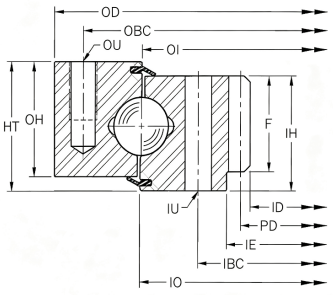
# 3000 Series Single row ball slewing ring






Drawing 1

| Outline Dimensions(inches) | | | | | | | | | | | | Nominal Capacity² | | Mounting Holes | | | | | Gear Data | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Model | Brand | Drawing No. | OD | ID | IE | 0I | 10 | HT | OH | IH | Weight (lbs) | Compressive Thrust (lbs) | Raceway Moment³ (t-1bs) | OBC | OU | No of OBC Holes | IBC | IU | No of IBC Holes | PD | DP | No.of teeth | F | Gear Capacity (IBS) | |
| A8-17N4D | LYMC | Drawing 2 | 20.48 | 12.748 | | 16.81 | 16.4 | 2.13 | 2.06 | 2.06 | 101 | 269,000 | 85,000 | 18.875 | 5/8-11 | 20 | 14.375 | 5/8-11 | 20 | 13 | 5 | 65 | 20d,5/7 Fellows | 2.06 | 9200 |
| A8-22N2A | LYMC | Drawing 3 | 25.75 | 16.85 | - | 22.03 | 22.06 | 2.75 | 2.38 | 2.38 | 114 | 309,000 | 130,000 | 24.5 | 0.69 | 18 | 19.5 | 5/8-11 | 24 | 17.25 | 4 | 69 | 20d,Stub | 2.38 | 12600 |
| A8-25N21 | LYMC | Drawing 2 | 28.75 | 21.35 | 22.38 | 24.99 | 25.02 | 3.5 | 2.88 | 3.38 | 228 | 350,000 | 1,670,000 | 27.375 | 5/8-11 | 18 | 23.625 | 5/8-11 | 18 | 21.75 | 4 | 87 | 20d,Stub | 2 | 10600 |
| A9-25N3 | LYMC | Drawing 3 | 28.75 | 19.543 | 20.75 | 24.72 | 24.78 | 3.38 | 2.63 | 3 | 242 | 529,000 | 250,000 | 27.25 | 0.81 | 30 | 22.25 | 3/4-10 | 36 | 20 | 3.5 | 70 | 20d,Stub | 2.88 | 19500 |
| A10-32N1A | LYMC | Drawing 3 | 36.75 | 26.4 | - | 31.97 | 32.03 | 3.86 | 3 | 3.5 | 405 | 775,000 | 473,000 | 35 | 1.06 | 24 | 29.187 | 1.00-8 | 26 | 26.857 | 3.5 | 94 | 20d,Stub | 3.5 | 22400 |
| A14-33N1 | LYMC | Drawing 1 | 38.59 | 24.96 | 26.5 | 32.46 | 32.38 | 4.38 | 3.5 | 4 | 557 | 1,170,000 | 723,000 | 36.313 | 1.25 | 13150 | 28.688 | 1.25 | 36 | 25.6 | 2.5 | 64 | 20d,Stub | 3.5 | 29600 |
| A10-35N1L | LYMC | Drawing 2 | 39 | 30.966 | 32.12 | 35.31 | 35.34 | 4.5 | 3.38 | 3.56 | 375 | 749,000 | 505,000 | 37.17 | 3/4-10 | 30 | 33.46 | 3/4-10 | 30 | 31.429 | 3.5 | 110 | 20d,Stub | 2 | 12100 |
| A12-35N5 | LYMC | Drawing 2 | 39.47 | 30.4 | 31.88 | 35.28 | 35.35 | 5 | 4 | 4 | 486 | 1,140,000 | 770,000 | 37.17 | 7/8-9 | 36 | 33.46 | 7/8-9 | 36 | 30.857 | 3.5 | 108 | 20d,Stub | 3 | 19200 |
| A7-38N1 | LYMC | Drawing 2 | 41.75 | 33.11 | 34.59 | 37.87 | 37.91 | 2.17 | 1.89 | 1.89 | 232 | 490,000 | 354,000 | 40.157 | 5/8-111 | 16 | 35.63 | 5/8-11 | 16 | 33.701 | 3.175 | 107 | 20d,8 Modulea | 1.77 | 8300 |
| A10-43N28D | LYMC | Drawing 2 | 46.25 | 37.68 | 39.8 | 42.8 | 42.86 | 4.25 | 3.38 | 3.75 | 448 | 739,000 | 603,000 | 44.65 | 3/4-10 | 36 | 40.94 | 3/4-10 | 36 | 38.4 | 2.5 | 96 | 20d,Full Depth | 2.75 | 21900 |
| A13-46N1A | LYMC | Drawing 3 | 51.13 | 39.76 | | 45.81 | 45.88 | 4.19 | 3.62 | 3.81 | 722 | 1,480,000 | 1,300,000 | 49.125 | 1.062 | $30_3$ | 43 | 1.00-8 | $22_3$ | 40.4 | 2.5 | 101 | 20d,Stub | 3.81 | 32300 |
