# Double Row TNA Series

| Bearing Dimensions(mm/in.) | | | | Load Ratings(N/lbf) | | | | | | | | Artikelnummer: | | Bearing Dimensions(mm/in.) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Dynamic$_{(1)}$ | Factors$_{(2)}$ | | | Dynamic$_{(3)}$ | | | Factors$^{(2)}$ | | | Shaft | | Housing | | Pin(mm/in.) | | |
| d | D | T | Wälzlagergruppe | $C_{1(2)}$ | e | $Y_1$ | $Y_2$ | $C_{90}$ | $C_{a90}$ | $C_{90(2)}$ | K | Inner | Outer | Max. Shaft Fillet Radius $R^{(4)}$ | Backing Shoulder Dia. $d_b$ | Max. Housing Fillet Radius $r^{(4)}$ | Backing Shoulder Dia. $D_a$ | $K_a$ | $K_b$ | Bearing Weight(kg/lbs.) |
| 19.05 | 47 | 31.75 | 25.212 | 46500 | 0.36 | 1.89 | 2.82 | 6930 | 4230 | 12100 | 1.64 | NA05075 | 05185D | 1.3 | 25 | 0.8 | 42.5 | – | – | 0.23 |
| 0.75 | 1.8504 | 1.25 | 0.9926 | 10500 | 0.36 | 1.89 | 2.82 | 1560 | 952 | 2710 | 1.64 | NA05075 | 05185D | 0.05 | 0.98 | 0.03 | 1.67 | – | – | 0.51 |
| 24.981 | 62 | 39.688 | 36.258 | 75300 | 0.38 | 1.77 | 2.63 | 11200 | 7340 | 19500 | 1.53 | NA17098 | 17245D | 1.5 | 33 | 0.8 | 57 | – | – | 0.62 |
| 0.9835 | 2.4409 | 1.5625 | 1.4275 | 16900 | 0.38 | 1.77 | 2.63 | 2520 | 1650 | 4390 | 1.53 | NA17098 | 17245D | 0.06 | 1.3 | 0.03 | 2.24 | – | – | 1.36 |
| 28.575 | 74.612 | 55.565 | 41.275 | 121000 | 0.6 | 1.12 | 1.67 | 18100 | 18600 | 31500 | 0.97 | NA41125 | 41294D | 2.3 | 43 | 1.5 | 68 | – | – | 1.12 |
| 1.125 | 2.9375 | 2.1876 | 1.625 | 27300 | 0.6 | 1.12 | 1.67 | 4060 | 4190 | 7080 | 0.97 | NA41125 | 41294D | 0.09 | 1.69 | 0.06 | 2.68 | – | – | 2.45 |
| 29.987 | 71.973 | 42.76 | 36.512 | 102000 | 0.36 | 1.87 | 2.79 | 18100 | 11100 | 31400 | 1.62 | NA26118 | 26284D | 1.5 | 38 | 0.8 | 65 | – | – | 0.84 |
| 1.1806 | 2.8336 | 1.6835 | 1.4375 | 23000 | 0.36 | 1.87 | 2.79 | 4060 | 2500 | 7070 | 1.62 | NA26118 | 26284D | 0.06 | 1.5 | 0.03 | 2.56 | – | – | 1.87 |
| 31.75 | 58.738 | 32.542 | 24.608 | 55200 | 0.47 | 1.42 | 2.12 | 8220 | 6670 | 14300 | 1.23 | NA08125 | 08231D | 1.5 | 38.5 | 0.4 | 55 | – | – | 0.35 |
| 1.25 | 2.3125 | 1.2812 | 0.9688 | 12400 | 0.47 | 1.42 | 2.12 | 1850 | 1500 | 3220 | 1.23 | NA08125 | 08231D | 0.06 | 1.52 | 0.02 | 2.17 | – | – | 0.79 |
| 33.337 | 80.962 | 55.562 | 39.688 | 135000 | 0.67 | 1.01 | 1.5 | 20100 | 23000 | 35000 | 0.87 | NA43131 | 43319D | 2.3 | 48.5 | 1.5 | 74 | – | – | 1.28 |
| 1.3125 | 3.1875 | 2.1875 | 1.5625 | 30400 | 0.67 | 1.01 | 1.5 | 4520 | 5170 | 7880 | 0.87 | NA43131 | 43319D | 0.09 | 1.91 | 0.06 | 2.91 | – | – | 2.82 |
| 34.925 | 69.012 | 46.04 | 38.1 | 95100 | 0.38 | 1.77 | 2.63 | 14200 | 9260 | 24600 | 1.53 | NA14138 | 14276D | 3.5 | 46 | 0.8 | 63 | – | – | 0.7 |
