 Deep groove ball ball bearing diagram

Deep groove ball bearing section view

TPI bearing model form

|  |  |  |  |
| --- | --- | --- | --- |
| Type No. | d | D | B |
| 6800 | 10 | 19 | 5 |
| 6800ZZ | 10 | 19 | 5 |
| 6800LLB | 10 | 19 | 5 |
| 6800LLU | 10 | 19 | 5 |
| 6900 | 10 | 22 | 6 |
| 6900ZZ | 10 | 22 | 6 |
| 6900LLB | 10 | 22 | 6 |
| 6900LLU | 10 | 22 | 6 |
| 6000 | 10 | 26 | 8 |
| 6000ZZ | 10 | 26 | 8 |
| 6000LLB | 10 | 26 | 8 |
| 6000LLH | 10 | 26 | 8 |
| 6000LLU | 10 | 26 | 8 |
| 6200 | 10 | 30 | 9 |
| 6200ZZ | 10 | 30 | 9 |
| 6200LLB | 10 | 30 | 9 |
| 6200LLH | 10 | 30 | 9 |
| 6200LLU | 10 | 30 | 9 |
| 6300 | 10 | 35 | 11 |
| 6300ZZ | 10 | 35 | 11 |
| 6300LLB | 10 | 35 | 11 |
| 6300LLH | 10 | 35 | 11 |
| 6300LLU | 10 | 35 | 11 |
| 6801 | 12 | 21 | 5 |
| 6801ZZ | 12 | 21 | 5 |
| 6801LLB | 12 | 21 | 5 |
| 6801LLU | 12 | 21 | 5 |
| 6901 | 12 | 24 | 6 |
| 6901ZZ | 12 | 24 | 6 |
| 6901LLB | 12 | 24 | 6 |
| 16001 | 12 | 28 | 7 |
| 6001 | 12 | 28 | 8 |
| 6001ZZ | 12 | 28 | 8 |
| 6001LLB | 12 | 28 | 8 |
| 6001LLH | 12 | 28 | 8 |
| 6001LLU | 12 | 28 | 8 |
| 6201 | 12 | 32 | 10 |
| 6201ZZ | 12 | 32 | 10 |
| 6201LLB | 12 | 32 | 10 |
| 6201LLH | 12 | 32 | 10 |
| 6201LLU | 12 | 32 | 10 |
| 6301 | 12 | 37 | 12 |
| 6301ZZ | 12 | 37 | 12 |
| 6301LLB | 12 | 37 | 12 |
| 6301LLH | 12 | 37 | 12 |
| 6301LLU | 12 | 37 | 12 |
| 6802 | 15 | 24 | 5 |
| 6802ZZ | 15 | 24 | 5 |
| 6802LLB | 15 | 24 | 5 |
| 6802LLU | 15 | 24 | 5 |
| 6902 | 15 | 28 | 7 |
| 6902ZZ | 15 | 28 | 7 |
| 6902LLB | 15 | 28 | 7 |
| 6902LLU | 15 | 28 | 7 |
| 16002 | 15 | 32 | 8 |
| 6002 | 15 | 32 | 9 |
| 6002ZZ | 15 | 32 | 9 |
| 6002LLB | 15 | 32 | 9 |
| 6002LLH | 15 | 32 | 9 |
| 6002LLU | 15 | 32 | 9 |
| 6202 | 15 | 35 | 11 |
| 6202ZZ | 15 | 35 | 11 |
| 6202LLB | 15 | 35 | 11 |
| 6202LLH | 15 | 35 | 11 |
| 6202LLU | 15 | 35 | 11 |
| 6302 | 15 | 42 | 13 |
| 6302ZZ | 15 | 42 | 13 |
| 6302LLB | 15 | 42 | 13 |
| 6302LLH | 15 | 42 | 13 |
| 6302LLU | 15 | 42 | 13 |
| 6803 | 17 | 26 | 5 |
| 6803ZZ | 17 | 26 | 5 |
| 6803LLB | 17 | 26 | 5 |
| 6803LLU | 17 | 26 | 5 |
| 6903 | 17 | 30 | 7 |
