



**Shaanxi Gainhui Heavy Industries Co., Ltd.**  
Bearing Manufacturer And Supplier In China

## **BECAUSE WE ARE FOCUSED WE ARE PROFESSIONAL**

We are committed to providing competitive bearing products and OEM services to global customers.



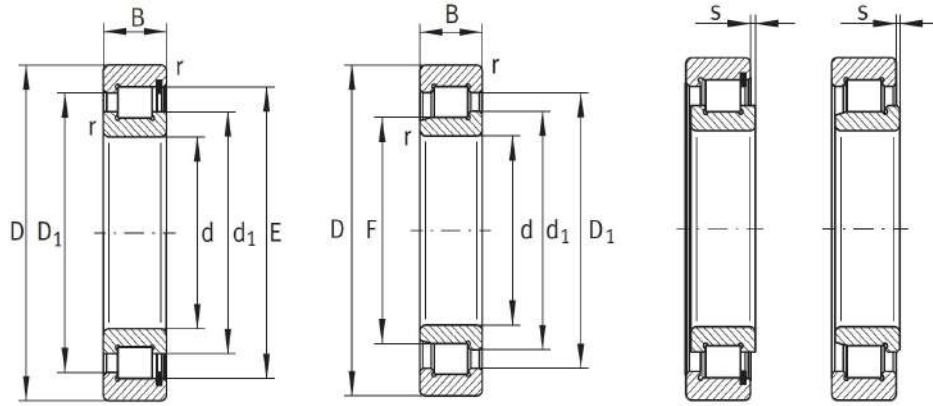
### **Single Row Full Complement Cylindrical Roller Bearings**



