

MR Series

| With shielded | Aanduiding | | | Principal dimensions[mm] | | | | | | | Basic load ratings(N) | | Basic load ratings(kgf) | | Speed ratings(rpm) | | | Abutment and fillet dimensions (mm) | | | | | | Weight(g) | |
|---------------|------------|--------------|--------------|--------------------------|----|-----|-----|--------|-----|-----|-----------------------|-----|-------------------------|-------|--------------------|---------|---------|-------------------------------------|---------|---------|---------|-----------|---------------|-----------|---------|
| | Open type | With seal VV | With seal DD | d | D | B | B1 | r(min) | Cr | Cor | Cr | Cor | Grease | | Oil Z | da(min) | db(max) | Da(Max) | Db(min) | ra(max) | rb(max) | Open type | With shielded | | |
| | | | | | | | | | | | | | ZZ | D-D | | | | | | | | | | da(min) | db(max) |
| MR31 | - | - | - | 1 | 3 | 15 | - | 0.05 | 80 | 23 | 8 | 2.5 | 130000 | - | 150000 | 1.4 | - | 2.6 | - | 0.05 | - | 0.04 | - | | |
| MR41X | MR41XZZ | - | - | 1.2 | 4 | 1.8 | 2.5 | 0.1 | 138 | 35 | 14 | 3.5 | 110000 | - | 130000 | 2 | 1.9 | 3.2 | 3.5 | 0.1 | 0.1 | 0.1 | 0.14 | | |
| MR52B | MR52BZZ | - | - | 2 | 5 | 2 | 25 | 0.1 | 187 | 58 | 19 | 6 | 85000 | - | 100000 | 2.8 | 2.7 | 4.2 | 4.4 | 0.1 | 0.1 | 0.16 | 0.23 | | |
| MR62 | MR62ZZ | - | - | 2 | 6 | 25 | 2.5 | 0.15 | 330 | 98 | 34 | 10 | 75000 | - | 90000 | 3.2 | 3 | 4.8 | 5.2 | 0.15 | 0.15 | 0.3 | 0.29 | | |
| MR72 | MR72ZZ | - | - | 2 | 7 | 25 | 3 | 0.15 | 385 | 127 | 39 | 13 | 63000 | - | 75000 | 3.2 | 3.8 | 5.8 | 6.2 | 0.15 | 0.15 | 0.45 | 0.49 | | |
| MR82X | - | - | - | 2.5 | 8 | 25 | - | 2 | 560 | 179 | 57 | 18 | 60000 | - | 67000 | 4.1 | - | 6.4 | - | 0.2 | - | 0.56 | - | | |
| MR63 | MR63ZZ | - | - | 3 | 6 | 2 | 2.5 | 0.1 | 208 | 74 | 21 | 7.5 | 71000 | - | 80000 | 3.8 | 3.7 | 5.2 | 5.4 | 0.1 | 0.1 | 0.2 | 0.27 | | |
| MR83 | - | - | - | 3 | 8 | 2.5 | - | 0.15 | 560 | 179 | 57 | 18 | 60000 | - | 67000 | 4.2 | - | 6.8 | - | 0.15 | - | 0.54 | - | | |
| MR93 | MR93ZZ | - | - | 3 | 9 | 25 | 4 | 0.2 | 570 | 187 | 58 | 19 | 56000 | - | 67000 | 4.6 | 4.3 | 7.4 | 7.9 | 0.2 | 0.15 | 0.73 | 1.18 | | |
| MR74 | - | - | - | 4 | 7 | 2 | - | 0.1 | 310 | 115 | 32 | 12 | 60000 | - | 67000 | 4.8 | - | 6.2 | - | 0.1 | - | 0.22 | - | | |
| - | MR74ZZ | - | - | 4 | 7 | - | 25 | - | 255 | 107 | 26 | 11 | 60000 | - | 71000 | - | 4.8 | - | 6.3 | - | 0.1 | - | 0.29 | | |
| MR84 | MR84ZZ | - | - | 4 | 8 | 2 | 3 | 0.15 | 395 | 139 | 40 | 14 | 56000 | - | 67000 | 5.2 | 5 | 6.8 | 7.4 | 0.15 | 0.1 | 0.36 | 0.56 | | |
| MR104B | MR104BZZ | - | - | 4 | 10 | 3 | 4 | 0.2 | 710 | 270 | 73 | 28 | 50000 | - | 60000 | 5.6 | 5.9 | 8.4 | 8.8 | 0.2 | 0.15 | 1.04 | 1.42 | | |
| MR85 | - | - | - | 5 | 8 | 2 | - | 0.1 | 310 | 120 | 31 | 12 | 53000 | - | 63000 | 5.8 | - | 7.2 | - | 0.1 | - | 0.26 | - | | |
| - | MR85ZZ | - | - | 5 | 8 | - | 2.5 | - | 278 | 131 | 28 | 13 | 53000 | - | 63000 | - | 5.8 | - | 7.4 | - | 0.1 | - | 0.34 | | |
| MR95 | MR95ZZ1 | - | - | 5 | 9 | 2.5 | 3 | 0.15 | 430 | 168 | 44 | 17 | 50000 | - | 60000 | 6.2 | 6 | 7.8 | 8.2 | 0.15 | 0.15 | 0.5 | 0.58 | | |
| MR105 | MR105ZZ | - | - | 5 | 10 | 3 | 4 | 0.15 | 430 | 168 | 44 | 17 | 50000 | - | 60000 | 6.2 | 6 | 8.8 | 8.4 | 0.15 | 0.15 | 0.95 | 1.29 | | |
| - | MR115ZZ | MR115VV | - | 5 | 11 | - | 4 | - | 715 | 276 | 73 | 28 | 48000 | - | 56000 | - | 6.3 | - | 9.8 | - | 0.15 | - | 1.49 | | |
| MR106 | MR106ZZ1 | - | - | 6 | 10 | 2.5 | 3 | 0.15 | 495 | 218 | 51 | 22 | 45000 | - | 53000 | 7.2 | 7 | 8.8 | 9.3 | 0.15 | 0.1 | 0.56 | 0.68 | | |
| MR126 | MR126ZZ | - | MR126DD | 6 | 12 | 3 | 4 | 0.2 | 715 | 292 | 73 | 30 | 43000 | 40000 | 50000 | 7.6 | 7.2 | 10.4 | 10.9 | 0.2 | 0.15 | 1.27 | 1.74 | | |
| MR117 | MR117ZZ | - | - | 7 | 11 | 2.5 | 3 | 0.15 | 455 | 201 | 47 | 21 | 43000 | - | 50000 | 8.2 | 8 | 9.8 | 10.5 | 0.15 | 0.1 | 0.62 | 0.72 | | |
| MR137 | MR137ZZ | - | - | 7 | 13 | 3 | 4 | 0.2 | 540 | 276 | 55 | 28 | 40000 | - | 48000 | 8.6 | 9 | 11.4 | 11.6 | 0.2 | 0.15 | 1.58 | 2.02 | | |
| MR128 | MR128ZZ1 | - | - | 8 | 12 | 2.5 | 3.5 | 0.15 | 545 | 274 | 56 | 28 | 40000 | - | 48000 | 9.2 | 9 | 10.8 | 11.3 | 0.15 | 0.1 | 0.71 | 0.97 | | |
| MR148 | MR148ZZ | MR148VV | MR148DD | 8 | 14 | 3.5 | 4 | 0.2 | 820 | 385 | 83 | 39 | 38000 | 32000 | 45000 | 9.6 | 9.2 | 12.4 | 12.8 | 0.2 | 0.15 | 1.86 | 2.16 | | |