

# 65 to 75 mm

| Designation | Boundary dimensions | | | Balls | | | Dimensions | | | | | | Abutment dimensions | | | | | Weight | Contact angle | Load rating | | | Speed value | | Preload/axial rigidity | | | | | | Spring preload | Designation |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | | | | | | | | | | | | | | L | | M | | S | | | |
| | d | D | B | $d_m$ | $D_W$ | Z | $d_1$ | $d_2$ | $D_1$ | $D_2$ | $r_{1,2}$ | $r_{3,4}$ | $r_{a\,max}$ | $r_{b\,max}$ | $d_{a,\,b\,min}$ | $D_{a,\,b\,max}$ | $d_T$ | m | $\alpha_0$ | C | $C_0$ | $C_{0\,HY}$ | $n_{oil}$ | $n_{grease}$ | $F_v$ | $C_{ax}$ | $F_v$ | $C_{ax}$ | $F_v$ | $C_{ax}$ | $F_f$ | |
| **65 mm** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **65 mm** |
| S 61913 C TA | 65 | 90 | 13 | 77.5 | 7.144 | 24 | 73.1 | | 81.9 | 84.5 | 1.0 | 0.3 | 0.6 | 0.3 | 70.0 | 85.0 | 75.4 | 0.207 | 15 | 19500 | 20000 | 14000 | 22000 | 16500 | 100 | 59 | 300 | 96 | 600 | 135 | 500 | S 61913 C TA |
| S 61913 E TA | 65 | 90 | 13 | 77.5 | 7.144 | 24 | 73.1 | | 81.9 | 84.5 | 1.0 | 0.3 | 0.6 | 0.3 | 70.0 | 85.0 | 75.4 | 0.207 | 25 | 18300 | 18900 | 13300 | 18500 | 14000 | 160 | 144 | 470 | 215 | 940 | 286 | 665 | S 61913 E TA |
| SM 61913 C TA | 65 | 90 | 13 | 77.5 | 7.144 | 24 | 73.1 | | 81.9 | 84.5 | 1.0 | 0.3 | 0.6 | 0.3 | 70.0 | 85.0 | 75.4 | 0.207 | 19 | 14400 | 10800 | 7600 | 26000 | 19500 | 75 | 64 | 220 | 96 | 440 | 126 | 550 | SM 61913 C TA |
| KH 61913 C TA | 65 | 90 | 13 | 77.5 | 5.556 | 34 | 73.1 | 71.8 | 82.9 | 84.5 | 1.0 | 0.3 | 0.6 | 0.3 | 70.0 | 85.0 | 75.0 | 0.207 | 17 | 10600 | 8600 | 6050 | 27500 | 20500 | 55 | 56 | 160 | 83 | 320 | 110 | 380 | KH 61913 C TA |
| KH 61913 E TA | 65 | 90 | 13 | 77.5 | 5.556 | 34 | 73.1 | 71.8 | 82.9 | 84.5 | 1.0 | 0.3 | 0.6 | 0.3 | 70.0 | 85.0 | 75.0 | 0.207 | 25 | 10100 | 8200 | 5800 | 25000 | 18500 | 80 | 113 | 250 | 169 | 500 | 219 | 480 | KH 61913 E TA |
| S 6013 C TA | 65 | 100 | 18 | 82.5 | 9.525 | 23 | 76.9 | | 88.2 | 92.0 | 1.1 | 1.0 | 1.1 | 0.6 | 72.0 | 93.0 | 79.9 | 0.431 | 15 | 34500 | 34500 | 24100 | 20500 | 15500 | 175 | 78 | 525 | 128 | 1050 | 181 | 880 | S 6013 C TA |
| S 6013 E TA | 65 | 100 | 18 | 82.5 | 9.525 | 23 | 76.9 | | 88.2 | 92.0 | 1.1 | 1.0 | 1.1 | 0.6 | 72.0 | 93.0 | 79.9 | 0.431 | 25 | 32500 | 32500 | 22900 | 17500 | 13000 | 275 | 187 | 825 | 284 | 1650 | 376 | 1180 | S 6013 E TA |
