.46        |
| UC313       |             | 65   | 140            | 75 | 38 | 3.5 | 30 | 45 | 12 | M12x1.5  | 12.2 | 7370                    | 5780    | 3.32        |

|          |       |     |     |     |    |     |    |    |    |         |      |       |       |       |
|----------|-------|-----|-----|-----|----|-----|----|----|----|---------|------|-------|-------|-------|
| UC314-44 | 2-3/4 |     | 150 | 78  | 40 | 3.5 | 33 | 45 | 12 | 7/16-20 | 13   | 8170  | 6480  | 3.9   |
| UC314    |       | 70  | 150 | 78  | 40 | 3.5 | 33 | 45 | 12 | M12x1.5 | 13   | 8170  | 6480  | 3.9   |
| UC315-48 | 3     |     | 160 | 82  | 42 | 3.5 | 32 | 50 | 14 | 36942   | 13.8 | 8900  | 7310  | 4.33  |
| UC315    |       | 75  | 160 | 82  | 42 | 3.5 | 32 | 50 | 14 | M14x1.5 | 13.8 | 8900  | 7310  | 4.18  |
| UC316-50 | 3-1/8 |     | 170 | 86  | 44 | 3.5 | 34 | 52 | 14 | 36942   | 14.5 | 9650  | 8330  | 5.25  |
| UC315    |       | 80  | 170 | 86  | 44 | 3.5 | 34 | 52 | 14 | M14x1.5 | 14.5 | 9650  | 8330  | 5.25  |
| UC317-52 | 3-1/4 |     | 180 | 96  | 46 | 4   | 40 | 56 | 16 | 38582   | 15   | 10410 | 9130  | 7     |
| UC317    |       | 85  | 180 | 96  | 46 | 4   | 40 | 56 | 16 | M16x1.5 | 15   | 10410 | 9130  | 6.7   |
| UC318-56 | 3-1/2 |     | 190 | 96  | 48 | 4   | 40 | 56 | 16 | 38582   | 15.9 | 11300 | 10300 | 7.65  |
| UC318    |       | 90  | 190 | 96  | 48 | 4   | 40 | 56 | 16 | M16x1.5 | 15.9 | 11300 | 10300 | 7.6   |
| UC319-60 | 3-3/4 |     | 200 | 103 | 50 | 4   | 41 | 62 | 16 | 38582   |      | 12300 | 11600 | 8.75  |
| UC319    |       | 95  | 200 | 103 | 50 | 4   | 41 | 62 | 16 | M16x1.5 | 16.7 | 12300 | 11600 | 8.75  |
| UC320-64 | 4     | 100 | 215 | 108 | 54 | 4   | 42 | 66 | 18 | 37727   | 18   | 14300 | 12800 | 10.03 |
| UC320    |       | 100 | 215 | 108 | 54 | 4   | 42 | 66 | 18 | M18x1.5 | 18   | 14300 | 12800 | 10.28 |
| UC321    |       | 105 | 225 | 112 | 56 | 4   | 44 | 68 | 18 | M18x1.5 | 19   | 18700 | 16300 | 12.3  |
| UC322    |       | 110 | 240 | 117 | 60 | 4   | 46 | 71 | 18 | M18x1.5 | 21   | 20900 | 18300 | 14.5  |
| UC324    |       | 120 | 260 | 126 | 64 | 4   | 51 | 75 | 18 | M18x1.5 | 22   | 21100 | 18400 | 18.7  |
| UC326    |       | 130 | 280 | 135 | 68 | 5   | 54 | 81 | 20 | M20x1.5 | 23   | 23400 | 20400 | 23.3  |
| UC328    |       | 140 | 300 | 145 | 73 | 5   | 59 | 86 | 20 | M20x1.5 | 25   | 26000 | 22700 | 28.9  |