| 6903ZZ | 17 | 30 | 7 |
| 6903LLB | 17 | 30 | 7 |
| 6903LLU | 17 | 30 | 7 |
| 16003 | 17 | 35 | 8 |
| 6003 | 17 | 35 | 10 |
| 6003ZZ | 17 | 35 | 10 |
| 6003LLB | 17 | 35 | 10 |
| 6003LLH | 17 | 35 | 10 |
| 6003LLU | 17 | 35 | 10 |
| 6203 | 17 | 40 | 12 |
| 6203ZZ | 17 | 40 | 12 |
| 6203LLB | 17 | 40 | 12 |
| 6203LLH | 17 | 40 | 12 |
| 6203LLU | 17 | 40 | 12 |
| 6303 | 17 | 47 | 14 |
| 6303ZZ | 17 | 47 | 14 |
| 6303LLB | 17 | 47 | 14 |
| 6303LLH | 17 | 47 | 14 |
| 6303LLU | 17 | 47 | 14 |
| 6804 | 20 | 32 | 7 |
| 6804ZZ | 20 | 32 | 7 |
| 6804LLB | 20 | 32 | 7 |
| 6804LLU | 20 | 32 | 7 |
| 6904 | 20 | 37 | 9 |
| 6904ZZ | 20 | 37 | 9 |
| 6904LLB | 20 | 37 | 9 |
| 6904LLU | 20 | 37 | 9 |
| 16004 | 20 | 42 | 8 |
| 6004 | 20 | 42 | 12 |
| 6004ZZ | 20 | 42 | 12 |
| 6004LLB | 20 | 42 | 12 |
| 6004LLH | 20 | 42 | 12 |
| 6004LLU | 20 | 42 | 12 |
| 6204 | 20 | 47 | 14 |
| 6204ZZ | 20 | 47 | 14 |
| 6204LLB | 20 | 47 | 14 |
| 6204LLH | 20 | 47 | 14 |
| 6204LLU | 20 | 47 | 14 |
| 6304 | 20 | 52 | 15 |
| 6304ZZ | 20 | 52 | 15 |
| 6304LLB | 20 | 52 | 15 |
| 6304LLH | 20 | 52 | 15 |
| 6304LLU | 20 | 52 | 15 |
| 60/22 | 22 | 44 | 12 |
| 60/22ZZ | 22 | 44 | 12 |
| 60/22LLB | 22 | 44 | 12 |
| 60/22LLH | 22 | 44 | 12 |
| 60/22LLU | 22 | 44 | 12 |
| 62/22 | 22 | 50 | 14 |
| 62/22ZZ | 22 | 50 | 14 |
| 62/22LLB | 22 | 50 | 14 |
| 62/22LLH | 22 | 50 | 14 |
| 62/22LLU | 22 | 50 | 14 |
| 63/22 | 22 | 56 | 16 |
| 63/22ZZ | 22 | 56 | 16 |
| 63/22LLB | 22 | 56 | 16 |
| 63/22LLH | 22 | 56 | 16 |
| 63/22LLU | 22 | 56 | 16 |
| 6805 | 25 | 37 | 7 |
| 6805ZZ | 25 | 37 | 7 |
| 6805LLB | 25 | 37 | 7 |
| 6805LLU | 25 | 37 | 7 |
| 6905 | 25 | 42 | 9 |
| 6905ZZ | 25 | 42 | 9 |
| 6905LLB | 25 | 42 | 9 |
| 6905LLU | 25 | 42 | 9 |
| 16005 | 25 | 47 | 8 |
| 6005 | 25 | 47 | 12 |
| 6005ZZ | 25 | 47 | 12 |
| 6005LLB | 25 | 47 | 12 |
| 6005LLH | 25 | 47 | 12 |
| 6005LLU | 25 | 47 | 12 |
| 6205 | 25 | 52 | 15 |
| 6205ZZ | 25 | 52 | 15 |
| 6205LLB | 25 | 52 | 15 |
| 6205LLH | 25 | 52 | 15 |
| 6205LLU | 25 | 52 | 15 |
| 6305 | 25 | 62 | 17 |
| 6305ZZ | 25 | 62 | 17 |
| 6305LLB | 25 | 62 | 17 |
