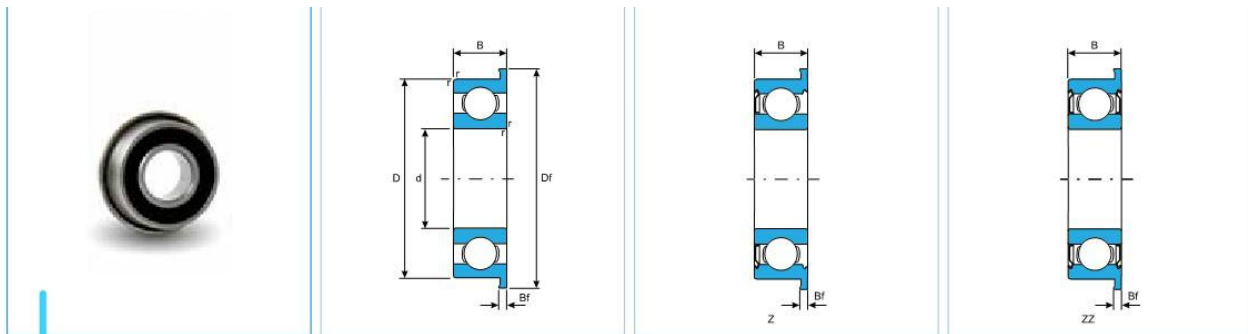


*"The Winning Team"*



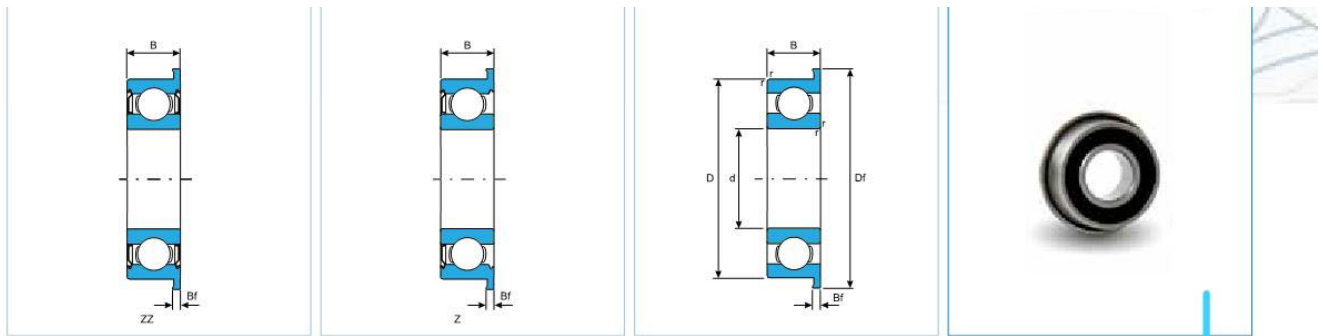
***Bearings & Components***



## Miniature radial ball flanged bearings (metric series)

*Microcuscineetti radiali a sfere flangiati (serie imetrica)*

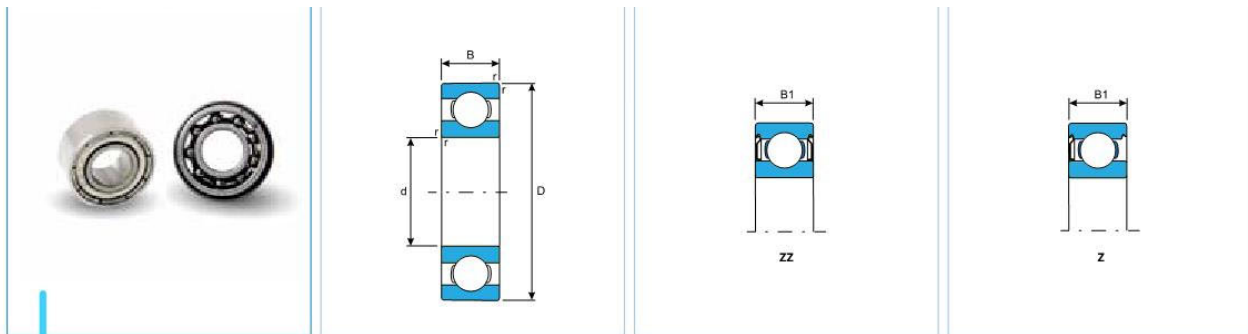
| Dimensione<br>Dimension |           |            |           |           |            | Coefficiente di carico (KN)<br>Load rating (KN) |                                     | Sigla<br>Designation |                       |
|-------------------------|-----------|------------|-----------|-----------|------------|-------------------------------------------------|-------------------------------------|----------------------|-----------------------|
| d<br>(mm)               | D<br>(mm) | Df<br>(mm) | r<br>(mm) | B<br>(mm) | Bf<br>(mm) | Dinamico<br>Dynamic<br>C                        | Statico<br>Static<br>C <sub>0</sub> | Aperto<br>Open       | Schermato<br>Shielded |
| <b>6</b>                | 10        | 11.2       | 0.15      | 2.5       | 0.6        | 0.38                                            | 0.18                                | <b>MR106</b>         | <b>MF106ZZ</b>        |
|                         | 12        | 13.2       | 0.2       | 3         | 0.6        | 0.55                                            | 0.25                                | <b>MR126</b>         | <b>MF126ZZ</b>        |
|                         | 13        | 15         | 0.15      | 3.5       | 1          | 0.83                                            | 0.40                                | <b>686</b>           | <b>F686ZZ</b>         |
|                         | 15        | 17         | 0.2       | 5         | 1.2        | 1.03                                            | 0.49                                | <b>696</b>           | <b>F696ZZ</b>         |
|                         | 17        | 19         | 0.3       | 6         | 1.2        | 1.53                                            | 0.75                                | <b>606</b>           | <b>F606ZZ</b>         |
|                         | 19        | 22         | 0.3       | 6         | 1.5        | 1.82                                            | 0.92                                | <b>626</b>           | <b>F626ZZ</b>         |
| <b>7</b>                | 11        | 12.2       | 0.15      | 2.5       | 0.6        | 0.35                                            | 0.16                                | <b>MF117</b>         | <b>MF117ZZ</b>        |
|                         | 13        | 14.2       | 0.2       | 3         | 0.6        | 0.42                                            | 0.21                                | <b>MF137</b>         | <b>MF137ZZ</b>        |
|                         | 14        | 16         | 0.15      | 3.5       | 1          | 0.91                                            | 0.45                                | <b>F687</b>          | <b>F687ZZ</b>         |
|                         | 17        | 19         | 0.3       | 5         | 1.2        | 1.24                                            | 0.64                                | <b>F697</b>          | <b>F697ZZ</b>         |
|                         | 19        | 22         | 0.3       | 6         | 1.5        | 1.82                                            | 0.92                                | <b>F607</b>          | <b>F607ZZ</b>         |
|                         | 22        | 25         | 0.3       | 7         | 1.5        | 2.56                                            | 1.38                                | <b>F627</b>          | <b>F627ZZ</b>         |
| <b>8</b>                | 12        | 13.2       | 0.15      | 2.5       | 0.6        | 0.42                                            | 0.21                                | <b>MF128</b>         | <b>MF128ZZ</b>        |
|                         | 14        | 15.6       | 0.2       | 3.5       | 0.8        | 0.63                                            | 0.31                                | <b>MF148</b>         | <b>MF148ZZ</b>        |
|                         | 16        | 18         | 0.2       | 4         | 1          | 0.97                                            | 0.50                                | <b>F688</b>          | <b>F688ZZ</b>         |
|                         | 19        | 22         | 0.3       | 6         | 1.5        | 1.73                                            | 0.88                                | <b>F698</b>          | <b>F698ZZ</b>         |