#### **Bearing Series:**

**SL1818 series, SL1829 series,  
SL1830 series, SL1822 series, SL1923 series**

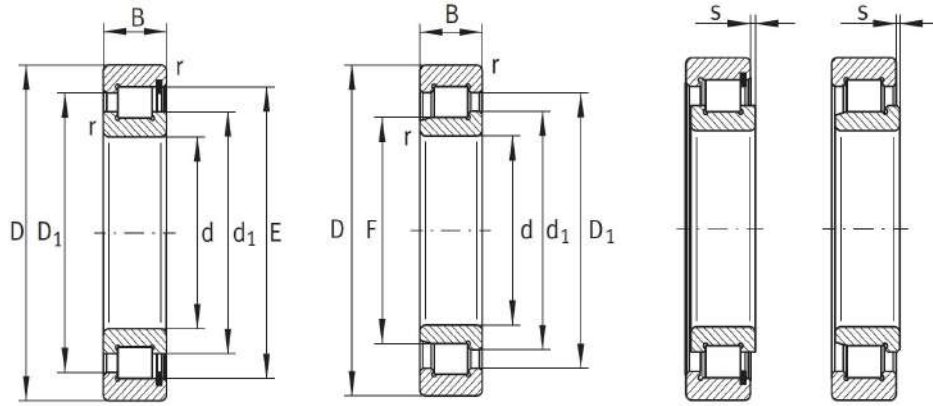




SL1818, SL1829,  
SL1830, SL1822

SL1923

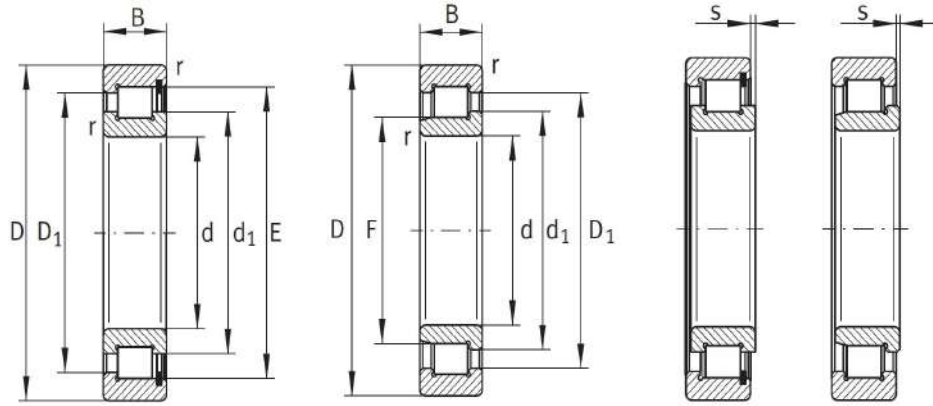
| Bearing designation | Dimensions (mm) |     |    |      |     |       |      |       |       | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass |
|---------------------|-----------------|-----|----|------|-----|-------|------|-------|-------|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | d               | D   | B  | r    | s   | F     | d1   | D1    | E     | $C_r$                     | $C_{or}$                 | Cur                | nG             | nB              | m    |
|                     |                 |     |    | min. |     |       | ≈    | ≈     |       | N                         | N                        | N                  | min-1          | min-1           | ≈kg  |
| SL183004            | 20              | 42  | 16 | 0.6  | 1.5 | —     | 28.8 | 32.8  | 36.81 | 30 500                    | 26 000                   | 4450               | 10 500         | 7500            | 0.11 |
| SL182204            | 20              | 47  | 18 | 1    | 1   | —     | 30.3 | 36.9  | 41.47 | 45 500                    | 37 000                   | 6100               | 9700           | 6500            | 0.16 |
| SL183005            | 25              | 47  | 16 | 0.6  | 1.5 | —     | 34.6 | 38.5  | 42.51 | 35 000                    | 32 000                   | 5500               | 8900           | 6000            | 0.12 |
| SL182205            | 25              | 52  | 18 | 1    | 1   | —     | 35.3 | 41.9  | 46.52 | 51 000                    | 44 500                   | 7400               | 8400           | 5500            | 0.18 |
| SL192305            | 25              | 62  | 24 | 1.1  | 2   | 31.72 | 36.7 | 47.5  | —     | 73 000                    | 60 000                   | 9400               | 7600           | 4800            | 0.37 |
| SL183006            | 30              | 55  | 19 | 1    | 2   | —     | 40   | 45.4  | 49.6  | 45 000                    | 42 000                   | 7500               | 7600           | 5600            | 0.2  |
| SL182206            | 30              | 62  | 20 | 1    | 1   | —     | 42   | 50.6  | 55.19 | 70 000                    | 64 000                   | 10 200             | 7000           | 4550            | 0.3  |
| SL192306            | 30              | 72  | 27 | 1.1  | 2   | 38.3  | 43.5 | 56    | —     | 100 000                   | 88 000                   | 14 500             | 6400           | 4050            | 0.56 |
| SL183007            | 35              | 62  | 20 | 1    | 2   | —     | 44.9 | 51.3  | 55.52 | 55 000                    | 53 000                   | 9400               | 6700           | 4950            | 0.26 |
| SL182207            | 35              | 72  | 23 | 1.1  | 1   | —     | 47   | 59.3  | 63.97 | 88 000                    | 78 000                   | 12 700             | 6100           | 4250            | 0.44 |
| SL192307            | 35              | 80  | 31 | 1.5  | 2   | 44.68 | 50.7 | 65.8  | —     | 126 000                   | 112 000                  | 19 000             | 5500           | 3600            | 0.74 |
| SL183008            | 40              | 68  | 21 | 1    | 2   | —     | 50.5 | 57.1  | 61.74 | 66 000                    | 67 000                   | 11 200             | 6000           | 4350            | 0.31 |