| 6305LLH | 25 | 62 | 17 |
| 6305LLU | 25 | 62 | 17 |
| 6405 | 25 | 80 | 21 |
| 60/28 | 28 | 52 | 12 |
| 60/28ZZ | 28 | 52 | 12 |
| 60/28LLB | 28 | 52 | 12 |
| 60/28LLH | 28 | 52 | 12 |
| 60/28LLU | 28 | 52 | 12 |
| 62/28 | 28 | 58 | 16 |
| 62/28ZZ | 28 | 58 | 16 |
| 62/28LLB | 28 | 58 | 16 |
| 62/228LLH | 28 | 58 | 16 |
| 62/228LLU | 28 | 58 | 16 |
| 63/28 | 28 | 68 | 18 |
| 63/28ZZ | 28 | 68 | 18 |
| 63/28LLB | 28 | 68 | 18 |
| 63/28LLH | 28 | 68 | 18 |
| 63/28LLU | 28 | 68 | 18 |
| 6806 | 30 | 42 | 7 |
| 6806ZZ | 30 | 42 | 7 |
| 6806LLB | 30 | 42 | 7 |
| 6806LLU | 30 | 42 | 7 |
| 6906 | 30 | 47 | 9 |
| 6906ZZ | 30 | 47 | 9 |
| 6906LLU | 30 | 47 | 9 |
| 16006 | 30 | 55 | 9 |
| 6006 | 30 | 55 | 13 |
| 6006ZZ | 30 | 55 | 13 |
| 6006LLB | 30 | 55 | 13 |
| 6006LLH | 30 | 55 | 13 |
| 6006LLU | 30 | 55 | 13 |
| 6206 | 30 | 62 | 16 |
| 6206ZZ | 30 | 62 | 16 |
| 6206LLB | 30 | 62 | 16 |
| 6206LLH | 30 | 62 | 16 |
| 6206LLU | 30 | 62 | 16 |
| 6306 | 30 | 72 | 19 |
| 6306ZZ | 30 | 72 | 19 |
| 6306LLB | 30 | 72 | 19 |
| 6306LLH | 30 | 72 | 19 |
| 6306LLU | 30 | 72 | 19 |
| 60/32 | 32 | 58 | 13 |
| 60/32ZZ | 32 | 58 | 13 |
| 60/32LLB | 32 | 58 | 13 |
| 60/32LLH | 32 | 58 | 13 |
| 60/32LLU | 32 | 58 | 13 |
| 62/32 | 32 | 65 | 17 |
| 62/32ZZ | 32 | 65 | 17 |
| 62/32LLB | 32 | 65 | 17 |
| 62/32LLH | 32 | 65 | 17 |
| 62/32LLU | 32 | 65 | 17 |
| 63/32 | 32 | 75 | 20 |
| 63/32ZZ | 32 | 75 | 20 |
| 63/32LLB | 32 | 75 | 20 |
| 63/32LLH | 32 | 75 | 20 |
| 63/32LLU | 32 | 75 | 20 |
| 6807 | 35 | 47 | 7 |
| 6807ZZ | 35 | 47 | 7 |
| 6807LLB | 35 | 47 | 7 |
| 6807LLU | 35 | 47 | 7 |
| 6907 | 35 | 55 | 10 |
| 6907ZZ | 35 | 55 | 10 |
| 6907LLB | 35 | 55 | 10 |
| 6907LLU | 35 | 55 | 10 |
| 16007 | 35 | 62 | 9 |
| 6007 | 35 | 62 | 14 |
| 6007ZZ | 35 | 62 | 14 |
| 6007LLB | 35 | 62 | 14 |
| 6007LLH | 35 | 62 | 14 |
| 6007LLU | 35 | 62 | 14 |
| 6207 | 35 | 72 | 17 |
| 6207ZZ | 35 | 72 | 17 |
| 6207LLB | 35 | 72 | 17 |
| 6207LLH | 35 | 72 | 17 |
| 6207LLU | 35 | 72 | 17 |
| 6307 | 35 | 80 | 21 |
| 6307ZZ | 35 | 80 | 21 |
| 6307LLB | 35 | 80 | 21 |