| A12-47N3E | LYMC | Drawing 3 | 52.75 | 41.76 | 43.5 | 47.4 | 47.47 | 4.78 | 3.88 | 4.13 | 783 | 1,360,000 | 1,230,000 | 51 | 1.06 | 30 | 45.25 | 1.00-8 | 30 | 42.4 | 2.5 | 106 | 20d,Stub | 3 | 25400 |
| A14-47N5A | LYMC | Drawing 3 | 52 | 41.28 | 42.97 | 46.71 | 46.79 | 5.06 | 3.62 | 4.69 | 770 | 1,680,000 | 1,500,000 | 50.375 | 0.94 | 36 | 44.495 | 778-9 | 40 | 41.6 | 2.5 | 104 | 20d,Stub$_4$ | 4 | 35900 |
| A9-54N2 | LYMC | Drawing 3 | 58.62 | 47.831 | 50.1 | 54.1 | 54.18 | 4.72 | 3.54 | 4.09 | 925 | 1,360,000 | 1,400,000 | 56.85 | 0.87 | 40 | 51.772 | M20x2.5 | 40 | 47.717 | 2.1167 | 101 | 20d,12 Module4 | 4.06 | 41200 |
| A14-54N10C | LYMC | Drawing 1 | 60 | 46.7 | 48.62 | 54.22 | 54.3 | 5.5 | 4.5 | 4.5 | 1150 | 1,960,000 | 2,030,000 | 58 | 1.06 | 36 | 50.5 | 1.06 | 36 | 47.5 | 2 | 95 | 20d,Stub | 3.25 | 34400 |
| A16-56N5 | LYMC | Drawing 1 | 61.62 | 46.884 | - | 55.7 | 55.79 | 5.25 | 4.5 | 4.25 | 1295 | 2,100,000 | 2,230,000 | 59.75 | 1.06 | 42 | 51.75 | 1.06 | 42 | 47.429 | 1.75 | 83 | 25d,Full Depth | 4.25 | 48000 |
| A16-59N2 | LYMC | Drawing 1 | 66.22 | 49.7 | 52.27 | 59.21 | 59.3 | 4.25 | 3.88 | 3.88 | 1400 | 2,230,000 | 2,520,000 | 63.5 | 1.31 | 38 | 55 | 1.31 | 36 | 50.667 | 1.5 | 76 | 20d,Stub | 3.5 | 69200 |
| A20-72N5A | LYMC | Drawing 1 | 79.94 | 61.6 | 64.25 | 71.95 | 72.06 | 5.12 | 4.75 | 4.75 | 2159 | 2,680,000 | 3,680,000 | 77.06 | 1.63 | 17533 | 66.94 | 1.63 | 48 | 62.667 | 1.5 | 94 | 20d,Stub | 3.75 | 56.1 |
| A18-80N1 | LYMC | Drawing 1 | 89 | 70.267 | - | 80.2 | 80.3 | 4.88 | 4.5 | 4.5 | 2425 | 3,040,000 | 4,660,000 | 85 | 1.56 | 21916 | 75.5 | 1.56 | 60 | 71.333 | 1.5 | 107 | 20d,Stub | 4.5 | 67300 |
| A16-95N6 | LYMC | Drawing 2 | 100.25 | 88.96 | | 95.27 | 95.36 | 5 | 4.5 | 4.5 | 1825 | 1,440,000 | 2,630,000 | 98.75 | 3/4-10 | 12 | 91.875 | 3/4-10 | 12 | 89.6 | 2.5 | 224 | 20d,Stub | 4.5 | 38100 |
| A20-95N4 | LYMC | Drawing 3 | 103 | 84.7 | 86.75 | 94.95 | 95.06 | 7.25 | 6.88 | 6.88 | 4400 | 3,540,000 | 6,410,000 | 100 | 1.38 | 32874 | 90 | 1.25-7 | 90 | 85.5 | 2 | 171 | 20d,Stub | 5 | 56100 |
| A24-107N1 | LYMC | Drawing 1 | 117 | 93.6 | 96.13 | 106.43 | 106.57 | 6 | 5.62 | 5.62 | 5437 | 3,330,000 | 6,770,000 | 113 | 1.31 | 17533 | 100 | 1.31 | 48 | 94.667 | 1.5 | 142 | 20d,Stub | 4.75 | 67100 |
| A22-129N1 | LYMC | Drawing 2 | 137.75 | 116.933 | - | 128.56 | 128.69 | 6.25 | 5.88 | 5.88 | 5601 | 6,510,000 | 16,000,000 | 134 | 1.50-61 | 32874 | 123.25 | 1.50-61 | 100 | 118 | 1.5 | 177 | 20d,Stub | 5.88 | 88000 |
| A22-166N1 | LYMC | Drawing 2 | 176.38 | 153.6 | 157 | 166.14 | 165.86 | 9.5 | 9 | 9 | 13061 | 3,860,000 | 12,200,000 | 173.25 | 1.25-7 | 90 | 159.625 | 1.25-7 | 90 | 154.667 | 1.5 | 232 | 20d,Stub | 5.75 | 77900 |