

## Double Row Tapered Roller Bearing

Tapered Roller Bearing

Double Row Tapered Roller Bearing 



| Bearing No.   | Boundary dimensions (mm) |       |         |         |         | Basic load ratings(kN) |             | Limiting speed(rpm ) |      | Mass |
|---------------|--------------------------|-------|---------|---------|---------|------------------------|-------------|----------------------|------|------|
|               | d                        | D     | T       | C       | B       | Dynamic(Cr)            | Static(Cor) | Grease               | Oil  | Kg   |
| 10979/1120    | 1120                     | 1460  | 335     | 250     | 158     | 9000                   | 29500       | 160                  | 210  | 1350 |
| 3519/900      | 900                      | 1180  | 275     | 205     | 122     | 6950                   | 21300       | 200                  | 260  | 763  |
| 3519/850      | 850                      | 1120  | 268     | 188     | 118     | 6230                   | 18700       | 210                  | 270  | 645  |
| 3519/80       | 800                      | 1060  | 270     | 204     | 115     | 6250                   | 15200       | 220                  | 300  | 606  |
| 3519/750      | 750                      | 1000  | 264     | 194     | 112     | 4850                   | 15600       | 230                  | 310  | 546  |
| 3519/750X2/HC | 750                      | 1000  | 255     | 190     | 112     | 4900                   | 15100       | 230                  | 310  | 535  |
| 10979/710     | 710                      | 950   | 240     | 175     | 106     | 4300                   | 13200       | 250                  | 320  | 445  |
| 879/635       | 635                      | 939.8 | 304.8   | 110     | 304.8   | 5400                   | 9400        | 280                  | 380  | 721  |
| 3519/600      | 600                      | 800   | 205     | 156     | 90      | 3100                   | 9050        | 290                  | 390  | 247  |
| 877/570       | 570                      | 750   | 240     | 100     | 240     | 3500                   | 11800       | 310                  | 410  | 287  |
| 878/530       | 530                      | 730   | 250     | 104     | 250     | 4600                   | 13400       | 320                  | 420  | 323  |
| 3519/530      | 530                      | 710   | 190     | 136     | 82      | 2430                   | 6300        | 320                  | 420  | 176  |
| 332171        | 510.13                   | 800   | 285     | 100     | 285     | 4950                   | 12500       | 330                  | 430  | 532  |
| 879/500       | 501.65                   | 711.2 | 250.825 | 106.363 | 250.825 | 4500                   | 13400       | 340                  | 440  | 323  |
| 32930/DF      | 150                      | 210   | 76      | 30      | 38      | 415                    | 920         | 1200                 | 1500 | 7.99 |
| 2057930       | 150                      | 210   | 80      | 62      | 36      | 350                    | 795         | 1200                 | 1500 | 9.1  |
| 2097930       | 150                      | 210   | 80      | 62      | 36      | 350                    | 795         | 1200                 | 1500 | 9.3  |
| 97830         | 150                      | 225   | 112     | 88      | 45      | 1000                   | 1690        | 1200                 | 1500 | 14.1 |
| 2097730       | 150                      | 250   | 138     | 112     | 60      | 785                    | 1560        | 1100                 | 1500 | 25.8 |
| 97730         | 150                      | 270   | 109     | 87      | 45      | 647                    | 678         | 1100                 | 1500 | 24.5 |
| 97530EK       | 150                      | 270   | 169     | 138     | 73      | 1160                   | 2330        | 1100                 | 1500 | 39.4 |
| 2097932       | 160                      | 220   | 82      | 65      | 36      | 375                    | 860         | 1100                 | 1500 | 8.15 |
| 2097132       | 160                      | 240   | 115     | 90      | 48      | 680                    | 1330        | 1100                 | 1400 | 16.5 |
| 352132X2/HA   | 160                      | 270   | 140     | 120     | 65      | 970                    | 1930        | 1000                 | 1400 | 31.8 |
| 352132X2/HAC9 | 160                      | 270   | 140     | 120     | 65      | 970                    | 1930        | 1000                 | 1400 | 31.8 |
| 37732         | 160                      | 270   | 140     | 110     | 70      | 1560                   | 2610        | 1000                 | 1400 | 26.7 |
| 2097732       | 160                      | 270   | 150     | 120     | 70      | 880                    | 1720        | 1000                 | 1400 | 28.3 |
| 2097732Y      | 160                      | 270   | 150     | 120     | 70      | 880                    | 1720        | 1000                 | 1400 | 28   |
| 97532         | 160                      | 290   | 180     | 140     | 80      | 1200                   | 2420        | 920                  | 1200 | 46.2 |
| 97833U        | 165                      | 290   | 150     | 125     | 70      | 1100                   | 2300        | 920                  | 1200 | 41.1 |
| 2097934       | 170                      | 230   | 82      | 65      | 36      | 380                    | 890         | 1000                 | 1400 | 8.1  |
| 87834         | 170                      | 230   | 65      | 27      | 65      | 410                    | 945         | 1000                 | 1400 | 6.79 |
| 2097134       | 170                      | 260   | 120     | 95      | 54      | 685                    | 1550        | 1000                 | 1300 | 20.4 |
| 2057134       | 170                      | 260   | 120     | 95      | 54      | 685                    | 1550        | 1000                 | 1300 | 20   |