| 6307LLH | 35 | 80 | 21 |
| 6307LLU | 35 | 80 | 21 |
| 6808 | 40 | 52 | 7 |
| 6808ZZ | 40 | 52 | 7 |
| 6808LLB | 40 | 52 | 7 |
| 6808LLU | 40 | 52 | 7 |
| 6908 | 40 | 62 | 12 |
| 6908ZZ | 40 | 62 | 12 |
| 6908LLB | 40 | 62 | 12 |
| 6908LLU | 40 | 62 | 12 |
| 16008 | 40 | 68 | 9 |
| 6008 | 40 | 68 | 15 |
| 6008ZZ | 40 | 68 | 15 |
| 6008LLB | 40 | 68 | 15 |
| 6008LLH | 40 | 68 | 15 |
| 6008LLU | 40 | 68 | 15 |
| 6208 | 40 | 80 | 18 |
| 6208ZZ | 40 | 80 | 18 |
| 6208LLB | 40 | 80 | 18 |
| 6208LLH | 40 | 80 | 18 |
| 6208LLU | 40 | 80 | 18 |
| 6308 | 40 | 90 | 23 |
| 6308ZZ | 40 | 90 | 23 |
| 6308LLB | 40 | 90 | 23 |
| 6308LLH | 40 | 90 | 23 |
| 6308LLU | 40 | 90 | 23 |
| 6809 | 45 | 58 | 7 |
| 6809ZZ | 45 | 58 | 7 |
| 6809LLB | 45 | 58 | 7 |
| 6809LLU | 45 | 58 | 7 |
| 6909 | 45 | 68 | 12 |
| 6909ZZ | 45 | 68 | 12 |
| 6909LLB | 45 | 68 | 12 |
| 6909LLU | 45 | 68 | 12 |
| 16009 | 45 | 75 | 10 |
| 6009 | 45 | 75 | 16 |
| 6009ZZ | 45 | 75 | 16 |
| 6009LLB | 45 | 75 | 16 |
| 6009LLH | 45 | 75 | 16 |
| 6009LLU | 45 | 75 | 16 |
| 6209 | 45 | 85 | 19 |
| 6209ZZ | 45 | 85 | 19 |
| 6209LLB | 45 | 85 | 19 |
| 6209LLH | 45 | 85 | 19 |
| 6209LLU | 45 | 85 | 19 |
| 6309 | 45 | 100 | 25 |
| 6309ZZ | 45 | 100 | 25 |
| 6309LLB | 45 | 100 | 25 |
| 6309LLH | 45 | 100 | 25 |
| 6309LLU | 45 | 100 | 25 |
| 6810 | 50 | 65 | 7 |
| 6810ZZ | 50 | 65 | 7 |
| 6810LLB | 50 | 65 | 7 |
| 6810LLU | 50 | 65 | 7 |
| 6910 | 50 | 72 | 12 |
| 6910ZZ | 50 | 72 | 12 |
| 6910LLB | 50 | 72 | 12 |
| 6910LLU | 50 | 72 | 12 |
| 16010 | 50 | 80 | 10 |
| 6010 | 50 | 80 | 16 |
| 6010ZZ | 50 | 80 | 16 |
| 6010LLB | 50 | 80 | 16 |
| 6010LLH | 50 | 80 | 16 |
| 6010LLU | 50 | 80 | 16 |
| 6210 | 50 | 90 | 20 |
| 6210ZZ | 50 | 90 | 20 |
| 6210LLB | 50 | 90 | 20 |
| 6210LLH | 50 | 90 | 20 |
| 6210LLU | 50 | 90 | 20 |
| 6310 | 50 | 110 | 27 |
| 6310ZZ | 50 | 110 | 27 |
| 6310LLB | 50 | 110 | 27 |
| 6310LLH | 50 | 110 | 27 |
| 6310LLU | 50 | 110 | 27 |
| 6811 | 55 | 72 | 9 |
| 6811ZZ | 55 | 72 | 9 |
| 6811LLB | 55 | 72 | 9 |
| 6811LLU | 55 | 72 | 9 |
| 6911 | 55 | 80 | 13 |
| 6911ZZ | 55 | 50 | 13 |