|                         | 22        | 25         | 0.3       | 7         | 1.5        | 2.56                                            | 1.38                                | <b>F608</b>          | <b>F608ZZ</b>         |
| <b>9</b>                | 17        | 19         | 0.2       | 4         | 1          | 1.03                                            | 0.55                                | <b>F689</b>          | <b>F689ZZ</b>         |
|                         | 20        | 23         | 0.3       | 6         | 1.5        | 1.92                                            | 1.01                                | <b>F699</b>          | <b>F699ZZ</b>         |
| <b>10</b>               | 15        | 16.5       | 0.15      | 3         | 0.8        | 0.85                                            | 0.43                                | <b>F6700</b>         | -                     |
|                         | 15        | 16.5       | 0.15      | 4         | 0.8        | 0.85                                            | 0.43                                | -                    | <b>F6700ZZ</b>        |
|                         | 19        | 21         | 0.3       | 5         | 1          | 1.71                                            | 0.84                                | <b>F6800</b>         | <b>F6800ZZ</b>        |
|                         | 19        | 21         | 0.3       | 7         | 1.5        | 1.71                                            | 0.84                                | <b>F63800</b>        | <b>F63800ZZ</b>       |
|                         | 22        | 25         | 0.3       | 6         | 1.5        | 2.69                                            | 0.127                               | <b>F6900</b>         | <b>F6900ZZ</b>        |
| <b>12</b>               | 18        | 19.5       | 0.2       | 4         | 0.8        | 0.92                                            | 0.52                                | <b>F6701</b>         | <b>F6701ZZ</b>        |
|                         | 21        | 23         | 0.3       | 5         | 1.1        | 1.91                                            | 1.03                                | <b>F6801</b>         | <b>F6801ZZ</b>        |
|                         | 21        | 23         | 0.3       | 7         | 1.5        | 1.91                                            | 1.03                                | <b>F63801</b>        | <b>F63801ZZ</b>       |
|                         | 24        | 26.5       | 0.3       | 6         | 1.5        | 2.88                                            | 1.47                                | <b>F6901</b>         | <b>F6901ZZ</b>        |
| <b>15</b>               | 21        | 22.5       | 0.2       | 4         | 0.8        | 0.94                                            | 0.58                                | <b>F6702</b>         | <b>F6702ZZ</b>        |
|                         | 24        | 26         | 0.3       | 5         | 1.1        | 2.06                                            | 1.25                                | <b>F6802</b>         | <b>F6802ZZ</b>        |
|                         | 24        | 26         | 0.3       | 7         | 1.5        | 2.06                                            | 1.25                                | <b>F63802</b>        | <b>F63802ZZ</b>       |
|                         | 28        | 30.5       | 0.3       | 7         | 1.5        | 4.02                                            | 2.26                                | <b>F6902</b>         | <b>F6902ZZ</b>        |
| <b>17</b>               | 23        | 24.5       | 0.2       | 4         | 0.8        | 0.99                                            | 0.65                                | <b>F6703</b>         | <b>F6703ZZ</b>        |
|                         | 26        | 28         | 0.3       | 5         | 1.1        | 2.23                                            | 1.46                                | <b>F6803</b>         | <b>F6803ZZ</b>        |
|                         | 26        | 28         | 0.3       | 7         | 1.5        | 2.23                                            | 1.46                                | <b>F63803</b>        | <b>F63803ZZ</b>       |
|                         | 30        | 32.5       | 0.3       | 7         | 1.5        | 4.58                                            | 2.56                                | <b>F6903</b>         | <b>F6903ZZ</b>        |