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|             |     |     |       |      |       |      |      |      |      |      |
|-------------|-----|-----|-------|------|-------|------|------|------|------|------|
| 2097734     | 170 | 280 | 150   | 120  | 66    | 975  | 2000 | 950  | 1300 | 35.6 |
| 352936X2    | 180 | 250 | 95    | 74   | 42    | 460  | 1060 | 1000 | 1300 | 13   |
| 2097136     | 180 | 280 | 134   | 108  | 60    | 855  | 1810 | 940  | 1300 | 28.5 |
| 37736       | 180 | 285 | 108   | 79.4 | 54    | 665  | 1190 | 940  | 1300 | 23.2 |
| 2097736     | 180 | 300 | 164   | 134  | 72    | 1090 | 2350 | 890  | 1200 | 39.9 |
| 97536K      | 180 | 320 | 192   | 152  | 86    | 1390 | 2750 | 890  | 1200 | 60   |
| 97536       | 180 | 320 | 190   | 145  | 86    | 1390 | 2750 | 890  | 1200 | 52.4 |
| 97736       | 180 | 340 | 180   | 140  | 83    | 1550 | 2860 | 840  | 1100 | 71.9 |
| 352938X2    | 190 | 260 | 95    | 75   | 42    | 550  | 1450 | 940  | 1300 | 13.3 |
| 32538X2/DB  | 190 | 260 | 95    | 75   | 42    | 550  | 1450 | 940  | 1300 | 14.4 |
| 2097138     | 190 | 290 | 134   | 104  | 60    | 845  | 1860 | 890  | 1200 | 28.8 |
| 2097738     | 190 | 320 | 170   | 130  | 76    | 1200 | 2400 | 840  | 1100 | 52   |
| 2097940     | 200 | 280 | 110   | 85   | 48    | 610  | 1530 | 900  | 1200 | 18.1 |
| 352040X2-1  | 200 | 310 | 151   | 118  | 66    | 905  | 2080 | 840  | 1100 | 38.9 |
| 352040X2-1  | 200 | 310 | 151   | 120  | 66    | 905  | 2080 | 840  | 1100 | 38.3 |
| 2097740     | 200 | 340 | 184   | 150  | 82    | 1650 | 3400 | 800  | 1100 | 63.8 |
| 97540E      | 200 | 360 | 218   | 98   | 174   | 2140 | 4350 | 800  | 1100 | 93.3 |
| 37741       | 205 | 320 | 150   | 110  | 75    | 730  | 1610 | 940  | 1100 | 40.2 |
| 2097944     | 220 | 300 | 110   | 88   | 48    | 640  | 1720 | 810  | 1100 | 21.2 |
| 2097144     | 220 | 340 | 165   | 130  | 72    | 1250 | 2730 | 760  | 1000 | 47.7 |
| 2097744     | 220 | 370 | 195   | 150  | 88    | 1530 | 3200 | 760  | 1000 | 76.3 |
| 37745       | 225 | 360 | 146.5 | 111  | 73.25 | 1160 | 2290 | 760  | 1000 | 48.2 |
| 37746       | 230 | 355 | 145   | 110  | 72.5  | 1070 | 2310 | 760  | 1000 |      |
| 2097948     | 240 | 320 | 105   | 82   | 48    | 605  | 1590 | 760  | 1000 | 22.3 |
| 2097948K    | 240 | 320 | 110   | 87   | 48    | 605  | 1590 | 760  | 1000 | 23   |
| 2097948K1   | 240 | 320 | 110   | 87   | 48    | 605  | 1590 | 760  | 1000 | 23.2 |
| 2097148     | 240 | 360 | 165   | 130  | 72    | 1330 | 2890 | 690  | 920  | 52.8 |
| 2097748     | 240 | 400 | 210   | 163  | 95    | 1870 | 4050 | 630  | 840  | 98.1 |
| 209752K     | 260 | 360 | 134   | 108  | 60    | 915  | 2500 | 670  | 900  | 39.7 |
| 209752      | 260 | 360 | 134   | 108  | 60    | 915  | 2500 | 670  | 900  | 39.9 |
| 37852       | 260 | 400 | 150   | 110  | 75    | 1280 | 2630 | 630  | 840  | 60.3 |
| 2097152     | 260 | 400 | 186   | 146  | 82    | 1590 | 3750 | 630  | 840  | 79.3 |
| 37752       | 260 | 430 | 180   | 130  | 90    | 1420 | 2990 | 630  | 840  | 87.9 |
| 2097752     | 260 | 440 | 2225  | 180  | 100   | 2190 | 4750 | 580  | 770  | 124  |
| 2097956     | 280 | 380 | 134   | 108  | 60    | 935  | 2650 | 620  | 820  | 44   |
| 2097156     | 280 | 420 | 186   | 146  | 82    | 1720 | 4000 | 580  | 770  | 81.5 |
| 352960X2/P6 | 300 | 420 | 160   | 128  | 72    | 1505 | 3614 | 580  | 770  | 60.8 |
| 2097160     | 300 | 460 | 210   | 165  | 95    | 2040 | 4800 | 560  | 740  | 118  |
| 97860       | 300 | 500 | 200   | 160  | 90    | 2090 | 4450 | 530  | 710  | 142  |
| 1097760     | 300 | 500 | 205   | 152  | 90    | 2090 | 4450 | 530  | 710  | 141  |
| 370660/HC   | 300 | 560 | 170   | 50   | 170   | 3200 | 3800 | 500  | 660  | 197  |