| 6911LLB | 55 | 80 | 13 |
| 6911LLU | 55 | 80 | 13 |
| 16011 | 55 | 90 | 11 |
| 6011 | 55 | 90 | 18 |
| 6011ZZ | 55 | 90 | 18 |
| 6011LLB | 55 | 90 | 18 |
| 6011LLU | 55 | 90 | 18 |
| 6211 | 55 | 100 | 21 |
| 6211ZZ | 55 | 100 | 21 |
| 6211LLB | 55 | 100 | 21 |
| 6211LLU | 55 | 100 | 21 |
| 6311 | 55 | 120 | 29 |
| 6311ZZ | 55 | 120 | 29 |
| 6311LLB | 55 | 120 | 29 |
| 6311LLU | 55 | 120 | 29 |
| 6812 | 60 | 78 | 10 |
| 6812ZZ | 60 | 78 | 10 |
| 6812LLB | 60 | 78 | 10 |
| 6812LLU | 60 | 78 | 10 |
| 6912 | 60 | 85 | 13 |
| 6912ZZ | 60 | 85 | 13 |
| 6912LLB | 60 | 85 | 13 |
| 6912LLU | 60 | 85 | 13 |
| 16012 | 60 | 95 | 11 |
| 6012 | 60 | 95 | 18 |
| 6012ZZ | 60 | 95 | 18 |
| 6012LLB | 60 | 95 | 18 |
| 6012LLU | 60 | 95 | 18 |
| 6212 | 60 | 110 | 22 |
| 6212ZZ | 60 | 110 | 22 |
| 6212LLB | 60 | 110 | 22 |
| 6212LLU | 60 | 110 | 22 |
| 6312 | 60 | 130 | 31 |
| 6312ZZ | 60 | 130 | 31 |
| 6312LLB | 60 | 130 | 31 |
| 6312LLU | 60 | 130 | 31 |
| 6313 | 65 | 140 | 33 |
| 6314 | 70 | 150 | 35 |
| AC-6201 | 12 | 32 | 10 |
| AC-6201ZZ | 12 | 32 | 10 |
| AC-6201LLU | 12 | 32 | 10 |
| AC-6202 | 15 | 35 | 11 |
| AC-6202ZZ | 15 | 35 | 11 |
| AC-6202LLU | 15 | 35 | 11 |
| AC-6203 | 17 | 40 | 12 |
| AC-6203ZZ | 17 | 40 | 12 |
| AC-6203LLU | 17 | 40 | 12 |
| AC-6204LLB | 20 | 47 | 14 |
| AC-6204LLU | 20 | 47 | 14 |
| AC-6205ZZ | 25 | 52 | 15 |
| AC-6006ZZ | 30 | 55 | 13 |
| EC1-SC8A37 | 8 | 23 | 14 |
| EC-608 | 8 | 22 | 7 |
| EC-608ZZ | 8 | 22 | 7 |
| EC-629 | 9 | 26 | 8 |
| EC-629ZZ | 9 | 26 | 8 |
| EC-629LLU | 9 | 26 | 8 |
| EC-6000 | 10 | 26 | 8 |
| EC-6000ZZ | 10 | 26 | 8 |
| EC-6000LLU | 10 | 26 | 8 |
| EC1-6001ZZ | 12 | 28 | 8 |
| EC-6002 | 15 | 32 | 9 |
| EC-6002ZZ | 15 | 32 | 9 |
| EC-6002LLU | 15 | 32 | 9 |
| EC1-6202 | 15 | 35 | 11 |
| EC1-6202LLB | 15 | 35 | 11 |
| EE3 | 9.525 | 22.225 | 5.557 |
| R6ZZ | 9.525 | 22.225 | 7.142 |
| EE4 | 12.7 | 28.575 | 6.35 |
| R8U | 12.7 | 28.575 | 7.938 |
| R8ZZ | 12.7 | 28.575 | 7.938 |
| R8LLU | 12.7 | 28.575 | 7.938 |
| BL206 | 30 | 62 | 16 |
| BL207 | 35 | 72 | 17 |
| SC727ZZ | 7 | 18 | 6 |
| SC8A96ZZ | 8 | 18 | 6 |
