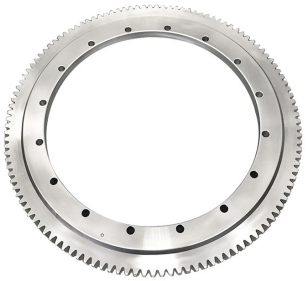
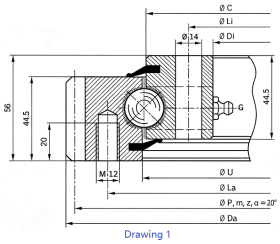
# Series 3000 Single row ball slewing ring





Drawing 1

| Model | Brand | Drawing No. | Dimensions (inches) | | | | | | | | Nominal Capacity | | Mounting Holes | | | | | | Gear Data | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | OD | ID | OE | OI | IO | OH | IH | Weight | Compressive Thrust (lbs) | Raceway Moment3(ft-lbs) | OBC | OU | No.of OBC Holes | IBC | IU | No.of IBC Holes | PD | DP | No.of Teeth | Teeth Form | F | Gear Capacity(IBS) |
| A6-9E1B | LYMC | 2 | 12.286 | 5.71 | - | 8.74 | 8.78 | 1.97 | 1.73 | 1.73 | 37 | 91,200 | 15,200 | 10.63 | 5/8-11 | 16 | 6.89 | 5/8-11 | 45673 | 12 | 5 | 60 | 20d,5/7 Fellows | 1.73 |
| A6-11E4 | LYMC | 2 | 14.685 | 8.27 | 14.02 | 11.48 | 11.28 | 1.97 | 1.73 | 1.73 | 45 | 111,500 | 24,200 | 13.189 | 5/8-11 | 16 | 9.449 | 5/8-11 | 20 | 14.4 | 5 | 72 | 20d,5/7 Fellows | 1.5 |
| A6-14E10 | LYMC | 2 | 17.067 | 10.43 | 16.42 | 13.68 | 13.52 | 2.24 | 2.01 | 1.69 | 66 | 212,000 | 55,000 | 15.354 | 5/8-11 | 18 | 11.614 | 5/8-11 | 24 | 16.8 | 5 | 84 | 20d,5/7 Fellows | 1.73 |
| A8-17E10BC | LYMC | 2 | 20.484 | 12.77 | - | 16.81 | 16.38 | 2.13 | 2.06 | 2.06 | 101 | 320,000 | 101,000 | 18.874 | 5/8-11 | 20 | 14.374 | 5/8-11 | 20 | 20.2 | 5 | 101 | 20d,5/7 Fellow | 2.06 |
| A12-18E5 | LYMC | 4 | 23.65 | 12.02 | | 17.78 | 17.85 | 4.13 | 3.88 | 3.19 | 285 | 421,000 | 143,000 | 21.25 | 3/4-10 | 18 | 14.375 | 0.94 | 45681 | 23.25 | 4 | 93 | 20d,Stub | 3.88 |
| A14-18E1L[1] | LYMC | 2 | 23.25 | 12.88 | | 17.78 | 17.86 | 3.44 | 3.25 | 3.25 | 252 | 618,000 | 210,000 | 21.25 | 3/4-16 | 18 | 14.375 | 3/4-16 | 45681 | 23.25 | 4 | 93 | 20d,Stub | 3.25 |
| A8-19E5A | LYMC | 4 | 23.9 | 15.12 | - | 19.11 | 19.14 | 2.5 | 2.18 | 2.18 | 140 | 369,000 | 135,000 | 21.5 | 3/4-10 | 20 | 16.625 | 0.81 | 45681 | 23.5 | 4 | 94 | 20d,Stub | 2.18 |
| A8-22E6 | LYMC | 2 | 26.286 | 18.36 | 25.5 | 22.15 | 21.7 | 2.25 | 2.13 | 2.13 | 154 | 309,000 | 130,000 | 24.5 | 5/8-11 | 18 | 19.5 | 5/8-11 | 18 | 26 | 5 | 130 | 20d,5/7 Fellows | 2 |
| A10-22E5A | LYMC | 2 | 27.314 | 17.38 | - | 21.54 | 21.59 | 3.31 | 2.94 | 2.94 | 240 | 570,000 | 234,000 | 24.375 | 3/4-10[1] | 30 | 18.75 | 3/4-10[1] | 45687 | 26.857 | 3.5 | 94 | 20d.Stub | 2.94 |