| 1.375 | 2.717 | 1.8126 | 1.5 | 21400 | 0.38 | 1.77 | 2.63 | 3180 | 2080 | 5540 | 1.53 | NA14138 | 14276D | 0.14 | 1.81 | 0.03 | 2.48 | – | – | 1.56 |
| 34.976 | 80.035 | 46.04 | 34.925 | 111000 | 0.4 | 1.68 | 2.5 | 19500 | 13400 | 34000 | 1.45 | NA28138 | 28318D | 1.5 | 43.5 | 0.8 | 73 | – | – | 1.04 |
| 1.377 | 3.151 | 1.8126 | 1.375 | 24800 | 0.4 | 1.68 | 2.5 | 4390 | 3020 | 7640 | 1.45 | NA28138 | 28318D | 0.06 | 1.71 | 0.03 | 2.87 | – | – | 2.32 |
| 36.512 | 92.075 | 55.562 | 39.688 | 147000 | 0.78 | 0.86 | 1.29 | 25900 | 34600 | 45000 | 0.75 | NA44143 | 44363D | 0.8 | 51 | 1.5 | 85 | – | – | 1.73 |
| 1.4375 | 3.625 | 2.1875 | 1.5625 | 32900 | 0.78 | 0.86 | 1.29 | 5810 | 7770 | 10100 | 0.75 | NA44143 | 44363D | 0.03 | 2.01 | 0.06 | 3.35 | – | – | 3.85 |
| 38.1 | 69.012 | 46.035 | 38.1 | 98700 | 0.4 | 1.68 | 2.5 | 17400 | 12000 | 30300 | 1.45 | NA13687 | 13621D | 2 | 46.5 | 0.8 | 65 | – | – | 0.67 |
| 1.5 | 2.717 | 1.8124 | 1.5 | 22200 | 0.4 | 1.68 | 2.5 | 3920 | 2700 | 6820 | 1.45 | NA13687 | 13621D | 0.08 | 1.83 | 0.03 | 2.56 | – | – | 1.48 |
| 39.687 | 88.5 | 55.562 | 39.688 | 147000 | 0.78 | 0.86 | 1.29 | 21800 | 29200 | 38000 | 0.75 | NA44156 | 44348D | 2.3 | 56 | 0.6 | 84 | – | – | 1.48 |
| 1.5625 | 3.4843 | 2.1875 | 1.5625 | 32900 | 0.78 | 0.86 | 1.29 | 4910 | 6560 | 8540 | 0.75 | NA44156 | 44348D | 0.09 | 2.2 | 0.03 | 3.31 | – | – | 3.26 |
| 39.687 | 92.075 | 55.562 | 39.688 | 147000 | 0.78 | 0.86 | 1.29 | 21800 | 29200 | 38000 | 0.75 | NA44156 | 44363D | 2.3 | 56 | 1.5 | 85 | – | – | 1.65 |
| 1.5625 | 3.625 | 2.1875 | 1.5625 | 32900 | 0.78 | 0.86 | 1.29 | 4910 | 6560 | 8540 | 0.75 | NA44156 | 44363D | 0.09 | 2.2 | 0.06 | 3.35 | – | – | 3.65 |
| 40 | 90.119 | 50.8 | 44.45 | 142000 | 0.31 | 2.2 | 3.28 | 21200 | 11100 | 36900 | 1.91 | NA357 | 353D | 1.5 | 49 | 0.8 | 82 | – | – | 1.54 |
| 1.5748 | 3.548 | 2 | 1.75 | 32000 | 0.31 | 2.2 | 3.28 | 4770 | 2500 | 8310 | 1.91 | NA357 | 353D | 0.06 | 1.93 | 0.03 | 3.23 | – | – | 3.39 |
| 41.275 | 92.075 | 55.562 | 39.688 | 174000 | 0.78 | 0.86 | 1.29 | 25900 | 34600 | 45000 | 0.75 | NA44163 | 44363D | 0.8 | 54 | 1.5 | 85 | – | – | 1.61 |
| 1.625 | 3.625 | 2.1875 | 1.5625 | 39100 | 0.78 | 0.86 | 1.29 | 5810 | 7770 | 10100 | 0.75 | NA44163 | 44363D | 0.03 | 2.13 | 0.06 | 3.35 | – | – | 3.57 |
| 43.658 | 82.55 | 44.45 | 34.925 | 135000 | 0.43 | 1.57 | 2.34 | 20100 | 14800 | 35000 | 1.36 | NA22171 | 22325D | 2.3 | 53 | 0.8 | 76 | – | – | 1.01 |
| 1.7188 | 3.25 | 1.75 | 1.375 | 30300 | 0.43 | 1.57 | 2.34 | 4510 | 3320 | 7860 | 1.36 | NA22171 | 22325D | 0.09 | 2.09 | 0.03 | 2.99 | – | – | 2.21 |