| SM 6013 C TA | 65 | 100 | 18 | 82.5 | 9.525 | 23 | 76.9 | | 88.2 | 92.0 | 1.1 | 1.0 | 1.1 | 0.6 | 72.0 | 93.0 | 79.9 | 0.431 | 15 | 25000 | 18400 | 13000 | 24000 | 18000 | 130 | 58 | 380 | 91 | 760 | 123 | 760 | SM 6013 C TA |
| KH 6013 C TA | 65 | 100 | 18 | 82.5 | 7.938 | 25 | 76.9 | 75.7 | 89.2 | 92.4 | 1.1 | 1.0 | 1.1 | 0.6 | 72.0 | 93.0 | 79.3 | 0.431 | 17 | 17300 | 12500 | 8800 | 26000 | 19500 | 90 | 60 | 260 | 90 | 520 | 119 | 620 | KH 6013 C TA |
| KH 6013 E TA | 65 | 100 | 18 | 82.5 | 7.938 | 25 | 76.9 | 75.7 | 89.2 | 92.4 | 1.1 | 1.0 | 1.1 | 0.6 | 72.0 | 93.0 | 79.3 | 0.431 | 25 | 16500 | 11900 | 8400 | 23500 | 17500 | 140 | 125 | 410 | 182 | 800 | 235 | 790 | KH 6013 E TA |
| S 6213 C TA | 65 | 120 | 23 | 92.5 | 15.875 | 16 | 82.8 | | 102.3 | 108.5 | 1.5 | 1.1 | 1.5 | 1.1 | 75.0 | 110.0 | 88.3 | 1.008 | 15 | 72500 | 61500 | 43500 | 18500 | 14000 | 370 | 96 | 1110 | 158 | 2220 | 225 | 1850 | S 6213 C TA |
| S 6213 E TA | 65 | 120 | 23 | 92.5 | 15.875 | 16 | 82.8 | | 102.3 | 108.5 | 1.5 | 1.1 | 1.5 | 1.1 | 75.0 | 110.0 | 88.3 | 1.008 | 25 | 69000 | 59000 | 41500 | 15500 | 11500 | 590 | 228 | 1760 | 347 | 3520 | 462 | 2550 | S 6213 E TA |
| **70 mm** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **70 mm** |
| S 61914 C TA | 70 | 100 | 16 | 85 | 7.938 | 24 | 80.1 | | 89.9 | 92.7 | 1.0 | 0.3 | 0.6 | 0.3 | 76.0 | 94.5 | 82.6 | 0.346 | 15 | 24400 | 26000 | 18200 | 20000 | 15000 | 130 | 69 | 370 | 111 | 740 | 156 | 625 | S 61914 C TA |
| S 61914 E TA | 70 | 100 | 16 | 85 | 7.938 | 24 | 80.1 | | 89.9 | 92.7 | 1.0 | 0.3 | 0.6 | 0.3 | 76.0 | 94.5 | 82.6 | 0.346 | 25 | 23000 | 24500 | 17300 | 17000 | 12500 | 200 | 165 | 590 | 247 | 1180 | 329 | 840 | S 61914 E TA |
| SM 61914 C TA | 70 | 100 | 16 | 85 | 7.938 | 24 | 80.1 | | 89.9 | 92.7 | 1.0 | 0.3 | 0.6 | 0.3 | 76.0 | 94.5 | 82.6 | 0.346 | 19 | 17300 | 13000 | 9200 | 23500 | 17500 | 90 | 71 | 260 | 105 | 530 | 139 | 660 | SM 61914 C TA |
| KH 61914 C TA | 70 | 100 | 16 | 85 | 6.35 | 32 | 80.1 | 78.5 | 91.3 | 93.4 | 1.0 | 0.3 | 0.6 | 0.3 | 76.0 | 94.5 | 82.3 | 0.346 | 17 | 13000 | 10600 | 7400 | 25000 | 18500 | 65 | 59 | 200 | 89 | 390 | 118 | 465 | KH 61914 C TA |
| KH 61914 E TA | 70 | 100 | 16 | 85 | 6.35 | 32 | 80.1 | 78.5 | 91.3 | 93.4 | 1.0 | 0.3 | 0.6 | 0.3 | 76.0 | 94.5 | 82.3 | 0.346 | 25 | 12400 | 10100 | 7050 | 22500 | 17000 | 100 | 122 | 310 | 182 | 620 | 235 | 590 | KH 61914 E TA |
| S 6014 C TA | 70 | 110 | 20 | 90 | 11.906 | 21 | 82.6 | | 97.4 | 101.7 | 1.1 | 1.0 | 1.1 | 0.6 | 77.0 | 102.0 | 86.6 | 0.593 | 15 | 48500 | 46000 | 32500 | 19000 | 14000 | 240 | 85 | 700 | 140 | 1400 | 200 | 1240 | S 6014 C TA |