### Miniature radial ball flanged bearings (metric series)

*Microcuscinetti radiali a sfere flangiati (serie imetrica)*

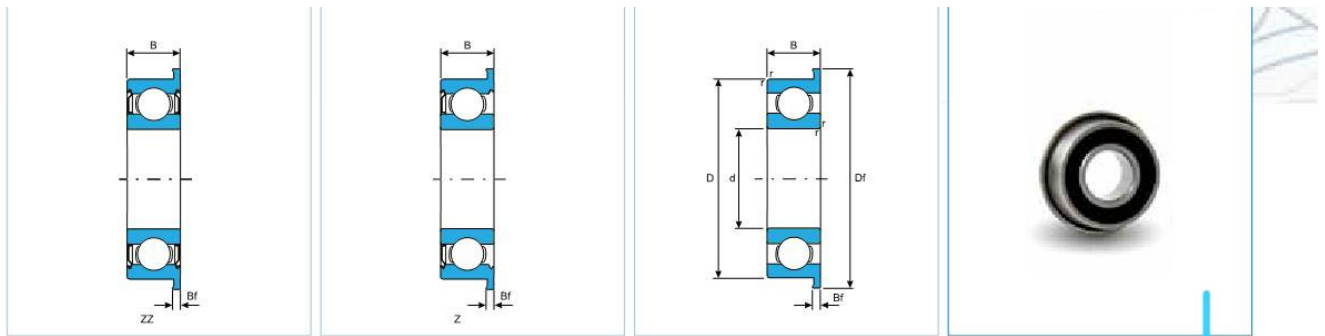
| Dimensione<br>Dimension |           |            |           |           |            | Coefficiente di carico (KN)<br>Load rating (KN) |                                     | Sigla<br>Designation |                       |
|-------------------------|-----------|------------|-----------|-----------|------------|-------------------------------------------------|-------------------------------------|----------------------|-----------------------|
| d<br>(mm)               | D<br>(mm) | Df<br>(mm) | r<br>(mm) | B<br>(mm) | Bf<br>(mm) | Dinamico<br>Dynamic<br>C                        | Statico<br>Static<br>C <sub>0</sub> | Aperto<br>Open       | Schermato<br>Shielded |
| 20                      | 27        | 28.5       | 0.2       | 4         | 0.8        | 1.04                                            | 0.72                                | F6704                | F6704ZZ               |
|                         | 32        | 35         | 0.3       | 7         | 1.5        | 4.02                                            | 2.45                                | F6804                | F6804ZZ               |
|                         | 37        | 40         | 0.3       | 9         | 2          | 6.37                                            | 3.68                                | F6904                | F6904ZZ               |
| 25                      | 32        | 34         | 0.2       | 4         | 1          | 1.08                                            | 0.84                                | F6705                | -                     |
|                         | 37        | 40         | 0.3       | 7         | 1.5        | 4.30                                            | 2.93                                | F6805                | F6805ZZ               |
|                         | 42        | 45         | 0.3       | 9         | 2          | 7.00                                            | 4.53                                | F6905                | F6905ZZ               |
| 30                      | 37        | 39         | 0.2       | 4         | 1          | 1.14                                            | 0.95                                | F6706                | -                     |
|                         | 42        | 45         | 0.3       | 7         | 1.5        | 4.53                                            | 3.40                                | F6806                | F6806ZZ               |
|                         | 47        | 50         | 0.3       | 9         | 2          | 7.24                                            | 5.00                                | F6906                | F6906ZZ               |