| A12-22E2 | LYMC | 4 | 28.4 | 17 | | 21.97 | 22.04 | 4 | 3.31 | 3.31 | 319 | 611,000 | 256,000 | 25.378 | 7/8-91 | 24 | 18.618 | 0.94 | 47515 | 28 | 4 | 112 | 20d,4/5 Fellow | 3.31 |
| A14-22E1B[1] | LYMC | 1 | 28.4 | 17.13 | | 22.03 | 22.11 | 3.44 | 3.25 | 3.25 | 319 | 461,000 | 194,000 | 25.38 | 0.782 | 18 | 18.63 | 0.782 | 45681 | 28 | 4 | 112 | 20d.Stub | 3.25 |
| A12-27E3 | LYMC | 4 | 33.44 | 22 | - | 27.17 | 27.24 | 3.31 | 3 | 3 | 354 | 768,000 | 398,000 | 30.25 | 3/4-10 | 28 | 23.875 | 0.81 | 28 | 32.8 | 2.5 | 82 | 20d,Full Depth | 3 |
| A8-30E8D | LYMC | 1 | 35.04 | 26.5 | - | 29.98 | 30.03 | 2.5 | 2.13 | 2.13 | 206 | 584,000 | 334,000 | 32.25 | 0.69 | 24 | 27.75 | 0.69 | 28 | 34.4 | 2.5 | 86 | 20d,Stub | 2.13 |
| A10-34E6 | LYMC | 1 | 39.4 | 29.5 | 38.38 | 33.97 | 34.03 | 3.88 | 3.03 | 3.03 | 387 | 899,000 | 583,000 | 36.75 | 0.81 | 36 | 31.25 | 0.81 | 14611 | 39 | 4 | 156 | 20d,4/5 Fellows | 2.75 |
| A12-34E2AG | LYMC | 2 | 39.833 | 29.62 | 38.5 | 34.09 | 34.16 | 3.25 | 2.88 | 2.88 | 390 | 635,000 | 413,000 | 37.125 | 374-10 | 30 | 31.125 | 3/4-10 | 36 | 39.333 | 3 | 118 | 20d.3/4 Fellows | 2.5 |
| A14-34E31 | LYMC | 4 | 38.65 | 28.25 | 37.5 | 33.59 | 33.67 | 4.92 | 4.53 | 3.75 | 557 | 1,150,000 | 735,000 | 35.75 | 45665 | 24 | 30 | 1.13 | 45687 | 38.25 | 4 | 153 | 20d,4/5 Fellow | 3.27 |
| A13-38E1 | LYMC | 1 | 45.6 | 32.53 | 43.5 | 37.96 | 38.04 | 4.63 | 3.38 | 4.25 | 669 | 1,230,000 | 893,000 | 41.5 | 1.06 | 28 | 34.5 | 1.06 | 353 | 44.8 | 2.5 | 112 | 20d,Full Depth | 2.88 |
| A8-39E12 | LYMC | 2 | 42.598 | 34.88 | 41.04 | 38.27 | 38.62 | 3.23 | 2.87 | 2.64 | 310 | 461,000 | 339,000 | 39.961 | M16x2 | 30 | 36.299 | M16×2[1] | 30 | 41.26 | 3.175 | 131 | 20d,8 Module[4] | 2.87 |
| A8-41E1 | LYMC | 1 | 46.64 | 36.29 | - | 40.92 | 40.81 | 3.5 | 3 | 2.62 | 456 | 803,000 | 627,000 | 43.5 | 0.94 | 36 | 37.875 | 0.94 | 36 | 46 | 2.5 | 115 | 20d,Stub | 3 |
| A12-42E3 | LYMC | 2 | 48.533 | 36.75 | 47.18 | 41.97 | 42.04 | 4 | 3.5 | 3.5 | 688 | 1,190,000 | 953,000 | 45.25 | 1.00-8 | 36 | 38.75 | 45665 | 15342 | 48 | 3 | 144 | 20d,Stub | 2.75 |
| A18-46E4D | LYMC | 1 | 55 | 39.03 | 52.44 | 45.8 | 45.9 | 4.75 | 4.38 | 4.38 | 1186 | 1,720,000 | 1,510,000 | 50.25 | 1.31 | 27 | 41.375 | 1.31 | 13150 | 54 | 2 | 108 | 20d,Full Depth | 4 |
| A10-47E1 | LYMC | 1 | 54.3 | 42 | 52.25 | 47.22 | 47.28 | 4.63 | 3.63 | 3.63 | 783 | 1,150,000 | 1,030,000 | 50.375 | 1.06 | 30 | 44.125 | 1.06 | 36 | 53.5 | 2 | 107 | 20d,Stub | 3 |