| SL182208            | 40              | 80  | 23 | 1.1  | 1   | —     | 54   | 66.3  | 70.94 | 97 000                    | 91 000                   | 14 900             | 5400           | 3650            | 0.55 |
| SL192308            | 40              | 90  | 33 | 1.5  | 2   | 51.12 | 57.5 | 75.2  | —     | 170 000                   | 156 000                  | 27 000             | 4850           | 3050            | 1.01 |
| SL183009            | 45              | 75  | 23 | 1    | 2   | —     | 55.3 | 62.2  | 66.85 | 70 000                    | 74 000                   | 12 500             | 5500           | 4200            | 0.4  |
| SL182209            | 45              | 85  | 23 | 1.1  | 1   | —     | 57.5 | 69.8  | 74.43 | 101 000                   | 98 000                   | 16 000             | 5100           | 3450            | 0.59 |
| SL192309            | 45              | 100 | 36 | 1.5  | 3   | 56.1  | 62.5 | 80.3  | —     | 181 000                   | 165 000                  | 28 500             | 4450           | 3000            | 1.37 |
| SL183010            | 50              | 80  | 23 | 1    | 2   | —     | 59.1 | 67.7  | 72.33 | 88 000                    | 94 000                   | 15 100             | 5100           | 3700            | 0.43 |
| SL182210            | 50              | 90  | 23 | 1.1  | 1   | —     | 64.4 | 76.7  | 81.4  | 109 000                   | 111 000                  | 18 100             | 4600           | 3000            | 0.64 |
| SL192310            | 50              | 110 | 40 | 2    | 3   | 60.72 | 68.3 | 89.7  | —     | 232 000                   | 219 000                  | 38 500             | 4050           | 2800            | 1.81 |
| SL183011            | 55              | 90  | 26 | 1.1  | 2   | —     | 68.5 | 78.8  | 83.54 | 120 000                   | 136 000                  | 22 600             | 4400           | 3100            | 0.64 |
| SL182211            | 55              | 100 | 25 | 1.5  | 1   | —     | 70   | 84.1  | 88.81 | 140 000                   | 148 000                  | 25 000             | 4200           | 2700            | 0.87 |
| SL192311            | 55              | 120 | 43 | 2    | 3   | 67.11 | 75.5 | 99.3  | —     | 270 000                   | 255 000                  | 45 500             | 3700           | 2550            | 2.28 |
| SL182912            | 60              | 85  | 16 | 1    | 1   | —     | 69   | 74.4  | 78.55 | 63 000                    | 76 000                   | 13 700             | 4550           | 2900            | 0.29 |
| SL183012            | 60              | 95  | 26 | 1.1  | 2   | —     | 71.7 | 82.1  | 86.74 | 123 000                   | 143 000                  | 23 700             | 4200           | 3000            | 0.69 |
| SL182212            | 60              | 110 | 28 | 1.5  | 1.5 | —     | 76.8 | 93.9  | 99.17 | 169 000                   | 176 000                  | 31 000             | 3800           | 2550            | 1.18 |
| SL192312            | 60              | 130 | 46 | 2.1  | 3   | 73.62 | 82   | 105.8 | —     | 285 000                   | 280 000                  | 50 000             | 3400           | 2480            | 2.88 |
| SL182913            | 65              | 90  | 16 | 1    | 1   | —     | 75.7 | 81    | 85.24 | 67 000                    | 84 000                   | 15 100             | 4150           | 2550            | 0.31 |



