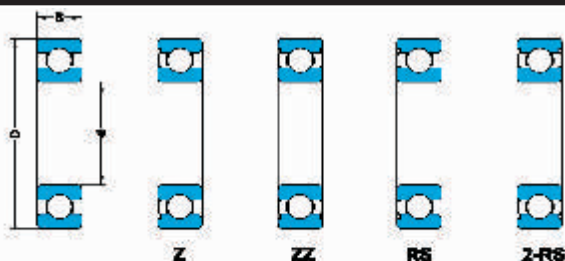


Deep groove ball bearings
Single row
d 25-45 mm



| Principal Dimensions | | | Basic load ratings | | Fatigue Load Limit | Speed ratings Lubrication | | Mass | Designation |
|----------------------|-----|-------|--------------------|--------------------------|----------------------|------------------------------|-------|-------------|--------------|
| d mm | D | B | dynamic C kN | Static C ₀ | P _u kN | Grease | Oil | kg | - |
| | | | | | | RPM | | | |
| 25 | 37 | 7 | 4.36 | 2.60 | 0.125 | 17000 | 20000 | 0.022 | 61805 |
| | 42 | 9 | 6.63 | 4.00 | 0.176 | 16000 | 19000 | 0.045 | 61905 |
| | 47 | 8 | 7.61 | 4.75 | 0.212 | 14000 | 17000 | 0.060 | 16005 |
| | 47 | 12 | 11.20 | 6.55 | 0.275 | 15000 | 18000 | 0.080 | 6005 |
| | 52 | 15 | 14.00 | 7.80 | 0.335 | 12000 | 15000 | 0.13 | 6205 |
| | 62 | 17 | 22.50 | 11.60 | 0.49 | 11000 | 14000 | 0.23 | 6305 |
| | 80 | 21 | 35.80 | 19.30 | 0.815 | 9000 | 11000 | 0.53 | 6405 |
| 30 | 42 | 7 | 4.49 | 2.90 | 0.146 | 15000 | 18000 | 0.027 | 61806 |
| | 47 | 9 | 7.28 | 4.55 | 0.212 | 14000 | 17000 | 0.051 | 61906 |
| | 55 | 9 | 11.20 | 7.35 | 0.31 | 12000 | 15000 | 0.085 | 16006 |
| | 62 | 16 | 19.50 | 11.20 | 0.475 | 10000 | 13000 | 0.20 | 6206 |
| | 72 | 19 | 28.10 | 16.00 | 0.67 | 9000 | 11000 | 0.35 | 6306 |
| | 90 | 23 | 43.60 | 23.60 | 1.0 | 8500 | 10000 | 0.74 | 6406 |
| 35 | 47 | 7 | 4.75 | 3.20 | 0.166 | 13000 | 16000 | 0.030 | 61807 |
| | 55 | 10 | 9.56 | 6.20 | 0.29 | 11000 | 14000 | 0.080 | 61907 |
| | 55 | 13 | 13.30 | 8.30 | 0.355 | 12000 | 15000 | 0.12 | 6006 |
| | 62 | 9 | 12.40 | 8.15 | 0.375 | 11000 | 13000 | 0.11 | 16007 |
| | 62 | 14 | 15.90 | 10.20 | 0.44 | 10000 | 13000 | 0.16 | 6007 |
| | 72 | 17 | 25.50 | 15.30 | 0.655 | 9000 | 11000 | 0.29 | 6207 |
| | 80 | 21 | 33.20 | 19.00 | 0.815 | 8500 | 10000 | 0.46 | 6307 |
| 100 | 25 | 55.30 | 31.00 | 1.29 | 7000 | 8500 | 0.95 | 6407 | |
| 40 | 52 | 7 | 4.94 | 3.45 | 0.186 | 11000 | 14000 | 0.034 | 61808 |
| | 62 | 12 | 13.80 | 9.30 | 0.425 | 10000 | 13000 | 0.12 | 61908 |
| | 68 | 9 | 13.30 | 9.15 | 0.44 | 9500 | 12000 | 0.13 | 16008 |
| | 68 | 15 | 16.80 | 11.60 | 0.49 | 9500 | 12000 | 0.19 | 6008 |
| | 80 | 18 | 30.70 | 19.00 | 0.80 | 8500 | 10000 | 0.37 | 6280 |
| | 90 | 23 | 41.00 | 24.00 | 1.02 | 7500 | 9000 | 0.63 | 6308 |
| 110 | 27 | 63.70 | 36.50 | 1.53 | 6700 | 8000 | 1.25 | 6408 | |
| 45 | 58 | 7 | 6.05 | 4.3 | 0.22 | 9500 | 12000 | 0.040 | 61809 |
| | 68 | 12 | 14.0 | 98.0 | 0.46 | 90000 | 11000 | 0.14 | 61909 |
| | 75 | 10 | 15.6 | 10.8 | 0.52 | 9000 | 11000 | 0.17 | 16009 |
| | 75 | 16 | 20.8 | 14.6 | 0.64 | 9000 | 11000 | 0.25 | 6009 |
| | 85 | 19 | 33.2 | 21.6 | 0.91 | 7500 | 9000 | 0.41 | 6209 |
| | 100 | 25 | 52.7 | 31.5 | 1.34 | 6700 | 8000 | 0.83 | 6309 |
| 120 | 29 | 76.1 | 45.0 | 1.90 | 6000 | 7000 | 1.55 | 6409 | |