| SC0039ZZ | 10 | 26 | 8 |
| SC00T50 | 10 | 30 | 8 |
| SC0117LLU | 11.087 | 30 | 9 |
| SC02T01LLB | 14 | 26 | 7 |
| SC0284 | 15 | 42 | 11.5 |
| SC02A17 | 15 | 35 | 8.5 |
| SC02A51LLU | 15 | 35 | 13 |
| SC0217ZZ | 15.875 | 34.925 | 11 |
| SC0217LLU | 15.875 | 34.925 | 11 |
| SC0228LLB | 15.875 | 34.925 | 11.112 |
| SC0228LLU | 15.875 | 34.925 | 11.112 |
| SC02A47LLU | 15.875 | 34.925 | 11 |
| SC03A39 | 17 | 42 | 13 |
| SC0345 | 17 | 42 | 12 |
| SC0345LLU | 17 | 42 | 12 |
| SC03T01LLU | 17 | 40 | 14 |
| SC03T52LLU | 17 | 46 | 14 |
| SC03T50LLU | 17 | 52 | 16 |
| SC03T02LLB | 18 | 30 | 7 |
| SC04B09 | 19.05 | 45.225 | 15.494 |
| SC0440LLU | 19.06 | 45.224 | 15.494 |
| SC04A31 | 20 | 47 | 12 |
| SC04A34 | 20 | 47 | 12 |
| SC04A47 | 20 | 52 | 12 |
| SC04A50 | 20 | 52 | 12 |
| SC04A86 | 22 | 56 | 15 |
| SC632201 | 22 | 56 | 15 |
| SC05T52 | 25 | 52 | 13 |
| SC05T03LLB | 25 | 52 | 15 |
| SC05T51 | 25 | 52 | 15 |
| SC05A97 | 25 | 56 | 12 |
| SC0563 | 25 | 62 | 12 |
| SC06T02 | 28 | 72 | 18 |
| SC07B37 | 35 | 72 | 14 |
| SX6A54ZZ | 6 | 19 | 6.6 |
| SX01A36 | 12 | 32 | 10.8 |
| SX01T50 | 12 | 32 | 16 |
| SX02A26ZZ | 15 | 35 | 11 |
| SX05A81 | 27 | 47 | 8 |
| 99502 | 15.875 | 34.925 | 11 |
| 99502HV | 15.875 | 34.925 | 11 |
| 99502H | 15.875 | 34.925 | 11 |
| 626 | 6 | 19 | 6 |
| 626ZZ | 6 | 19 | 6 |
| 626LLB | 6 | 19 | 6 |
| 626LLH | 6 | 19 | 6 |
| 626LLU | 6 | 19 | 6 |
| 607 | 7 | 19 | 6 |
| 607ZZ | 7 | 19 | 6 |
| 607LLB | 7 | 19 | 6 |
| 607LLH | 7 | 19 | 6 |
| 607LLU | 7 | 19 | 6 |
| 627 | 7 | 22 | 7 |
| 627ZZ | 7 | 22 | 7 |
| 627LLB | 7 | 22 | 7 |
| 627LLU | 7 | 22 | 7 |
| 608 | 8 | 22 | 7 |
| 608ZZ | 8 | 22 | 7 |
| 608LLB | 8 | 22 | 7 |
| 608LLH | 8 | 22 | 7 |
| 608LLU | 8 | 22 | 7 |
| 628 | 8 | 24 | 8 |
| 628ZZ | 8 | 24 | 8 |
| 638 | 8 | 28 | 9 |
| 638ZZ | 8 | 28 | 9 |
| 638LLU | 8 | 28 | 9 |
| 699 | 9 | 20 | 6 |
| 699ZZ | 9 | 20 | 6 |
| 699LLB | 9 | 20 | 6 |
| 609 | 9 | 24 | 7 |
| 609ZZ | 9 | 24 | 7 |
| 609LLB | 9 | 24 | 7 |
| 609LLU | 9 | 24 | 7 |
| 629 | 9 | 26 | 8 |
| 629ZZ | 9 | 26 | 8 |
| 629LLB | 9 | 26 | 8 |
| 629LLU | 9 | 26 | 8 |