SL1818, SL1829,  
SL1830, SL1822

SL1923

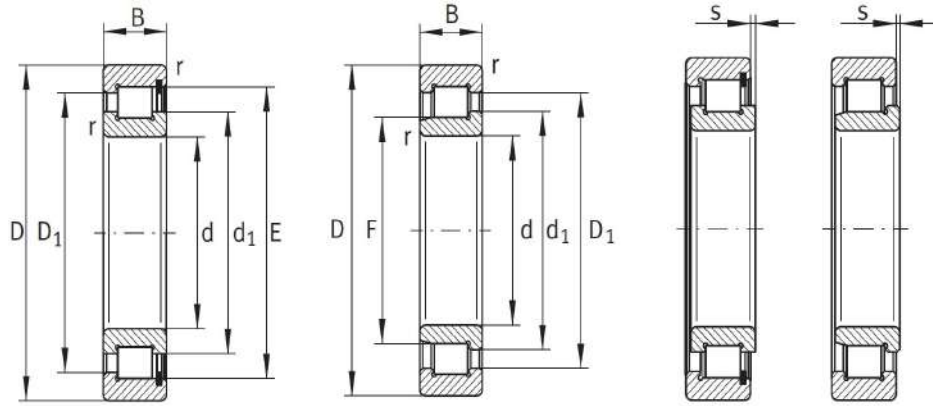
| Bearing designation | Dimensions (mm) |     |    |      |     |        |       |       |        | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass |
|---------------------|-----------------|-----|----|------|-----|--------|-------|-------|--------|---------------------------|--------------------------|--------------------|----------------|-----------------|------|
|                     | d               | D   | B  | r    | s   | F      | d1    | D1    | E      | $C_r$                     | $C_{or}$                 | Cur                | nG             | nB              | m    |
|                     |                 |     |    | min. |     |        | ≈     | ≈     |        | N                         | N                        | N                  | min-1          | min-1           | ≈kg  |
| SL183013            | 65              | 100 | 26 | 1.1  | 2   | —      | 78.1  | 88.4  | 93.09  | 130 000                   | 157 000                  | 26 000             | 3900           | 2700            | 0.73 |
| SL182213            | 65              | 120 | 31 | 1.5  | 1.5 | —      | 82.3  | 100.7 | 106.25 | 198 000                   | 210 000                  | 37 000             | 3550           | 2480            | 1.57 |
| SL192313            | 65              | 140 | 48 | 2.1  | 3.5 | 80.69  | 90    | 116.5 | —      | 350 000                   | 355 000                  | 63 000             | 3100           | 2180            | 3.52 |
| SL182914            | 70              | 100 | 19 | 1    | 1   | —      | 81.2  | 87.8  | 92.31  | 88 000                    | 111 000                  | 18 800             | 3850           | 2550            | 0.49 |
| SL183014            | 70              | 110 | 30 | 1.1  | 3   | —      | 81.5  | 95.6  | 100.28 | 153 000                   | 174 000                  | 29 500             | 3650           | 2800            | 1.02 |
| SL182214            | 70              | 125 | 31 | 1.5  | 1.5 | —      | 87    | 105.2 | 111.45 | 181 000                   | 223 000                  | 32 000             | 3350           | 2340            | 1.66 |
| SL192314            | 70              | 150 | 51 | 2.1  | 3.5 | 84.14  | 93.5  | 121.6 | —      | 385 000                   | 390 000                  | 69 000             | 3000           | 2170            | 4.33 |
| SL182915            | 75              | 105 | 19 | 1    | 1   | —      | 86.3  | 92.8  | 97.41  | 91 000                    | 119 000                  | 20 100             | 3600           | 2370            | 0.52 |
| SL183015            | 75              | 115 | 30 | 1.1  | 3   | —      | 89    | 103.2 | 107.9  | 162 000                   | 192 000                  | 32 500             | 3400           | 2490            | 1.06 |
| SL182215            | 75              | 130 | 31 | 1.5  | 1.5 | —      | 91.8  | 110   | 116.2  | 187 000                   | 236 000                  | 33 500             | 3200           | 2210            | 1.75 |
| SL192315            | 75              | 160 | 55 | 2.1  | 3.5 | 91.22  | 101.6 | 131.5 | —      | 460 000                   | 475 000                  | 83 000             | 2750           | 2000            | 5.3  |
| SL182916            | 80              | 110 | 19 | 1    | 1   | —      | 91.4  | 98    | 102.51 | 94 000                    | 126 000                  | 21 400             | 3450           | 2220            | 0.55 |
| SL183016            | 80              | 125 | 34 | 1.1  | 4   | —      | 95    | 111.7 | 117.4  | 170 000                   | 220 000                  | 31 000             | 3150           | 2470            | 1.43 |
| SL182216            | 80              | 140 | 33 | 2    | 1.5 | —      | 98.6  | 119.3 | 126.3  | 223 000                   | 280 000                  | 38 500             | 3000           | 2040            | 2.15 |
| SL192316            | 80              | 170 | 58 | 2.1  | 3.5 | 98.24  | 109.5 | 142.1 | —      | 540 000                   | 560 000                  | 96 000             | 2550           | 1820            | 6.32 |
| SL182917            | 85              | 120 | 22 | 1.1  | 1   | —      | 96.4  | 105   | 109.58 | 118 000                   | 159 000                  | 25 500             | 3200           | 2200            | 0.81 |
| SL183017            | 85              | 130 | 34 | 1.1  | 4   | —      | 99.4  | 116.1 | 121.95 | 175 000                   | 231 000                  | 32 000             | 3000           | 2360            | 1.51 |
| SL182217            | 85              | 150 | 36 | 2    | 1.5 | —      | 104.4 | 126.3 | 133.75 | 255 000                   | 320 000                  | 44 500             | 2800           | 2000            | 2.74 |
| SL192317            | 85              | 180 | 60 | 3    | 4   | 107.01 | 118.2 | 150.9 | —      | 570 000                   | 620 000                  | 103 000            | 2400           | 1710            | 7.34 |
| SL182918            | 90              | 125 | 22 | 1.1  | 1   | —      | 102   | 110.7 | 115.75 | 122 000                   | 169 000                  | 26 500             | 3050           | 2050            | 0.84 |
| SL183018            | 90              | 140 | 37 | 1.5  | 4   | —      | 106.1 | 124.5 | 130.65 | 205 000                   | 275 000                  | 38 000             | 2800           | 2240            | 1.97 |
| SL182218            | 90              | 160 | 40 | 2    | 2.5 | —      | 110.2 | 133.3 | 141.15 | 285 000                   | 365 000                  | 51 000             | 2650           | 1990            | 3.48 |
| SL192318-TB         | 90              | 190 | 64 | 3    | 4   | 105.26 | 117.5 | 152.5 | —      | 620 000                   | 650 000                  | 112 000            | 2400           | 1760            | 8.83 |
| SL182919            | 95              | 130 | 22 | 1.1  | 1   | —      | 106.7 | 117   | 122.25 | 132 000                   | 177 000                  | 27 500             | 2900           | 1940            | 0.86 |
| SL182219            | 95              | 170 | 43 | 2.1  | 2.5 | —      | 122   | 147.3 | 155.95 | 330 000                   | 425 000                  | 58 000             | 2410           | 1780            | 4.17 |
| SL192319-TB         | 95              | 200 | 67 | 3    | 4   | 114.65 | 126.6 | 161.9 | —      | 650 000                   | 710 000                  | 120 000            | 2240           | 1620            | 10.2 |
| SL182920            | 100             | 140 | 24 | 1.1  | 1.5 | —      | 113.4 | 125.7 | 130.95 | 152 000                   | 203 000                  | 31 500             | 2700           | 1870            | 1.14 |
| SL183020            | 100             | 150 | 37 | 1.5  | 4   | —      | 115.7 | 134   | 140.2  | 216 000                   | 300 000                  | 40 500             | 2600           | 2040            | 2.15 |



