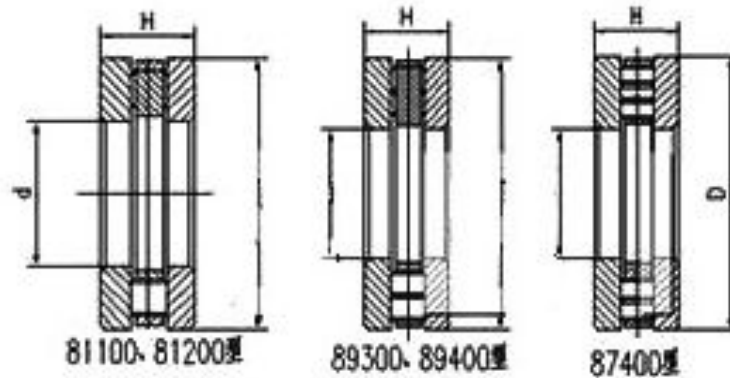


# 推力圆柱滚子轴承

## Cylindrical Roller Thrust Bearing



| 外型尺寸(mm) Boundary Dimensions |     |    | 额定负荷(KN) Load Ratings |      | 极限转速 (r/min)* Limiting Speeds | 重量(Kg) Weight | 轴承代号 Bearing Designations |       |
|------------------------------|-----|----|-----------------------|------|-------------------------------|---------------|---------------------------|-------|
| d                            | D   | H  | Ca                    | Coa  |                               |               | STON                      | INA   |
| 15                           | 28  | 9  | 14.4                  | 28.5 | 11000                         | 0.024         | 81102                     | 81102 |
| 17                           | 30  | 9  | 15.9                  | 33.5 | 10000                         | 0.027         | 81103                     | 81103 |
| 20                           | 35  | 10 | 24.9                  | 53   | 8500                          | 0.037         | 81104                     | 81104 |
| 25                           | 42  | 11 | 33.5                  | 76   | 7000                          | 0.053         | 81105                     | 81105 |
| 30                           | 47  | 11 | 35.5                  | 86   | 6000                          | 0.057         | 81106                     | 81106 |
| 30                           | 52  | 16 | 64                    | 141  | 6000                          | 0.123         | 81206                     | 81206 |
| 30                           | 60  | 18 | 69                    | 197  | 5000                          | 0.24          | 89306                     | 89306 |
| 35                           | 52  | 12 | 39                    | 101  | 5500                          | 0.073         | 81107                     | 81107 |
| 35                           | 62  | 18 | 80                    | 199  | 4900                          | 0.195         | 81207                     | 81207 |
| 35                           | 68  | 20 | 80                    | 237  | 4600                          | 0.34          | 89307                     | 89307 |
| 40                           | 60  | 13 | 56                    | 148  | 4800                          | 0.105         | 81108                     | 81108 |
| 40                           | 68  | 19 | 107                   | 265  | 4400                          | 0.249         | 81208                     | 81208 |
| 40                           | 78  | 22 | 122                   | 385  | 4000                          | 0.484         | 89308                     | 89308 |
| 40                           | 90  | 23 | 135                   | 480  | 3600                          | 0.747         | 87409                     | 87408 |
| 45                           | 65  | 14 | 59                    | 163  | 4400                          | 0.13          | 81109                     | 81109 |
| 45                           | 73  | 20 | 105                   | 265  | 4000                          | 0.287         | 81209                     | 81209 |
| 45                           | 85  | 24 | 139                   | 445  | 3600                          | 0.615         | 89309                     | 89309 |
| 45                           | 100 | 25 | 154                   | 560  | 3200                          | 1.054         | 87409                     | 87409 |
| 50                           | 70  | 14 | 61                    | 177  | 4000                          | 0.14          | 81110                     | 81110 |
| 50                           | 78  | 22 | 117                   | 315  | 3700                          | 0.356         | 81210                     | 81210 |
| 50                           | 95  | 27 | 167                   | 560  | 3200                          | 0.887         | 89310                     | 89310 |
| 50                           | 110 | 27 | 200                   | 740  | 2900                          | 1.316         | 87410                     | 87410 |
| 50                           | 110 | 36 | 295                   | 900  | 3000                          | 1.316         | 89410                     | 89410 |
| 50                           | 110 | 31 | 295                   | 900  | 3000                          | 1.125         | 89410                     | 89410 |