## Miniature radial ball bearings (inch series)

*Microcuscineetti radiali a sfere flangiati (serie in pollici)*

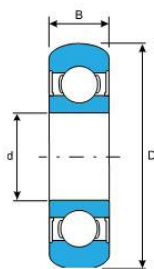
| Dimension<br>Dimensione |               |             |        |             |      |             |       |              |         | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Designation<br>Sigla |                       |
|-------------------------|---------------|-------------|--------|-------------|------|-------------|-------|--------------|---------|-------------------------------------------------|-------------------------------------|----------------------|-----------------------|
| d<br>(Inch)             | (mm)          | D<br>(Inch) | (mm)   | r<br>(Inch) | (mm) | B<br>(Inch) | (mm)  | B1<br>(Inch) | (mm)    | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> | Open<br>Aperto       | Shielded<br>Schermato |
| <b>0.04</b>             | <b>1.016</b>  | 0.125       | 3.175  | 0.0039      | 0.1  | 0.0469      | 1.191 | -            | -       | 0.075                                           | 0.025                               | <b>R09</b>           | -                     |
| 0.0469                  | 1.191         | 0.1562      | 3.967  | 0.0039      | 0.1  | 0.0625      | 1.588 | 0.0937       | 2.38    | 0.11                                            | 0.04                                | R0                   | ROZZ                  |
| <b>0.055</b>            | <b>1.397</b>  | 0.1875      | 4.762  | 0.0039      | 0.1  | 0.0781      | 1.984 | 0.1094       | 2.779   | 0.18                                            | 0.075                               | <b>R1</b>            | <b>R1ZZ</b>           |
| 0.0781                  | 1.984         | 0.25        | 6.35   | 0.0039      | 0.1  | 0.0937      | 2.38  | 0.1406       | 3.571   | 0.24                                            | 0.10                                | R1-4                 | R1-4ZZ                |
| <b>0.0937</b>           | <b>2.38</b>   | 0.1875      | 4.762  | 0.0039      | 0.1  | 0.0625      | 1.588 | 0.0937       | 2.38    | 0.14                                            | 0.055                               | <b>R133</b>          | <b>R133ZZ</b>         |
|                         |               | 0.3125      | 7.938  | 0.0059      | 0.15 | 0.1094      | 2.779 | 0.1406       | 3.571   | 0.43                                            | 0.19                                | <b>R1-5</b>          | <b>R1-5ZZ</b>         |
| 0.125                   | 3.175         | 0.25        | 6.35   | 0.0039      | 0.1  | 0.0937      | 2.38  | 0.1094       | 2.779   | 0.22                                            | 0.085                               | R144                 | R144ZZ                |
|                         |               | 0.3125      | 7.938  | 0.0039      | 0.1  | 0.1094      | 2.779 | 0.1406       | 3.571   | 0.43                                            | 0.19                                | R2-5                 | R2-5ZZ                |
|                         |               | 0.375       | 9.525  | 0.0059      | 0.15 | 0.1094      | 3.175 | 0.1406       | 3.571   | 0.49                                            | 0.22                                | R2-6                 | R2-6ZZ                |
|                         |               | 0.375       | 9.525  | 0.0018      | 0.3  | 0.1562      | 3.967 | 0.1562       | 3.967   | 0.49                                            | 0.22                                | R2                   | R2ZZ                  |
|                         |               | 0.5         | 12.7   | 0.0018      | 0.3  | 0.1719      | 4.366 | 0.1719       | 4.366   | 0.49                                            | 0.22                                | R2A                  | R2AZZ                 |
| <b>0.1562</b>           | <b>3.967</b>  | 0.3125      | 7.938  | 0.0039      | 0.1  | 0.1094      | 2.779 | 0.125        | 3.175   | 0.28                                            | 0.12                                | <b>R155</b>          | <b>R155ZZ</b>         |
| 0.1875                  | 4.762         | 0.3125      | 7.938  | 0.0039      | 0.1  | 0.1094      | 2.779 | 0.125        | 3.175   | 0.28                                            | 0.12                                | R156                 | R156ZZ                |
|                         |               | 0.375       | 9.525  | 0.0039      | 0.1  | 0.125       | 3.175 | 0.125        | 3.175   | 0.55                                            | 0.25                                | R166                 | R166ZZ                |
|                         |               | 0.5         | 12.7   | 0.0018      | 0.3  | 0.1562      | 3.967 | 0.196        | 4.978   | 1.01                                            | 0.49                                | R3                   | R3ZZ                  |
|                         |               | 0.625       | 15.875 | 0.0018      | 0.3  | 0.196       | 4.978 | 0.196        | 4.978   | 1.14                                            | 0.56                                | R3A                  | R3AZZ                 |
| <b>0.25</b>             | <b>6.35</b>   | 0.375       | 9.525  | 0.0039      | 0.1  | 0.125       | 3.175 | 0.125        | 3.175   | 0.29                                            | 0.13                                | <b>R168</b>          | <b>R168ZZ</b>         |
|                         |               | 0.5         | 12.7   | 0.0059      | 0.15 | 0.1875      | 4.762 | 0.1875       | 4.762   | 0.83                                            | 0.40                                | <b>R188</b>          | <b>R188ZZ</b>         |
|                         |               | 0.625       | 15.875 | 0.0018      | 0.3  | 0.196       | 4.978 | 0.196        | 4.978   | 1.14                                            | 0.56                                | <b>R4</b>            | <b>R4ZZ</b>           |
|                         |               | 0.75        | 19.05  | 0.0157      | 0.4  | 0.2812      | 7.142 | 0.2812       | 7.142   | 1.82                                            | 0.92                                | <b>R4A</b>           | <b>R4AZZ</b>          |
| 0.3125                  | 7.938         | 0.5         | 12.7   | 0.0059      | 0.15 | 0.1562      | 3.967 | 0.1562       | 3.967   | 0.42                                            | 0.21                                | R1810                | R1810ZZ               |
| <b>0.375</b>            | <b>9.525</b>  | 0.875       | 22.225 | 0.0157      | 0.4  | 0.2188      | 5.558 | 0.2812       | 7.142   | 2.58                                            | 1.38                                | <b>R6</b>            | <b>R6ZZ</b>           |
| 0.5                     | 12.7          | 1.125       | 28.575 | 0.0157      | 0.4  | 0.25        | 6.35  | 0.3125       | 7.938   | 3.96                                            | 2.27                                | R8                   | R8ZZ                  |
| <b>0.625</b>            | <b>15.875</b> | 1.375       | 34.925 | 0.0315      | 0.8  | 0.2812      | 7.142 | 0.3437       | 8.731   | 4.65                                            | 2.84                                | <b>R10</b>           | <b>R10ZZ</b>          |
| 0.75                    | 19.05         | 1.625       | 41.275 | 0.031       | 0.8  | 0.3125      | 7.937 | 0.4375       | 11.1125 | 8.49                                            | 3.85                                | R12                  | R12ZZ                 |