SL1818, SL1829,  
SL1830, SL1822

SL1923

| Bearing designation | Dimensions (mm) |     |     |      |     |        |       |       |        | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass  |
|---------------------|-----------------|-----|-----|------|-----|--------|-------|-------|--------|---------------------------|--------------------------|--------------------|----------------|-----------------|-------|
|                     | d               | D   | B   | r    | s   | F      | d1    | D1    | E      | $C_r$                     | $C_{or}$                 | Cur                | nG             | nB              | m     |
|                     |                 |     |     | min. |     |        | ≈     | ≈     |        | N                         | N                        | N                  | min-1          | min-1           | ≈kg   |
| SL182220            | 100             | 180 | 46  | 2.1  | 2.5 | —      | 127.5 | 154.3 | 163.35 | 390 000                   | 510 000                  | 70 000             | 2300           | 1700            | 5.13  |
| SL192320-TB         | 100             | 215 | 73  | 3    | 4   | 119.3  | 132.7 | 172.8 | —      | 790 000                   | 850 000                  | 143 000            | 2110           | 1490            | 13    |
| SL182922            | 110             | 150 | 24  | 1.1  | 1.5 | —      | 124   | 136.2 | 141.5  | 155 000                   | 213 000                  | 34 000             | 2490           | 1710            | 1.23  |
| SL183022            | 110             | 170 | 45  | 2    | 5.5 | —      | 127.3 | 149.3 | 156.7  | 280 000                   | 385 000                  | 52 000             | 2350           | 2010            | 3.5   |
| SL182222            | 110             | 200 | 53  | 2.1  | 4   | —      | 137   | 168   | 177.6  | 450 000                   | 580 000                  | 78 000             | 2130           | 1720            | 7.24  |
| SL192322-TB         | 110             | 240 | 80  | 3    | 5   | 134.27 | 151.1 | 199.9 | —      | 950 000                   | 970 000                  | 156 000            | 1840           | 1270            | 17    |
| SL182924            | 120             | 165 | 27  | 1.1  | 1.5 | —      | 134.8 | 149   | 154.3  | 199 000                   | 285 000                  | 45 500             | 2290           | 1590            | 1.73  |
| SL183024            | 120             | 180 | 46  | 2    | 5.5 | —      | 138.8 | 160.7 | 168.15 | 295 000                   | 425 000                  | 56 000             | 2170           | 1840            | 3.8   |
| SL182224            | 120             | 215 | 58  | 2.1  | 4   | —      | 150.7 | 183   | 192.9  | 530 000                   | 720 000                  | 95 000             | 1950           | 1500            | 9.08  |
| SL192324-TB         | 120             | 260 | 86  | 3    | 5   | 147.39 | 164.2 | 213.1 | —      | 1 130 000                 | 1 230 000                | 195 000            | 1710           | 1120            | 22.3  |
| SL182926            | 130             | 180 | 30  | 1.5  | 2   | —      | 146   | 161.1 | 167.15 | 238 000                   | 350 000                  | 54 000             | 2110           | 1500            | 2.33  |
| SL183026            | 130             | 200 | 52  | 2    | 5.5 | —      | 148.6 | 175.5 | 184.4  | 425 000                   | 600 000                  | 79 000             | 2000           | 1660            | 5.65  |
| SL182226            | 130             | 230 | 64  | 3    | 5   | —      | 162.3 | 197   | 207.75 | 620 000                   | 850 000                  | 110 000            | 1810           | 1360            | 11.25 |
| SL192326-TB         | 130             | 280 | 93  | 4    | 5   | 157.9  | 176   | 227.9 | —      | 1 260 000                 | 1 380 000                | 216 000            | 1600           | 1040            | 27.95 |
| SL182928            | 140             | 190 | 30  | 1.5  | 2   | —      | 157   | 174   | 180    | 260 000                   | 375 000                  | 57 000             | 1960           | 1 370           | 2.42  |
| SL183028            | 140             | 210 | 53  | 2    | 5.5 | —      | 162.2 | 189.5 | 198.4  | 450 000                   | 660 000                  | 85 000             | 1840           | 1 470           | 6.04  |
| SL182228            | 140             | 250 | 68  | 3    | 5   | —      | 173.9 | 211.1 | 222.55 | 720 000                   | 1 000 000                | 127 000            | 1690           | 1 230           | 14.47 |
| SL192328-TB         | 140             | 300 | 102 | 4    | 7   | 168.45 | 187.8 | 243.4 | —      | 1 410 000                 | 1 570 000                | 241 000            | 1500           | 970             | 34.9  |
| SL182930            | 150             | 210 | 36  | 2    | 2.5 | —      | 169   | 189.6 | 196.75 | 340 000                   | 480 000                  | 73 000             | 1810           | 1 360           | 3.77  |
| SL183030            | 150             | 225 | 56  | 2.1  | 7   | —      | 170   | 198   | 207.45 | 475 000                   | 700 000                  | 88 000             | 1760           | 1 430           | 7.33  |
| SL182230            | 150             | 270 | 73  | 3    | 6   | —      | 185.5 | 225.2 | 237.35 | 820 000                   | 1 160 000                | 147 000            | 1580           | 1 130           | 18.43 |
| SL192330-TB         | 150             | 320 | 108 | 4    | 7   | 182.49 | 203.3 | 263.5 | —      | 1 680 000                 | 1 900 000                | 265 000            | 1380           | 840             | 42.1  |
| SL182932            | 160             | 220 | 36  | 2    | 2.5 | —      | 179.7 | 200.5 | 207.6  | 350 000                   | 510 000                  | 77 000             | 1710           | 1 270           | 4     |
| SL183032            | 160             | 240 | 60  | 2.1  | 7   | —      | 184.8 | 215.8 | 225.45 | 540 000                   | 800 000                  | 99 000             | 1620           | 1 280           | 8.8   |
| SL182232            | 160             | 290 | 80  | 3    | 6   | —      | 208.7 | 253.4 | 267.1  | 1 020 000                 | 1 470 000                | 178 000            | 1410           | 920             | 23    |
| SL192332-TB         | 160             | 340 | 114 | 4    | 7   | 196.38 | 219   | 284.4 | —      | 1 900 000                 | 2 170 000                | 300 000            | 1280           | 760             | 49.7  |
| SL182934            | 170             | 230 | 36  | 2    | 2.5 | —      | 190.6 | 211.3 | 218.45 | 365 000                   | 540 000                  | 80 000             | 1610           | 1 190           | 4.3   |
| SL183034            | 170             | 260 | 67  | 2.1  | 7   | —      | 198.1 | 232.7 | 243.55 | 700 000                   | 1 050 000                | 129 000            | 1510           | 1 120           | 12.2  |