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|                |       |     |     |     |      |      |      |     |     |      |
|----------------|-------|-----|-----|-----|------|------|------|-----|-----|------|
| 87961K         | 305.7 | 500 | 200 | 70  | 200  | 1700 | 3550 | 530 | 710 | 122  |
| 87961K1        | 305.2 | 500 | 200 | 70  | 200  | 1700 | 3550 | 530 | 710 | 115  |
| 97764          | 320   | 480 | 151 | 121 | 66.5 | 1700 | 3550 | 530 | 710 | 88.9 |
| 352064         | 320   | 480 | 220 | 186 | 100  | 2310 | 5750 | 530 | 710 | 134  |
| 2097968        | 340   | 460 | 160 | 128 | 72   | 1400 | 4050 | 500 | 660 | 71   |
| 1097768        | 340   | 580 | 242 | 170 | 106  | 2820 | 6000 | 460 | 620 | 235  |
| 2097972        | 360   | 480 | 160 | 128 | 72   | 1490 | 2240 | 510 | 680 | 74.7 |
| 97872          | 360   | 540 | 169 | 134 | 70   | 1980 | 4400 | 460 | 620 | 122  |
| 97172          | 360   | 540 | 185 | 140 | 82   | 2620 | 6300 | 460 | 620 | 120  |
| 1097772        | 360   | 600 | 242 | 170 | 106  | 3100 | 6800 | 400 | 520 | 221  |
| 1097976        | 380   | 520 | 145 | 105 | 65   | 1510 | 3800 | 530 | 710 | 78.8 |
| 97176          | 380   | 560 | 190 | 140 | 82   | 2620 | 6300 | 410 | 540 | 137  |
| 1097776        | 380   | 620 | 242 | 170 | 106  | 3100 | 6850 | 410 | 540 | 250  |
| 351080         | 400   | 600 | 206 | 150 | 90   | 1800 | 4250 | 410 | 540 | 179  |
| 1097780        | 400   | 650 | 255 | 180 | 112  | 3300 | 7400 | 360 | 480 | 279  |
| 351084         | 420   | 620 | 206 | 150 | 90   | 2430 | 5880 | 360 | 480 | 191  |
| 373184         | 420   | 700 | 224 | 86  | 224  | 4130 | 9480 | 360 | 480 | 382  |
| 1097784        | 420   | 700 | 275 | 200 | 122  | 4030 | 9150 | 360 | 480 | 376  |
| 351996         | 480   | 650 | 180 | 130 | 78   | 1950 | 5150 | 360 | 480 | 159  |
| 971/500        | 500   | 720 | 236 | 180 | 100  | 3250 | 8150 | 410 | 540 | 276  |
| 3519/500/HC    | 500   | 670 | 180 | 130 | 78   | 1340 | 6200 | 350 | 460 | 158  |
| 3519/500/HCYA5 | 500   | 670 | 180 | 130 | 78   | 2360 | 6700 | 350 | 460 | 156  |