## Miniature radial ball bearings (inch series)

*Microcuscinetti radiali a sfere flangiati (serie in pollici)*

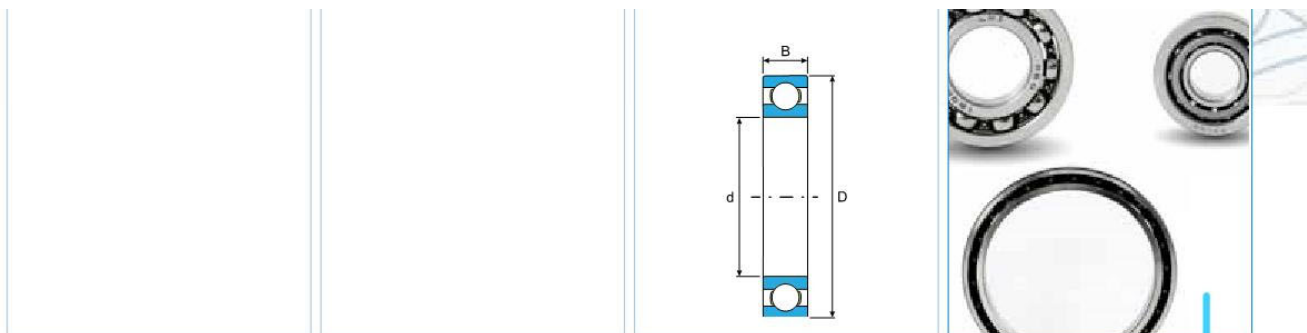
| Dimension<br>Dimensione |       |        |        |        |        |        |      |        |       |        |       |        |       |        |       | Load rating (kN)<br>Coefficiente di carico (kN) |                                     | Designation<br>Sigla |                      |
|-------------------------|-------|--------|--------|--------|--------|--------|------|--------|-------|--------|-------|--------|-------|--------|-------|-------------------------------------------------|-------------------------------------|----------------------|----------------------|
| d                       |       | D      |        | Df     |        | r      |      | B      |       | Bf     |       | B1     |       | Bf1    |       | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> | Open<br>Aperto       | Shilded<br>Schermato |
| (Inch)                  | (mm)  | (Inch) | (mm)   | (Inch) | (mm)   | (Inch) | (mm) | (Inch) | (mm)  | (Inch) | (mm)  | (Inch) | (mm)  | (Inch) | (mm)  |                                                 |                                     |                      |                      |
| 0.0469                  | 1.191 | 0.1562 | 3.967  | 0.2172 | 5.156  | 0.0039 | 0.1  | 0.0625 | 1.588 | 0.013  | 0.33  | 0.0937 | 2.38  | 0.031  | 0.787 | 0.11                                            | 0.04                                | FR0                  | FR0ZZ                |
| 0.055                   | 1.397 | 0.1875 | 4.762  | 0.234  | 5.944  | 0.0039 | 0.1  | 0.0781 | 1.984 | 0.023  | 0.584 | 0.1094 | 2.779 | 0.031  | 0.787 | 0.18                                            | 0.075                               | FR1                  | FR1ZZ                |
| 0.0781                  | 1.984 | 0.25   | 6.35   | 0.296  | 7.518  | 0.0039 | 0.1  | 0.0937 | 2.38  | 0.023  | 0.584 | 0.1406 | 3.571 | 0.031  | 0.787 | 0.24                                            | 0.10                                | FR1-4                | FR1-4ZZ              |
| 0.0937                  | 2.38  | 0.1875 | 4.762  | 0.234  | 5.944  | 0.0039 | 0.1  | 0.0625 | 1.588 | 0.018  | 0.457 | 0.0937 | 2.38  | 0.031  | 0.787 | 0.14                                            | 0.055                               | FR133                | FR133ZZ              |
|                         |       | 0.3125 | 7.938  | 0.359  | 9.119  | 0.0059 | 0.15 | 0.1094 | 2.779 | 0.023  | 0.584 | 0.1406 | 3.571 | 0.031  | 0.787 | 0.43                                            | 0.19                                | FR1-5                | FR1-5ZZ              |
| 0.125                   | 3.175 | 0.25   | 6.35   | 0.296  | 7.518  | 0.0039 | 0.1  | 0.0937 | 2.38  | 0.023  | 0.584 | 0.1094 | 2.779 | 0.031  | 0.787 | 0.22                                            | 0.085                               | FR144                | FR144ZZ              |
|                         |       | 0.3125 | 7.938  | 0.359  | 9.119  | 0.0039 | 0.1  | 0.1094 | 2.779 | 0.023  | 0.584 | 0.1406 | 3.571 | 0.031  | 0.787 | 0.43                                            | 0.19                                | FR2-5                | FR2-5ZZ              |
|                         |       | 0.375  | 9.525  | 0.422  | 10.719 | 0.0059 | 0.15 | 0.1094 | 3.175 | 0.023  | 0.584 | 0.1406 | 3.571 | 0.031  | 0.787 | 0.49                                            | 0.22                                | FR2-6                | FR2-6ZZ              |
|                         |       | 0.375  | 9.525  | 0.44   | 11.176 | 0.0018 | 0.3  | 0.1562 | 3.967 | 0.03   | 0.762 | 0.1562 | 3.967 | 0.03   | 0.762 | 0.49                                            | 0.22                                | FR2                  | FR2ZZ                |
| 0.1562                  | 3.967 | 0.3125 | 7.938  | 0.359  | 9.119  | 0.0039 | 0.1  | 0.1094 | 2.779 | 0.023  | 0.584 | 0.125  | 3.175 | 0.036  | 0.914 | 0.28                                            | 0.12                                | FR155                | FR155ZZ              |
| 0.1875                  | 4.762 | 0.3125 | 7.938  | 0.359  | 9.119  | 0.0039 | 0.1  | 0.1094 | 2.779 | 0.023  | 0.584 | 0.125  | 3.175 | 0.036  | 0.914 | 0.28                                            | 0.12                                | FR156                | FR156ZZ              |
|                         |       | 0.375  | 9.525  | 0.422  | 10.719 | 0.0039 | 0.1  | 0.125  | 3.175 | 0.023  | 0.584 | 0.125  | 3.175 | 0.031  | 0.787 | 0.55                                            | 0.25                                | FR166                | FR166ZZ              |
|                         |       | 0.5    | 12.7   | 0.565  | 14.351 | 0.0018 | 0.3  | 0.1562 | 3.967 | 0.042  | 1.067 | 0.196  | 4.978 | 0.042  | 1.067 | 1.01                                            | 0.49                                | FR3                  | FR3ZZ                |
| 0.25                    | 6.35  | 0.375  | 9.525  | 0.422  | 10.719 | 0.0039 | 0.1  | 0.125  | 3.175 | 0.023  | 0.584 | 0.125  | 3.175 | 0.036  | 0.914 | 0.29                                            | 0.13                                | FR168                | FR168ZZ              |
|                         |       | 0.5    | 12.7   | 0.547  | 13.894 | 0.0059 | 0.15 | 0.1875 | 4.762 | 0.023  | 0.584 | 0.1875 | 4.762 | 0.045  | 1.143 | 0.83                                            | 0.40                                | FR188                | FR188ZZ              |
|                         |       | 0.625  | 15.875 | 0.69   | 17.526 | 0.0018 | 0.3  | 0.196  | 4.978 | 0.042  | 1.067 | 0.196  | 4.978 | 0.042  | 1.067 | 1.14                                            | 0.56                                | FR4                  | FR4ZZ                |
| 0.3125                  | 7.938 | 0.5    | 12.7   | 0.547  | 13.894 | 0.0039 | 0.15 | 0.1562 | 3.967 | 0.031  | 0.787 | 0.1562 | 3.967 | 0.031  | 0.787 | 0.42                                            | 0.21                                | FR1810               | FR1810ZZ             |
| 0.375                   | 9.525 | 0.875  | 22.225 | 0.969  | 24.613 | 0.0157 | 0.4  | 0.2188 | 5.558 | 0.062  | 1.575 | 0.2812 | 7.142 | 0.062  | 1.575 | 2.58                                            | 1.38                                | FR6                  | FR6ZZ                |
| 0.5                     | 12.7  | 1.125  | 28.571 | 1.2252 | 31.120 | 0.0157 | 0.4  | 0.25   | 6.35  | 0.062  | 1.575 | 0.3125 | 7.938 | 0.062  | 1.575 | 3.96                                            | 2.27                                | FR8                  | FR8ZZ                |