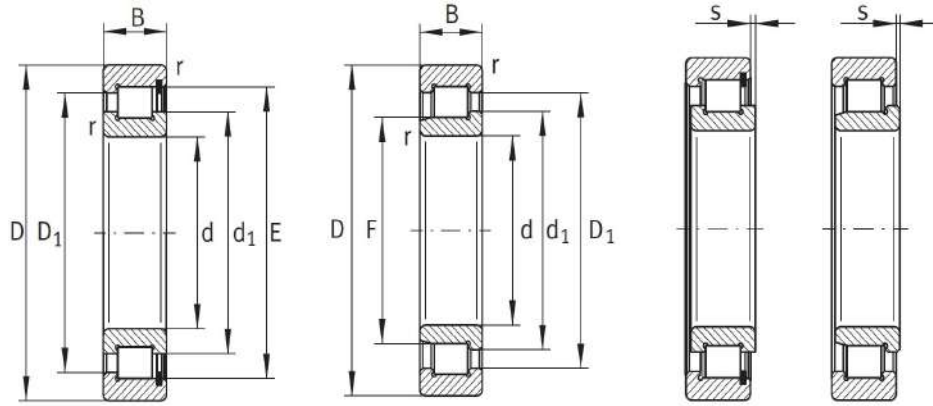


SL1818, SL1829,  
SL1830, SL1822

SL1923

| Bearing designation | Dimensions (mm) |     |     |      |     |        |       |       |        | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass  |
|---------------------|-----------------|-----|-----|------|-----|--------|-------|-------|--------|---------------------------|--------------------------|--------------------|----------------|-----------------|-------|
|                     | d               | D   | B   | r    | s   | F      | d1    | D1    | E      | $C_r$                     | $C_{or}$                 | Cur                | nG             | nB              | m     |
|                     |                 |     |     | min. |     |        | ≈     | ≈     |        | N                         | N                        | N                  | min-1          | min-1           | ≈kg   |
| SL182234            | 170             | 310 | 86  | 4    | 7   | —      | 220.3 | 267.4 | 281.9  | 1 140 000                 | 1 660 000                | 199 000            | 1330           | 870             | 28.65 |
| SL192334-TB         | 170             | 360 | 120 | 4    | 7   | 203.55 | 226.6 | 295   | —      | 2 070 000                 | 2 380 000                | 320 000            | 1240           | 730             | 59.2  |
| SL182936            | 180             | 250 | 42  | 2    | 3   | —      | 200.7 | 224   | 231.85 | 455 000                   | 680 000                  | 100 000            | 1530           | 1 150           | 6.2   |
| SL183036            | 180             | 280 | 74  | 2.1  | 7   | —      | 212.2 | 249.4 | 261    | 810 000                   | 1 240 000                | 150 000            | 1410           | 1 020           | 16.1  |
| SL182236            | 180             | 320 | 86  | 4    | 7   | —      | 232.4 | 279.5 | 294    | 1 180 000                 | 1 760 000                | 208 000            | 1270           | 800             | 29.8  |
| SL192336-TB         | 180             | 380 | 126 | 4    | 7   | 221.56 | 245   | 312.9 | —      | 2 190 000                 | 2 600 000                | 345 000            | 1160           | 670             | 69.1  |
| SL182938            | 190             | 260 | 42  | 2    | 2   | —      | 211.5 | 238.5 | 244.15 | 510 000                   | 770 000                  | 112 000            | 1450           | 1 030           | 6.5   |
| SL183038            | 190             | 290 | 75  | 2.1  | 9   | —      | 221.8 | 259   | 270.6  | 830 000                   | 1 300 000                | 155 000            | 1350           | 970             | 17    |
| SL182238            | 190             | 340 | 92  | 4    | 9   | —      | 243.5 | 295.5 | 311.5  | 1 300 000                 | 1 900 000                | 223 000            | 1210           | 770             | 35.65 |
| SL192338-TB         | 190             | 400 | 132 | 5    | 7   | 224.43 | 250   | 326.8 | —      | 2 500 000                 | 2 950 000                | 390 000            | 1120           | 630             | 80.3  |
| SL181840            | 200             | 250 | 24  | 1.5  | 2   | —      | 216.6 | 231.6 | 237.6  | 178 000                   | 320 000                  | 33 500             | 1450           | 1 040           | 2.57  |
| SL182940            | 200             | 280 | 48  | 2.1  | 3   | —      | 225.5 | 252.4 | 261.6  | 610 000                   | 940 000                  | 134 000            | 1360           | 950             | 9.1   |
| SL183040            | 200             | 310 | 82  | 2.1  | 9   | —      | 236.6 | 276.2 | 288.6  | 950 000                   | 1 510 000                | 178 000            | 1270           | 890             | 21.8  |
| SL182240            | 200             | 360 | 98  | 4    | 9   | —      | 246.6 | 302.4 | 319.4  | 1 410 000                 | 2 010 000                | 235 000            | 1180           | 770             | 43.12 |
| SL192340-TB         | 200             | 420 | 138 | 5    | 7   | 238.45 | 265.7 | 347.2 | —      | 2 800 000                 | 3 300 000                | 420 000            | 1060           | 570             | 92.1  |
| SL181844            | 220             | 270 | 24  | 1.5  | 2   | —      | 237.3 | 252.3 | 258.5  | 187 000                   | 350 000                  | 36 000             | 1320           | 940             | 2.8   |
| SL182944            | 220             | 300 | 48  | 2.1  | 3   | —      | 246.3 | 273.2 | 282.45 | 650 000                   | 1 030 000                | 144 000            | 1250           | 840             | 9.9   |
| SL183044            | 220             | 340 | 90  | 3    | 9   | —      | 254.6 | 299.2 | 312    | 1 150 000                 | 1 820 000                | 209 000            | 1170           | 800             | 28.4  |
| SL192344-TB         | 220             | 460 | 145 | 5    | 7   | 266.71 | 297   | 388.3 | —      | 3 000 000                 | 3 450 000                | 425 000            | 950            | 520             | 111.2 |
| SL181848-E          | 240             | 300 | 28  | 2    | 2   | —      | 260.5 | 281   | 287.5  | 265 000                   | 490 000                  | 51 000             | 1200           | 870             | 4.29  |
| SL182948            | 240             | 320 | 48  | 2.1  | 3   | —      | 267.5 | 294.4 | 303.7  | 600 000                   | 1 120 000                | 124 000            | 1150           | 750             | 10.6  |
| SL183048            | 240             | 360 | 92  | 3    | 11  | —      | 277.5 | 322.1 | 336    | 1 210 000                 | 1 990 000                | 224 000            | 1080           | 720             | 30.9  |
| SL192348-TB         | 240             | 500 | 155 | 5    | 10  | 280.55 | 312.5 | 408.5 | —      | 3 300 000                 | 3 800 000                | 465 000            | 900            | 500             | 142.3 |
| SL181852-E          | 260             | 320 | 28  | 2    | 2   | —      | 281   | 301.5 | 308    | 275 000                   | 530 000                  | 54 000             | 1110           | 790             | 4.61  |
| SL182952            | 260             | 360 | 60  | 2.1  | 5   | —      | 291.5 | 323.4 | 333.7  | 780 000                   | 1 450 000                | 160 000            | 1060           | 690             | 18.5  |
| SL183052            | 260             | 400 | 104 | 4    | 11  | —      | 304   | 358.4 | 375.97 | 1 600 000                 | 2 500 000                | 280 000            | 980            | 620             | 44.5  |
| SL192352-TB         | 260             | 540 | 165 | 6    | 10  | 315.6  | 351.6 | 459.6 | —      | 4 000 000                 | 4 700 000                | 560 000            | 800            | 410             | 173.2 |
| SL181856-E          | 280             | 350 | 33  | 2    | 2.5 | —      | 304   | 327   | 335    | 355 000                   | 670 000                  | 69 000             | 1030           | 730             | 6.89  |

