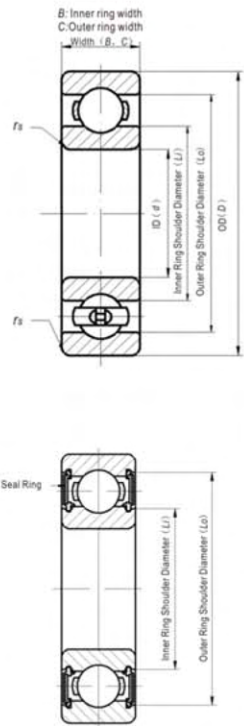


Miniature Metric Series

(Unit : mm)

Dimensions list of deep groove ball bearing



| Nominal code | NMB | Main dimension | | | | | Chamfer angle r min | Basic rated load | | | | Extremity rotating speed (r/min) | | | |
|--------------|--------|----------------|---------|--------------|----------------|--------------|------------------------|------------------|-------------------|-----|-------------------|----------------------------------|---|--------------|---------------------------|
| | | ID d | OD D | Width (B, C) | | Open bearing | | Closed bearing | Dynamic load (Cr) | | Static load (Cor) | | Grease lubrication | | Oil lubrication |
| | | | | Open bearing | Closed bearing | | | | N | kgf | N | kgf | Open type or shield & non-contact tightness | Contact type | Open type and shield type |
| 681 | --- | 1 | 3 | 1 | --- | 0.05 | 80 | 8 | 23 | 2.5 | 130000 | --- | 150000 | | |
| 691 | R-410 | | 4 | 1.6 | --- | 0.1 | 140 | 14 | 35 | 3.5 | 100000 | --- | 120000 | | |
| 682 | --- | 2 | 5 | 1.5 | 2.3 | 0.08 | 169 | 17 | 50 | 5 | 85000 | --- | 100000 | | |
| 692 | R-620 | | 6 | 2.3 | 3 | 0.15 | 330 | 34 | 98 | 10 | 75000 | --- | 90000 | | |
| 602 | R-720 | | 7 | 2.8 | 3.5 | 0.15 | 385 | 39 | 127 | 13 | 63000 | --- | 75000 | | |
| 683 | --- | 3 | 7 | 2 | 3 | 0.1 | 390 | 40 | 130 | 13 | 63000 | --- | 75000 | | |
| 693 | R-830 | | 8 | 3 | 4 | 0.15 | 560 | 57 | 179 | 18 | 60000 | --- | 67000 | | |
| 603 | R-930 | | 9 | 3 | 5 | 0.15 | 570 | 58 | 187 | 19 | 56000 | --- | 67000 | | |
| 623 | R-1030 | | 10 | 4 | 4 | 0.15 | 641 | 66 | 226 | 23 | 50000 | --- | 60000 | | |
| 633 | --- | | 13 | 5 | 5 | 0.2 | 1300 | 133 | 485 | 49 | 40000 | --- | 48000 | | |
| 684 | L-940 | 4 | 9 | 2.5 | 4 | 0.1 | 640 | 65 | 225 | 23 | 53000 | --- | 63000 | | |
| 694 | R-1140 | | 11 | 4 | 4 | 0.15 | 960 | 98 | 345 | 35 | 48000 | --- | 56000 | | |
| 604 | R-1240 | | 12 | 4 | 4 | 0.2 | 960 | 98 | 345 | 35 | 48000 | --- | 56000 | | |
| 624 | R-1340 | | 13 | 5 | 5 | 0.2 | 1300 | 133 | 485 | 49 | 40000 | --- | 48000 | | |
| 634 | R-1640 | | 16 | 5 | 5 | 0.3 | 1730 | 177 | 670 | 68 | 36000 | --- | 43000 | | |
| 685 | L-1150 | 5 | 11 | 3 | 5 | 0.15 | 715 | 73 | 281 | 29 | 45000 | --- | 53000 | | |
| 695 | R-1350 | | 13 | 4 | 4 | 0.2 | 1080 | 110 | 430 | 44 | 43000 | 40000 | 50000 | | |
| 605 | R-1450 | | 14 | 5 | 5 | 0.2 | 1330 | 135 | 505 | 52 | 40000 | 38000 | 50000 | | |
| 625 | R-1650 | | 16 | 5 | 5 | 0.3 | 1730 | 177 | 670 | 68 | 36000 | 32000 | 43000 | | |
| 635 | R-1950 | | 19 | 6 | 6 | 0.3 | 2340 | 238 | 885 | 90 | 32000 | 30000 | 40000 | | |

Remark : ① When the shield type bearing using its outer ring rotating, please ask vs for more information.
 ② vs company keeps the right of amending the technical specifications and other datas.