## Sealed ball bearings (outer barrel ring-spherical)

*Cuscinetti a sfere sigillati (anello esterno bombato-sferico)*

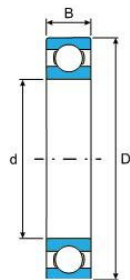
| Dimension<br><i>Dimensione</i> |           |        |           |        |           | Load rating (KN)<br><i>Coefficiente di carico (KN)</i> |                                            | Weight (Kg)<br><i>Peso (Kg)</i> | Designation<br><i>Sigla</i> |
|--------------------------------|-----------|--------|-----------|--------|-----------|--------------------------------------------------------|--------------------------------------------|---------------------------------|-----------------------------|
| (Inch)                         | d<br>(mm) | (Inch) | D<br>(mm) | (Inch) | B<br>(mm) | Dynamic<br><i>Dinamico</i><br>C                        | Static<br><i>Statico</i><br>C <sub>0</sub> |                                 |                             |
| 0,3937                         | 10        | 1,1811 | 30        | 0,3543 | 9         | 3750                                                   | 2150                                       | 0,030                           | 6200 2RS BOMB               |
| 0,4724                         | 12        | 1,2598 | 32        | 0,3937 | 10        | 4500                                                   | 2500                                       | 0,035                           | 6201 2RS BOMB               |
| 0,5906                         | 15        | 1,3780 | 35        | 0,4331 | 11        | 5650                                                   | 3300                                       | 0,040                           | 6202 2RS BOMB               |
| 0,6693                         | 17        | 1,5748 | 40        | 0,4724 | 12        | 7000                                                   | 4480                                       | 0,060                           | 6203 2RS BOMB               |
| 0,7874                         | 20        | 1,8504 | 47        | 0,5512 | 14        | 9880                                                   | 6200                                       | 0,100                           | 6204 2RS BOMB               |
| 0,9843                         | 25        | 2,0472 | 52        | 0,5906 | 15        | 10780                                                  | 6980                                       | 0,130                           | 6205 2RS BOMB               |
| 1,1811                         | 30        | 2,4409 | 62        | 0,6299 | 16        | 14970                                                  | 10040                                      | 0,200                           | 6206 2RS BOMB               |
| 1,3780                         | 35        | 2,8346 | 72        | 0,6693 | 17        | 19750                                                  | 13670                                      | 0,290                           | 6207 2RS BOMB               |
| 1,5748                         | 40        | 3,1496 | 80        | 0,7087 | 18        | 22710                                                  | 15940                                      | 0,370                           | 6208 2RS BOMB               |
| 1,7717                         | 45        | 3,3465 | 85        | 0,7480 | 19        | 24360                                                  | 17710                                      | 0,460                           | 6209 2RS BOMB               |
| 1,9685                         | 50        | 3,5433 | 90        | 0,7874 | 20        | 26980                                                  | 19840                                      | 0,570                           | 6210 2RS BOMB               |
| 2,1654                         | 55        | 3,9370 | 100       | 0,8268 | 21        | 28500                                                  | 21850                                      | 0,620                           | 6211 2RS BOMB               |
| 2,3622                         | 60        | 4,3307 | 110       | 0,8661 | 22        | 31700                                                  | 24500                                      | 0,800                           | 6212 2RS BOMB               |