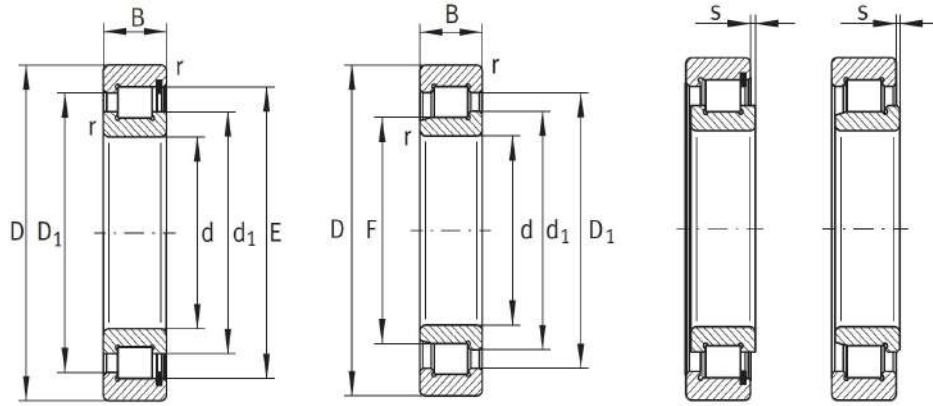




SL1818, SL1829,  
SL1830, SL1822

SL1923

| Bearing designation | Dimensions (mm) |     |     |      |     |   |       |       |        | Basic dynamic load rating | Basic static load rating | Fatigue load limit | Limiting speed | Reference speed | Mass  |
|---------------------|-----------------|-----|-----|------|-----|---|-------|-------|--------|---------------------------|--------------------------|--------------------|----------------|-----------------|-------|
|                     | d               | D   | B   | r    | s   | F | d1    | D1    | E      | $C_r$                     | $C_{or}$                 | Cur                | nG             | nB              | m     |
|                     |                 |     |     | min. |     |   | ≈     | ≈     |        | N                         | N                        | N                  | min-1          | min-1           | ≈kg   |
| SL182956            | 280             | 380 | 60  | 2.1  | 3.5 | — | 314   | 348.5 | 359.5  | 910 000                   | 1 710 000                | 184 000            | 980            | 590             | 19.7  |
| SL183056            | 280             | 420 | 106 | 4    | 11  | — | 319.5 | 372.9 | 390.3  | 1 650 000                 | 2 650 000                | 290 000            | 940            | 590             | 48    |
| SL181860-E          | 300             | 380 | 38  | 2.1  | 3   | — | 323.5 | 350.5 | 360    | 455 000                   | 840 000                  | 86 000             | 960            | 680             | 9.79  |
| SL182960            | 300             | 420 | 72  | 3    | 5   | — | 338   | 376.9 | 389.45 | 1 170 000                 | 2 200 000                | 235 000            | 910            | 540             | 31.2  |
| SL183060-TB         | 300             | 460 | 118 | 4    | 14  | — | 353.6 | 415.6 | 434.85 | 2 020 000                 | 3 300 000                | 325 000            | 840            | 500             | 66.6  |
| SL181864-E          | 320             | 400 | 38  | 2.1  | 3   | — | 344.5 | 371.5 | 381    | 470 000                   | 900 000                  | 90 000             | 910            | 620             | 10.36 |
| SL182964            | 320             | 440 | 72  | 3    | 5   | — | 358.5 | 397.4 | 409.85 | 1 210 000                 | 2 340 000                | 246 000            | 860            | 495             | 32.9  |
| SL183064-TB         | 320             | 480 | 121 | 4    | 14  | — | 369.5 | 430.1 | 449.5  | 2 080 000                 | 3 450 000                | 340 000            | 810            | 480             | 71.7  |
| SL181868-E          | 340             | 420 | 38  | 2.1  | 3   | — | 365.5 | 392.5 | 402.2  | 485 000                   | 960 000                  | 94 000             | 860            | 570             | 10.93 |
| SL182968            | 340             | 460 | 72  | 3    | 5   | — | 379   | 418.7 | 430.2  | 1 250 000                 | 2 470 000                | 255 000            | 810            | 460             | 34.7  |
| SL183068-TB         | 340             | 520 | 133 | 5    | 16  | — | 396.1 | 463.9 | 485.65 | 2 490 000                 | 4 150 000                | 400 000            | 750            | 430             | 95.8  |
| SL181872-E          | 360             | 440 | 38  | 2.1  | 3   | — | 387   | 413.5 | 423.5  | 500 000                   | 1 010 000                | 98 000             | 810            | 530             | 11.49 |
| SL182972            | 360             | 480 | 72  | 3    | 5   | — | 399.5 | 438.6 | 450.6  | 1 280 000                 | 2 600 000                | 265 000            | 770            | 430             | 36.4  |
| SL183072-TB         | 360             | 540 | 134 | 5    | 16  | — | 414   | 481.6 | 503.45 | 2 550 000                 | 4 350 000                | 410 000            | 720            | 405             | 101   |
| SL181876-E          | 380             | 480 | 46  | 2.1  | 4   | — | 415.5 | 448   | 459    | 650 000                   | 1 290 000                | 126 000            | 750            | 490             | 18.87 |
| SL182976            | 380             | 520 | 82  | 4    | 5   | — | 426   | 472.1 | 486.7  | 1 660 000                 | 3 300 000                | 335 000            | 720            | 380             | 52.1  |
| SL183076-TB         | 380             | 560 | 135 | 5    | 16  | — | 431.7 | 499.5 | 521.25 | 2 600 000                 | 4 450 000                | 425 000            | 700            | 390             | 106   |
| SL181880-E          | 400             | 500 | 46  | 2.1  | 4   | — | 432   | 464.5 | 475.5  | 660 000                   | 1 340 000                | 130 000            | 720            | 470             | 19.81 |
