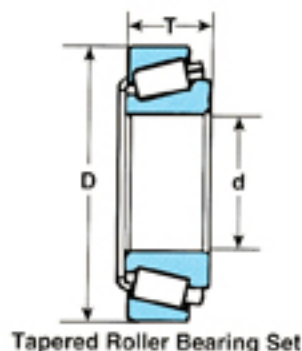
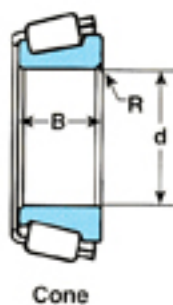


TAPERED ROLLER BEARINGS

INCH SERIES



| Cone No. | d in. mm | B in. mm | Max. shaft fillet radius R in./mm | Cup No. | D in. mm | b in. mm | Max. Hsg. fillet radius r in./mm | T in. mm | Basic Load Ratings | |
|-----------|-------------------|-------------------|---|------------|--------------------|-------------------|--|-------------------|---------------------|---------------------------------|
| | | | | | | | | | Dynamic C (lbs.) | Static C ₀ (lbs.) |
| LM501349 | 1.625 41.275 | 0.780 19.812 | 0.14 3.50 | LM501310 | 2.891 73.431 | 0.580 14.732 | 0.03 0.80 | 0.770 19.558 | 11300 | 9650 |
| LM501349 | 1.6250 41.2750 | 0.780 19.812 | 0.14 3.50 | LM501314 | 2.891 73.431 | 0.6537 16.6040 | 0.03 0.80 | 0.8437 21.4300 | 11300 | 9650 |
| M86649 | 1.1875 30.1620 | 0.8438 21.4330 | 0.06 1.50 | M86610 | 2.5312 64.2920 | 0.6563 16.6700 | 0.06 1.50 | 0.8438 21.4330 | 10400 | 9050 |
| M88048 | 1.3125 33.3380 | 0.875 22.225 | 0.03 0.80 | M88010 | 2.6875 68.2620 | 0.6875 17.4620 | 0.06 1.50 | 0.875 22.225 | 11400 | 9950 |
| M12649 | 0.8437 21.4300 | 0.720 18.288 | 0.05 1.30 | M12610 | 1.9687 50.0050 | 0.550 13.970 | 0.05 1.30 | 0.690 17.526 | 7600 | 5600 |
| HM88649 | 1.375 34.925 | 1.000 25.400 | 0.09 2.30 | HM88610 | 2.8438 72.2330 | 0.7812 19.8420 | 0.09 2.30 | 1.000 25.400 | 14600 | 13500 |
| HM212046 | 2.500 63.500 | 1.510 38.354 | 0.14 3.50 | HM212011 | 4.8125 122.2380 | 1.170 29.718 | 0.13 3.30 | 1.500 38.100 | 38000 | 34500 |
| HM218248* | 3.5423 89.9740 | 1.5748 40.000 | 0.28 7.00 | HM218210* | 5.7874 147.0000 | 1.2795 32.5000 | 0.14 3.50 | 1.5748 40.0000 | 46000 | 47000 |
| HM516448 | 3.2500 82.550 | 1.5625 39.688 | 0.27 6.80 | HM516410 | 5.250 133.350 | 1.2813 32.5450 | 0.13 3.30 | 1.5625 39.6880 | 36000 | 41500 |
| HM518445 | 3.500 88.900 | 1.5625 39.6880 | 0.25 6.40 | HM518410 | 6.000 152.400 | 1.1875 30.1630 | 0.13 3.30 | 1.5625 39.6880 | 51000 | 50600 |
| HM212049 | 2.625 66.675 | 1.510 38.354 | 0.14 3.50 | HM212010 | 4.8125 122.238 | 1.17 29.718 | .06 .13 | 1.500 38.100 | 38000 | 34500 |
| HM516449C | 3.250 82.550 | 1.5625 39.6880 | 0.14 3.50 | HM416410 | 5.250 133.350 | 1.2813 32.5450 | 0.13 3.30 | 1.5625 39.6880 | 36000 | 41500 |
| JL69349 | 1.4961 38.0000 | 0.6693 17.0000 | 0.14 3.50 | JL69310 | 2.4803 63.0000 | 0.5313 13.4950 | 0.05 1.30 | 0.6693 17.0000 | 7500 | 6850 |