## Radial deep groove ball bearings, single row

*Cuscinetti radiali ad una corona di sfere*

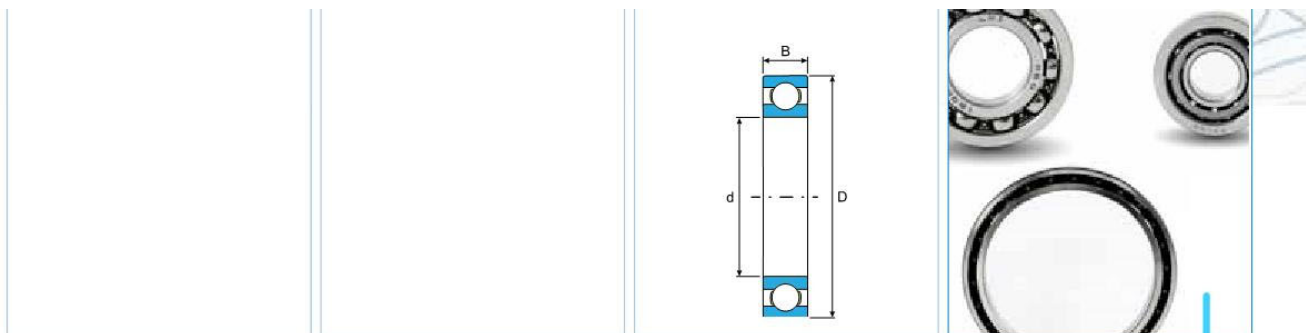
| Dimension<br>Dimensione |           |           | Load rating (kN)<br>Coefficiente di carico (kN) |                                     | Speed limit (Rpm)<br>Velocità limite (giri/min) |             | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|-------------------------------------------------|-------------|--------------------------|----------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> | Lubrication<br>Lubrificazione                   |             |                          |                      |
|                         |           |           |                                                 |                                     | Grease<br>Grasso                                | Oil<br>Olio |                          |                      |
| 3                       | 10        | 4         | 0.53                                            | 0.180                               | 61200                                           | 72000       | 0.0015                   | 623                  |
| 4                       | 9         | 2.5       | 0.53                                            | 0.180                               | 65025                                           | 76500       | 0.0007                   | 618/4                |
|                         | 11        | 4         | 0.71                                            | 0.230                               | 61200                                           | 72000       | 0.0017                   | 619/4                |
|                         | 12        | 4         | 0.79                                            | 0.230                               | 57375                                           | 67500       | 0.0021                   | 604                  |
|                         | 13        | 5         | 0.92                                            | 0.290                               | 51255                                           | 60300       | 0.0031                   | 624                  |
|                         | 16        | 5         | 1.1                                             | 0.380                               | 45900                                           | 54000       | 0.0054                   | 634                  |
| 5                       | 11        | 3         | 0.63                                            | 0.250                               | 57375                                           | 67500       | 0.0012                   | 618/5                |
|                         | 13        | 4         | 0.87                                            | 0.34                                | 51255                                           | 60300       | 0.0025                   | 619/5                |
|                         | 16        | 5         | 1.12                                            | 0.38                                | 45900                                           | 54000       | 0.0050                   | 625                  |
|                         | 19        | 6         | 2.30                                            | 0.94                                | 38250                                           | 45000       | 0.009                    | 635                  |
| 6                       | 13        | 3.5       | 0.87                                            | 0.34                                | 51255                                           | 60300       | 0.002                    | 618/6                |
|                         | 15        | 5         | 1.2                                             | 0.47                                | 48195                                           | 56700       | 0.0039                   | 619/6                |
|                         | 19        | 6         | 2.30                                            | 0.94                                | 38250                                           | 45000       | 0.0084                   | 626                  |
| 7                       | 14        | 3.5       | 0.94                                            | 0.4                                 | 48195                                           | 56700       | 0.0022                   | 618/7                |
|                         | 17        | 5         | 1.45                                            | 0.55                                | 42840                                           | 50400       | 0.0049                   | 619/7                |
|                         | 19        | 6         | 2.30                                            | 0.94                                | 40545                                           | 47700       | 0.0075                   | 607                  |
|                         | 22        | 7         | 3.4                                             | 1.35                                | 34425                                           | 40500       | 0.013                    | 627                  |
| 8                       | 16        | 4         | 1.3                                             | 0.56                                | 42840                                           | 50400       | 0.0030                   | 618/8                |
|                         | 19        | 6         | 1.9                                             | 0.73                                | 38250                                           | 45000       | 0.0071                   | 619/8                |
|                         | 22        | 7         | 3.4                                             | 1.35                                | 36720                                           | 43200       | 0.012                    | 608                  |
|                         | 24        | 8         | 3.9                                             | 1.63                                | 30600                                           | 36000       | 0.017                    | 628                  |
| 9                       | 17        | 4         | 1.40                                            | 0.63                                | 40545                                           | 47700       | 0.0034                   | 618/9                |
|                         | 20        | 6         | 2.1                                             | 0.85                                | 36720                                           | 43200       | 0.0076                   | 619/9                |
|                         | 24        | 7         | 3.9                                             | 1.63                                | 32895                                           | 38700       | 0.014                    | 609                  |
|                         | 26        | 8         | 4.65                                            | 1.93                                | 29070                                           | 34200       | 0.02                     | 629                  |
| 10                      | 15        | 3         | 0.66                                            | 0.34                                | 36000                                           | 43000       | 0.005                    | 61700                |
|                         | 19        | 5         | 1.40                                            | 0.58                                | 36720                                           | 43200       | 0.0055                   | 61800                |
|                         | 19        | 7         | 1.33                                            | 0.66                                | 34000                                           | 40500       | 0.007                    | 63800                |
|                         | 22        | 6         | 2.0                                             | 0.84                                | 34425                                           | 40500       | 0.01                     | 61900                |
|                         | 26        | 8         | 4.7                                             | 1.93                                | 30600                                           | 36000       | 0.019                    | 6000                 |
|                         | 28        | 8         | 4.5                                             | 1.93                                | 30600                                           | 36000       | 0.022                    | 16100                |
|                         | 30        | 9         | 5.3                                             | 2.32                                | 26010                                           | 30600       | 0.032                    | 6200                 |
|                         | 35        | 11        | 8.4                                             | 3.34                                | 24480                                           | 28800       | 0.053                    | 6300                 |
| 12                      | 18        | 4         | 0.72                                            | 0.41                                | 31000                                           | 37000       | 0.004                    | 61701                |
|                         | 21        | 5         | 1.40                                            | 0.66                                | 32895                                           | 38700       | 0.0063                   | 61801                |
|                         | 21        | 7         | 1.49                                            | 0.68                                | 30500                                           | 36000       | 0.005                    | 63801                |
|                         | 24        | 6         | 2.2                                             | 0.97                                | 30600                                           | 36000       | 0.011                    | 61901                |
|                         | 28        | 8         | 5.30                                            | 2.32                                | 29070                                           | 34200       | 0.022                    | 6001                 |
|                         | 30        | 8         | 5                                               | 2.32                                | 26010                                           | 30600       | 0.023                    | 16101                |
|                         | 32        | 10        | 7.2                                             | 3.04                                | 24480                                           | 28800       | 0.037                    | 6201                 |
|                         | 37        | 12        | 9.9                                             | 4.07                                | 21420                                           | 25200       | 0.06                     | 6301                 |
| 15                      | 21        | 4         | 0.81                                            | 0.44                                | 27000                                           | 32000       | 0.006                    | 61702                |
|                         | 24        | 5         | 1.53                                            | 0.79                                | 29070                                           | 34200       | 0.0074                   | 61802                |
|                         | 24        | 7         | 1.62                                            | 0.79                                | 26000                                           | 31500       | 0.01                     | 63802                |