|     |     |    |     |      |      |       |       |       |
|-----|-----|----|-----|------|------|-------|-------|-------|
| 55  | 78  | 16 | 90  | 300  | 3600 | 0.218 | 81111 | 81111 |
| 55  | 90  | 25 | 154 | 405  | 3300 | 0.568 | 81211 | 81211 |
| 55  | 105 | 30 | 184 | 600  | 2900 | 1.18  | 89311 | 89311 |
| 55  | 120 | 29 | 222 | 870  | 2600 | 1.698 | 87411 | 87411 |
| 60  | 85  | 17 | 103 | 315  | 3300 | 0.266 | 81112 | 81112 |
| 60  | 95  | 26 | 172 | 480  | 3100 | 0.642 | 87212 | 81212 |
| 60  | 110 | 30 | 196 | 670  | 2700 | 1.26  | 89312 | 89312 |
| 60  | 130 | 32 | 260 | 1000 | 2500 | 2.26  | 87412 | 87412 |
| 60  | 130 | 42 | 390 | 1220 | 2500 | 2.818 | 89412 | 89412 |
| 65  | 90  | 18 | 107 | 340  | 3100 | 0.31  | 81113 | 81113 |
| 65  | 100 | 27 | 177 | 500  | 2900 | 0.721 | 81213 | 81213 |
| 65  | 115 | 30 | 194 | 670  | 2600 | 1.33  | 89313 | 89313 |
| 65  | 140 | 45 | 445 | 1410 | 2300 | 3.52  | 89413 | 89413 |
| 65  | 140 | 34 | 300 | 1140 | 2300 | 2.75  | 87413 | 87413 |
| 70  | 95  | 18 | 111 | 365  | 2900 | 0.332 | 81114 | 81114 |
| 70  | 105 | 27 | 187 | 550  | 2700 | 0.768 | 81214 | 81214 |
| 70  | 125 | 34 | 239 | 830  | 2400 | 1.82  | 89314 | 89314 |
| 70  | 150 | 36 | 360 | 1380 | 2200 | 3.37  | 87414 | 87414 |
| 70  | 150 | 48 | 450 | 1390 | 2100 | 4.38  | 89414 | 89414 |
| 75  | 100 | 19 | 105 | 340  | 2700 | 0.393 | 81115 | 81115 |
| 75  | 110 | 27 | 172 | 500  | 2600 | 0.8   | 81215 | 81215 |
| 75  | 135 | 36 | 285 | 1010 | 2200 | 2.23  | 89315 | 89315 |
| 75  | 160 | 38 | 430 | 1660 | 2000 | 4.02  | 87415 | 87415 |
| 75  | 160 | 51 | 500 | 1580 | 2000 | 5.25  | 89415 | 89415 |
| 80  | 105 | 19 | 106 | 350  | 2600 | 0.4   | 81116 | 81116 |
| 80  | 115 | 28 | 201 | 630  | 2400 | 0.9   | 81216 | 81216 |
| 80  | 140 | 36 | 305 | 1110 | 2100 | 2.37  | 89316 | 89316 |
| 80  | 170 | 41 | 450 | 1810 | 1900 | 5.32  | 87416 | 87416 |
| 80  | 170 | 54 | 560 | 1770 | 190  | 6.41  | 89416 | 89416 |
| 85  | 110 | 19 | 112 | 385  | 2500 | 0.42  | 81117 | 81117 |
| 85  | 125 | 31 | 217 | 660  | 2300 | 1.26  | 81217 | 81217 |
| 85  | 150 | 39 | 325 | 1140 | 2000 | 3     | 89317 | 89317 |
| 85  | 180 | 42 | 485 | 1920 | 1800 | 5.53  | 87417 | 87417 |
| 85  | 180 | 58 | 620 | 1980 | 1800 | 7.55  | 89417 | 89417 |
| 90  | 120 | 22 | 141 | 465  | 2300 | 0.62  | 81118 | 81118 |
| 90  | 135 | 35 | 290 | 890  | 2100 | 1.77  | 81218 | 81218 |
| 90  | 155 | 39 | 330 | 1200 | 1900 | 3.28  | 89318 | 89318 |
| 90  | 190 | 45 | 510 | 2090 | 1700 | 6.65  | 87418 | 87418 |
| 90  | 190 | 60 | 680 | 2200 | 1700 | 8.77  | 89418 | 89418 |
| 100 | 135 | 25 | 199 | 650  | 2000 | 0.95  | 81120 | 81120 |
| 100 | 150 | 38 | 285 | 840  | 1900 | 2.2   | 81220 | 81220 |
| 100 | 170 | 42 | 380 | 1400 | 1700 | 4.19  | 89320 | 89320 |
| 100 | 210 | 50 | 680 | 2800 | 1500 | 9.02  | 87420 | 87420 |
| 100 | 210 | 67 | 850 | 2350 | 1500 | 11.9  | 89420 | 89420 |
| 110 | 145 | 25 | 195 | 650  | 1900 | 1.095 | 81122 | 81122 |
| 110 | 160 | 38 | 300 | 940  | 1800 | 2.445 | 81222 | 81222 |
| 110 | 190 | 48 | 500 | 1870 | 1600 | 6.03  | 89322 | 89322 |