| A12-48E12 | LYMC | 1 | 54.24 | 43 | 52.38 | 47.72 | 47.79 | 4 | 3.38 | 3.5 | 720 | 895,000 | 815,000 | 50.79 | 0.94 | 36 | 44.69 | 0.94 | 36 | 53.6 | 2.5 | 134 | 20d,Stub | 3.25 |
| A14-48E22 | LYMC | 2 | 56.24 | 41.38 | - | 47.96 | 48.04 | 4.75 | 3.85 | 4.4 | 1170 | 1,750,000 | 1,600,000 | 52 | 1.25-7 | 36 | 44 | 1.25-7 | 36 | 55.6 | 2.5 | 139 | 20d,Stub | 3.85 |
| A16-53E1A | LYMC | 1 | 61.3 | 47.12 | 59.25 | 53.27 | 53.36 | 5.88 | 4.69 | 4.69 | 1540 | 2,000,000 | 2,030,000 | 57.375 | 1.06 | 40 | 49.25 | 1.06 | 16438 | 60.5 | 2 | 121 | 20d,Stub | 4 |
| A18-60E2 | LYMC | 2 | 68.8 | 51.75 | 66.75 | 59.45 | 59.55 | 5.5 | 5.13 | 5.13 | 1972 | 2,230,000 | 2,530,000 | 64.25 | 1.25-7 | 54 | 54.5 | 1.25-7 | 19725 | 68 | 2 | 136 | 20d,Stub | 3.75 |
| A18-74E3 | LYMC | 1 | 84.571 | 65.5 | 81.54 | 73.95 | 74.05 | 7 | 5.44 | 6.19 | 2940 | 2,790,000 | 3,940,000 | 78.625 | 1.38 | 60 | 68.75 | 1.38 | 523 | 83.429 | 1.75 | 146 | 25d,Full Depth | 4.38 |
| A16-78E4 | LYMC | 1 | 86.8 | 71.31 | 84.47 | 77.85 | 77.94 | 5 | 4.5 | 4.5 | 2033 | 1,670,000 | 2,480,000 | 82.125 | 1.31 | 48 | 73.688 | 1.31 | 48 | 86 | 2 | 172 | 20d,Stub | 4 |
| A18-80E1 | LYMC | 2 | 91.199 | 69.5 | 88.62 | 79.45 | 79.55 | 7 | 6.5 | 6.5 | 4806 | 3,010,000 | 4,570,000 | 85.5 | 1.50-6 | 48 | 73 | 1.50-6 | 18994 | 90.286 | 1.75 | 158 | 20d,Stub | 5 |
| A18-89E1 | LYMC | 2 | 99.8 | 78.38 | - | 88.45 | 88.55 | 6.62 | 6 | 6 | 4381 | 3,360,000 | 5,660,000 | 94.25 | 1.50-6 | 60 | 82.5 | 1.50-6 | 60 | 99 | 2 | 198 | 20d,Stub | 6 |
| A22-105E2A | LYMC | 2 | 117.082 | 95.06 | | 104.94 | 105.06 | 6 | 5.63 | 5.63 | 4773 | 3,810,000 | 7,630,000 | T10.500 | 1.50-6 | 60 | 99.5 | 1.50-6 | 21916 | 116 | 1.5 | 174 | 20d,Stub | 5.63 |
| A19-111E1 | LYMC | 1 | 122.079 | 103.7 | 119.13 | 110.78 | 110.88 | 5.04 | 4.65 | 4.65 | 3565 | 4,220,000 | 8,920,000 | 115.354 | 1.3 | 56 | 106.299 | 1.3 | 56 | 120.315 | 1.5875 | 191 | 20d,16 Module | 4.53 |
| A24-119E11A | LYMC | 1 | 129.067 | 111.19 | - | 118.77 | 118.91 | 6.75 | 6.5 | 5.88 | 5050 | 3,700,000 | 8,390,000 | 124.25 | 1.34 | 44 | 113.688 | 1.34 | 44 | 128 | 1.5 | 192 | 20d,Stub | 6.5 |
| A16-152E2 | LYMC | 1 | 162.519 | 145.08 | 159.45 | 151.77 | 152.88 | 6.5 | 5.51 | 5.51 | 5734 | 5,750,000 | 16,600,000 | 155.709 | 1.09 | 60 | 147.244 | 1.09 | 60 | 160.63 | 1.5875 | 255 | 20d,16 Module[4] | 4.53 |