| S 6014 E TA | 70 | 110 | 20 | 90 | 11.906 | 21 | 82.6 | | 97.4 | 101.7 | 1.1 | 1.0 | 1.1 | 0.6 | 77.0 | 102.0 | 86.6 | 0.593 | 25 | 46000 | 43500 | 30500 | 16000 | 12000 | 400 | 200 | 1200 | 310 | 2400 | 420 | 1670 | S 6014 E TA |
| SM 6014 C TA | 70 | 110 | 20 | 90 | 11.906 | 21 | 82.6 | | 97.4 | 101.7 | 1.1 | 1.0 | 1.1 | 0.6 | 77.0 | 102.0 | 86.6 | 0.593 | 15 | 35500 | 25500 | 17800 | 22000 | 16500 | 180 | 66 | 500 | 99 | 1000 | 134 | 1070 | SM 6014 C TA |
| KH 6014 C TA | 70 | 110 | 20 | 90 | 9.525 | 24 | 82.6 | 81.1 | 96.7 | 100.8 | 1.1 | 1.0 | 1.1 | 0.6 | 77.0 | 102.0 | 85.7 | 0.593 | 17 | 23700 | 17200 | 12100 | 24000 | 18000 | 120 | 68 | 360 | 104 | 720 | 137 | 850 | KH 6014 C TA |
| KH 6014 E TA | 70 | 110 | 20 | 90 | 9.525 | 24 | 82.6 | 81.1 | 96.7 | 100.8 | 1.1 | 1.0 | 1.1 | 0.6 | 77.0 | 102.0 | 85.7 | 0.593 | 25 | 22700 | 16400 | 11500 | 21500 | 16000 | 190 | 143 | 570 | 211 | 1150 | 274 | 1080 | KH 6014 E TA |
| **75 mm** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **75 mm** |
| S 61915 C TA | 75 | 105 | 16 | 90 | 8.731 | 25 | 84.7 | | 95.3 | 98.8 | 0.6 | 0.3 | 0.6 | 0.3 | 81.0 | 99.5 | 87.5 | 0.35 | 15 | 29500 | 31000 | 21600 | 19000 | 14000 | 150 | 75 | 440 | 120 | 890 | 169 | 760 | S 61915 C TA |
| S 61915 E TA | 75 | 105 | 16 | 90 | 8.731 | 25 | 84.7 | | 95.3 | 98.8 | 0.6 | 0.3 | 0.6 | 0.3 | 81.0 | 99.5 | 87.5 | 0.35 | 25 | 27500 | 29500 | 20500 | 16000 | 12000 | 230 | 178 | 700 | 270 | 1400 | 360 | 1000 | S 61915 E TA |
| SM 61915 C TA | 75 | 105 | 16 | 90 | 8.731 | 25 | 84.7 | | 95.3 | 98.8 | 0.6 | 0.3 | 0.6 | 0.3 | 81.0 | 99.5 | 87.5 | 0.35 | 19 | 20800 | 16000 | 11300 | 22000 | 16500 | 110 | 78 | 320 | 116 | 640 | 153 | 800 | SM 61915 C TA |
| S 6015 C TA | 75 | 115 | 20 | 95 | 11.906 | 22 | 87.8 | | 102.2 | 107 | 1.1 | 0.6 | 1.1 | 0.6 | 82.0 | 107.0 | 91.7 | 0.64 | 15 | 49500 | 48500 | 34000 | 18000 | 13500 | 250 | 91 | 760 | 148 | 1510 | 208 | 1270 | S 6015 C TA |
| S 6015 E TA | 75 | 115 | 20 | 95 | 11.906 | 22 | 87.8 | | 102.2 | 107 | 1.1 | 0.6 | 1.1 | 0.6 | 82.0 | 107.0 | 91.7 | 0.64 | 25 | 47000 | 46000 | 32500 | 15500 | 11500 | 400 | 219 | 1190 | 330 | 2380 | 440 | 1710 | S 6015 E TA |
| SM 6015 C TA | 75 | 115 | 20 | 95 | 11.906 | 22 | 87.8 | | 102.2 | 107 | 1.1 | 0.6 | 1.1 | 0.6 | 82.0 | 107.0 | 91.7 | 0.64 | 17 | 36000 | 26500 | 18700 | 21000 | 15500 | 180 | 82 | 550 | 126 | 1100 | 167 | 1230 | SM 6015 C TA |