|     |     |     |      |       |      |       |       |       |
|-----|-----|-----|------|-------|------|-------|-------|-------|
| 110 | 230 | 73  | 1000 | 3400  | 1400 | 15.6  | 89422 | 89422 |
| 120 | 155 | 25  | 203  | 700   | 1700 | 1.17  | 81124 | 81124 |
| 120 | 170 | 39  | 310  | 980   | 1700 | 2.69  | 81224 | 81224 |
| 120 | 210 | 54  | 640  | 2420  | 1400 | 8.52  | 89324 | 89324 |
| 120 | 250 | 78  | 1160 | 4000  | 1300 | 19.7  | 89424 | 89424 |
| 130 | 170 | 30  | 233  | 810   | 1600 | 1.7   | 81126 | 81126 |
| 130 | 190 | 45  | 425  | 1290  | 1500 | 4.204 | 81226 | 81226 |
| 130 | 225 | 58  | 710  | 2700  | 1300 | 10    | 89326 | 89326 |
| 130 | 270 | 85  | 1330 | 4600  | 1200 | 24    | 89426 | 89426 |
| 140 | 180 | 31  | 242  | 870   | 1500 | 1.946 | 81128 | 81128 |
| 140 | 200 | 46  | 445  | 1450  | 1400 | 4.567 | 81228 | 81228 |
| 140 | 240 | 60  | 820  | 3200  | 1200 | 11.99 | 89328 | 89328 |
| 140 | 280 | 85  | 1380 | 4950  | 1100 | 27.2  | 89428 | 89428 |
| 150 | 190 | 31  | 250  | 930   | 1400 | 2.066 | 81130 | 81130 |
| 150 | 215 | 50  | 590  | 1940  | 1300 | 5.886 | 81230 | 81230 |
| 150 | 250 | 60  | 840  | 3350  | 1200 | 12.63 | 89330 | 89330 |
| 150 | 300 | 90  | 1570 | 5700  | 1000 | 32.1  | 89430 | 89430 |
| 160 | 200 | 31  | 260  | 990   | 1300 | 2.189 | 81132 | 81132 |
| 160 | 225 | 51  | 600  | 2030  | 1200 | 6.203 | 81232 | 81232 |
| 160 | 320 | 95  | 1780 | 6500  | 950  | 38.2  | 89432 | 89432 |
| 170 | 215 | 34  | 325  | 1220  | 1200 | 2.95  | 81134 | 81134 |
| 170 | 240 | 55  | 680  | 2340  | 1100 | 7.69  | 81234 | 81234 |
| 170 | 340 | 103 | 1990 | 7400  | 900  | 47.2  | 89434 | 89434 |
| 180 | 225 | 34  | 340  | 1300  | 1200 | 3.04  | 81136 | 81136 |
| 180 | 250 | 56  | 690  | 2440  | 1100 | 8.24  | 81236 | 81236 |
| 180 | 360 | 109 | 2210 | 8200  | 850  | 54.8  | 89436 | 89436 |
| 190 | 240 | 37  | 385  | 1500  | 1100 | 3.84  | 81138 | 81138 |
| 190 | 270 | 62  | 880  | 3000  | 1000 | 10.4  | 81238 | 81238 |
| 190 | 380 | 115 | 2450 | 9200  | 800  | 65.7  | 89438 | 89438 |
| 200 | 250 | 37  | 395  | 1550  | 1100 | 4     | 81140 | 81140 |
| 200 | 280 | 62  | 900  | 3150  | 1000 | 11.91 | 81240 | 81240 |
| 200 | 400 | 122 | 2700 | 10200 | 750  | 74.8  | 89440 | 89440 |
| 220 | 270 | 37  | 420  | 1730  | 1000 | 4.5   | 81144 | 81144 |
| 220 | 300 | 63  | 940  | 3450  | 900  | 12.85 | 81244 | 81244 |
| 220 | 420 | 122 | 2900 | 11500 | 750  | 82    | 89444 | 89444 |
| 240 | 300 | 45  | 600  | 2500  | 900  | 7.25  | 81148 | 81148 |
| 240 | 340 | 78  | 1370 | 5000  | 800  | 21.95 | 81248 | 81248 |
| 240 | 440 | 122 | 3000 | 12200 | 700  | 87.8  | 89448 | 89448 |
| 260 | 320 | 45  | 620  | 2650  | 800  | 7.83  | 81152 | 81152 |
| 260 | 360 | 79  | 1440 | 5400  | 750  | 23.9  | 81252 | 81252 |
| 260 | 480 | 132 | 3550 | 14600 | 650  | 114   | 89452 | 89452 |
| 280 | 350 | 53  | 860  | 3650  | 750  | 10.3  | 81156 | 81156 |
| 280 | 380 | 80  | 1460 | 5600  | 700  | 25.9  | 81256 | 81256 |
| 280 | 520 | 145 | 4200 | 17400 | 600  | 142   | 89456 | 89456 |
| 300 | 380 | 62  | 1060 | 4500  | 700  | 16.67 | 81160 | 81160 |
| 300 | 420 | 95  | 1930 | 7300  | 650  | 40.55 | 81260 | 81260 |
| 300 | 540 | 145 | 4300 | 18400 | 550  | 153   | 89460 | 89460 |

|     |     |    |      |      |     |       |       |       |
|-----|-----|----|------|------|-----|-------|-------|-------|
| 320 | 400 | 63 | 1100 | 4750 | 650 | 17.82 | 81164 | 81164 |
| 320 | 440 | 95 | 1960 | 7600 | 600 | 42.6  | 81264 | 81264 |

注： \*表列为油润滑数值, 脂润滑为表列数值50%。