| SL182980            | 400             | 540 | 82  | 4    | 5   | — | 450   | 496.1 | 510.85 | 1 710 000                 | 3 500 000                | 350 000            | 690            | 350             | 54.3  |
| SL183080-TB         | 400             | 600 | 148 | 5    | 18  | — | 462.5 | 535.1 | 558.52 | 3 050 000                 | 5 400 000                | 500 000            | 650            | 345             | 140   |
| SL181884-E          | 420             | 520 | 46  | 2.1  | 4   | — | 457   | 489.5 | 500    | 680 000                   | 1 420 000                | 135 000            | 690            | 430             | 20.6  |
| SL182984            | 420             | 560 | 82  | 4    | 5   | — | 462   | 509   | 522.95 | 1 730 000                 | 3 600 000                | 355 000            | 670            | 340             | 56.9  |
| SL181888-E          | 440             | 540 | 46  | 2.1  | 4   | — | 473.5 | 506   | 517    | 700 000                   | 1 470 000                | 139 000            | 660            | 415             | 21.54 |
| SL182988            | 440             | 600 | 95  | 4    | 7   | — | 490   | 544.6 | 562    | 2 090 000                 | 4 100 000                | 405 000            | 630            | 325             | 78.1  |
| SL181892-E          | 460             | 580 | 56  | 3    | 5   | — | 501.5 | 541   | 554    | 940 000                   | 1 890 000                | 179 000            | 620            | 385             | 33.21 |
| SL182992            | 460             | 620 | 95  | 4    | 7   | — | 504   | 559.6 | 576.3  | 2 130 000                 | 4 250 000                | 410 000            | 610            | 310             | 81.1  |
| SL181896-E          | 480             | 600 | 56  | 3    | 5   | — | 522   | 561   | 474.5  | 960 000                   | 1 970 000                | 185 000            | 600            | 365             | 34.53 |
| SL182996            | 480             | 650 | 100 | 5    | 7   | — | 538   | 596.6 | 614.75 | 2 390 000                 | 4 800 000                | 460 000            | 570            | 280             | 94.7  |



SL1818, SL1829,  
SL1830, SL1822

SL1923

| Bearing<br>designation | Dimensions (mm) |     |     |      |   |   |     |       |       | Basic dynamic<br>load rating | Basic static<br>load rating | Fatigue load<br>limit | Limiting<br>speed | Reference<br>speed | Mass  |
|------------------------|-----------------|-----|-----|------|---|---|-----|-------|-------|------------------------------|-----------------------------|-----------------------|-------------------|--------------------|-------|
|                        | d               | D   | B   | r    | s | F | d1  | D1    | E     | $C_r$                        | $C_{or}$                    | Cur                   | nG                | nB                 | m     |
|                        |                 |     |     | min. |   |   | ≈   | ≈     |       | N                            | N                           | N                     | min-1             | min-1              | ≈kg   |
| SL1818/500-E           | 500             | 620 | 56  | 3    | 5 | — | 542 | 581.5 | 594.5 | 980 000                      | 2 050 000                   | 190 000               | 580               | 345                | 35.73 |
| SL1829/500             | 500             | 670 | 100 | 5    | 7 | — | 553 | 612.7 | 630   | 2 430 000                    | 4 950 000                   | 470 000               | 560               | 270                | 98.3  |



**Shaanxi Gainhui Heavy Industries Co., Ltd.**  
Bearing Manufacturer And Supplier In China

## BECAUSE WE ARE FOCUSED WE ARE PROFESSIONAL

We are committed to providing competitive bearing products and OEM services to global customers.



Founded in 2009, Shaanxi Gainhui Heavy Industries Co., Ltd. covers an area of 16,000 square meters, which is a professional bearing manufacturer and distributor in China. The company is committed to the design, manufacture and service of precision bearings, focusing on providing customers with reliable bearing products and cost-effective technical solutions.

The company adopts advanced production equipment and testing equipment, is equipped with a professional quality testing department, formulates a complete quality management system, and specializes in the production of high-precision, low-noise, and long-life bearings. Shaanxi Gainhui Heavy Industries Co., Ltd. insists on quality as the core, innovation as the driving force, promotes development through service, and sincerely provides services to customers all over the world.



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