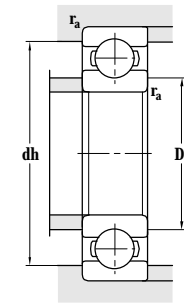
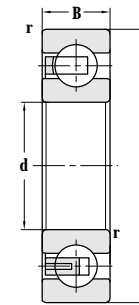
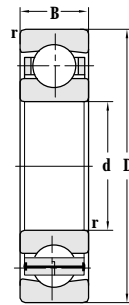
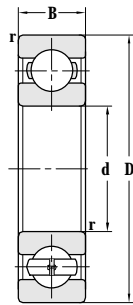


Deep Groove Ball Bearing

d 80-90 mm



| Principal dimensions | | | | Basic load ratings | | Limit speed ratings | |
|----------------------|-----|-------|------------------|--------------------|-----------------|---------------------|------|
| d | D | B | r _{min} | C _r | C _{or} | Grease | Oil |
| mm | | | | kN | | r/min | |
| 80 | 170 | 39 | 2.1 | 125 | 86.5 | 3800 | 4500 |
| | 170 | 39 | 2.1 | 125 | 86.5 | 3800 | 4500 |
| | 200 | 48 | 3 | 160 | 122 | 3400 | 4000 |
| 85 | 120 | 18 | 1.1 | 30.3 | 27.0 | 5300 | 6300 |
| | 130 | 14 | 0.6 | 31.5 | 30.0 | 5000 | 6000 |
| | 130 | 22 | 1.1 | 47.5 | 40.0 | 5000 | 6000 |
| | 130 | 22 | 1.1 | 47.5 | 40.0 | 5000 | 6000 |
| | 150 | 28 | 2 | 84.0 | 62.0 | 4300 | 5000 |
| | 150 | 28 | 2 | 77.0 | 59.0 | 4300 | 5000 |
| | 150 | 28 | 2 | 84.0 | 62.0 | 4300 | 5000 |
| | 150 | 28 | 2 | 84.0 | 62.0 | 4300 | 5000 |
| | 150 | 28 | 2 | 84.0 | 62.0 | 4300 | 5000 |
| | 150 | 28 | 2 | 84.0 | 62.0 | 4300 | 5000 |
| | 150 | 28 | 2 | 77.0 | 59.0 | 4300 | 5000 |
| | 150 | 28 | 1 | 77.0 | 59.0 | 4300 | 5000 |
| | 180 | 41 | 3 | 102 | 96.5 | 3800 | 4500 |
| | 180 | 41 | 3 | 102 | 96.5 | 3800 | 4500 |
| | 180 | 41 | 3 | 102 | 96.5 | 3800 | 4500 |
| | 180 | 41 | 3 | 102 | 96.5 | 3600 | 4300 |
| 180 | 41 | 3 | 102 | 96.5 | 3800 | 4500 | |
| 210 | 52 | 4 | 170 | 132 | 3200 | 3800 | |
| 88.9 | 127 | 19.05 | 1.1 | 28.9 | 28.4 | 4400 | 5500 |
| 90 | 125 | 18 | 1.1 | 33.0 | 31.5 | 5000 | 6000 |
| | 125 | 18 | 1.1 | 33.0 | 31.5 | 5000 | 6000 |
| | 125 | 18 | 0.6 | 33.0 | 31.5 | 5000 | 6000 |
| | 140 | 24 | 1.5 | 58.5 | 50.0 | 4800 | 5600 |
| | 140 | 16 | 1 | 58.5 | 50.0 | 4800 | 5600 |
| | 140 | 24 | 1.5 | 58.5 | 50.0 | 4800 | 5600 |
| | 160 | 30 | 2 | 97.0 | 72.0 | 3800 | 4500 |
| | 160 | 30 | 2 | 73.5 | 72 | 3800 | 4500 |
| | 160 | 30 | 2 | 97.0 | 72.0 | 3800 | 4500 |
| | 190 | 43 | 3 | 144 | 108 | 3400 | 4000 |
| | 190 | 43 | 3 | 144 | 108 | 3400 | 4000 |

| Designations | Abutment and fillet dimensions | | | Weight |
|----------------------|--------------------------------|-------------------|-------------------|--------|
| | D _{smin} | dh _{max} | r _{amax} | |
| | mm | | | kg |
| 6316M/HQ1 | 91 | 159 | 2 | 4.54 |
| 6316A | 91 | 159 | 2 | 3.68 |
| 6416 | 93 | 187 | 2.5 | 6.84 |
| 61917 | 91 | 114 | 1 | 0.557 |
| 16017 | 89 | 126 | 0.6 | 0.636 |
| 6017 | 91.5 | 123.5 | 1 | 0.935 |
| 6017M | 91.5 | 123.5 | 1 | 1.12 |
| 6217 | 94 | 141 | 2 | 1.85 |
| 6217/W124 | 94 | 141 | 2 | 1.85 |
| 6217K | 94 | 141 | 2 | 1.81 |
| 6217A | 94 | 141 | 2 | 1.85 |
| 6217/HA | 94 | 141 | 2 | 1.80 |
| 6217M | 94 | 141 | 2 | 1.91 |
| 6217/CRA9W124 | 94 | 141 | 2 | 1.85 |
| 6217R/C3Z1YA6 | 94 | 141 | 1 | 1.95 |
| 6317 | 98 | 167 | 2.5 | 4.33 |
| 6317/P6CMV2 | 98 | 167 | 2.5 | 4.33 |
| 6317M | 98 | 167 | 2.5 | 4.97 |
| 6317/CRA9W124 | 99 | 166 | 2.5 | 4.29 |
| 317U1 | 98 | 167 | 2.5 | 4.33 |
| 6417 | 101 | 194 | 3 | 8.10 |
| 66/88.9/YA2 | 96.4 | 120.5 | 1 | 0.690 |
| 61918 | 96.5 | 118.5 | 1 | 0.572 |
| 61918M | 96.5 | 118.5 | 1 | 0.680 |
| 61918/YA6 | 96.5 | 118.5 | 0.5 | 0.572 |
| 6018 | 98 | 132 | 1.5 | 1.15 |
| 16018M | 95 | 135 | 1 | 0.990 |
| 6018M | 98 | 132 | 1.5 | 1.36 |
| 6218 | 99 | 151 | 2 | 2.19 |
| 6218/CRA9W124 | 101 | 149 | 2 | 2.19 |
| 218U1 | 99 | 151 | 2 | 2.19 |
| 6318 | 103 | 177 | 2.5 | 4.97 |
| 6318/CM | 103 | 177 | 2.5 | 4.97 |