## Radial deep groove ball bearings, single row

*Cuscinetti radiali ad una corona di sfere*

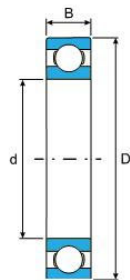
| Dimension<br>Dimensione |           |           | Load rating (kN)<br>Coefficiente di carico (kN) |                                     | Speed limit (Rpm)<br>Velocità limite (giri/min) |             | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|-------------------------------------------------|-------------|--------------------------|----------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> | Lubrication<br>Lubrificazione                   |             |                          |                      |
|                         |           |           |                                                 |                                     | Grease<br>Grasso                                | Oil<br>Olio |                          |                      |
| 15                      | 28        | 7         | 4.28                                            | 2.2                                 | 26010                                           | 30600       | 0.016                    | 61902                |
|                         | 32        | 8         | 5.7                                             | 2.8                                 | 24480                                           | 28800       | 0.025                    | 6002                 |
|                         | 32        | 9         | 5.7                                             | 2.8                                 | 24480                                           | 28800       | 0.03                     | 6002                 |
|                         | 35        | 11        | 7.9                                             | 3.68                                | 21420                                           | 25200       | 0.045                    | 6202                 |
|                         | 42        | 13        | 11.7                                            | 5.3                                 | 18360                                           | 21600       | 0.082                    | 6302                 |
| 17                      | 23        | 4         | 80                                              | 50                                  | 25000                                           | 30000       | 0.007                    | 61703                |
|                         | 26        | 5         | 1.65                                            | 0.92                                | 26010                                           | 30600       | 0.0082                   | 61803                |
|                         | 26        | 7         | 175                                             | 0.90                                | 24000                                           | 29500       | 0.013                    | 63803                |
|                         | 30        | 7         | 4.53                                            | 2.5                                 | 24480                                           | 28800       | 0.018                    | 61903                |
|                         | 35        | 8         | 6.24                                            | 3.19                                | 21420                                           | 25200       | 0.032                    | 6003                 |
|                         | 35        | 10        | 6.24                                            | 3.19                                | 21420                                           | 25200       | 0.039                    | 6003                 |
|                         | 40        | 9         | 9.37                                            | 4.66                                | 18360                                           | 21600       | 0.048                    | 98203                |
|                         | 40        | 12        | 9.8                                             | 4.66                                | 18360                                           | 21600       | 0.065                    | 6203                 |
|                         | 47        | 14        | 14                                              | 6.42                                | 16830                                           | 19800       | 0.12                     | 6303                 |
|                         | 62        | 17        | 22.5                                            | 10.6                                | 13770                                           | 16200       | 0.27                     | 6403                 |
| 20                      | 27        | 4         | 84                                              | 57                                  | 21000                                           | 25000       | 0.013                    | 61704                |
|                         | 32        | 7         | 3.95                                            | 2.3                                 | 21420                                           | 25200       | 0.018                    | 61804                |
|                         | 37        | 9         | 6.25                                            | 3.6                                 | 19890                                           | 23400       | 0.038                    | 61904                |
|                         | 42        | 8         | 7.14                                            | 4                                   | 18360                                           | 21600       | 0.05                     | 6004                 |
|                         | 42        | 9         | 7.8                                             | 4.5                                 | 18360                                           | 21600       | 0.051                    | 98204                |
|                         | 42        | 12        | 9.8                                             | 4.9                                 | 18360                                           | 21600       | 0.069                    | 6004                 |
|                         | 47        | 14        | 13.3                                            | 6.5                                 | 15300                                           | 18000       | 0.11                     | 6204                 |
|                         | 52        | 15        | 16.6                                            | 7.7                                 | 14535                                           | 17100       | 0.14                     | 6304                 |
|                         | 72        | 19        | 30                                              | 14.7                                | 11475                                           | 13500       | 0.4                      | 6404                 |
| 22                      | 50        | 14        | 13.8                                            | 7.5                                 | 14535                                           | 17100       | 0.12                     | 62/22                |
|                         | 56        | 16        | 18.3                                            | 9.2                                 | 13770                                           | 16200       | 0.18                     | 63/22                |
| 25                      | 32        | 4         | 90                                              | 66                                  | 19000                                           | 23000       | 0.017                    | 61705                |
|                         | 37        | 7         | 4.28                                            | 2.6                                 | 18360                                           | 21600       | 0.022                    | 61805                |
|                         | 42        | 9         | 6.88                                            | 4.3                                 | 16830                                           | 19800       | 0.045                    | 61905                |
|                         | 47        | 8         | 7.9                                             | 4.7                                 | 15300                                           | 18000       | 0.06                     | 6005                 |
|                         | 47        | 12        | 11.7                                            | 6.5                                 | 15300                                           | 18000       | 0.08                     | 6005                 |
|                         | 52        | 9         | 10.4                                            | 6.5                                 | 13770                                           | 16200       | 0.078                    | 98205                |
|                         | 52        | 15        | 14.5                                            | 7.7                                 | 13770                                           | 16200       | 0.13                     | 6205                 |
|                         | 62        | 17        | 22.9                                            | 11.4                                | 12240                                           | 14400       | 0.23                     | 6305                 |
|                         | 80        | 21        | 35                                              | 19                                  | 9945                                            | 11700       | 0.53                     | 6405                 |
| 28                      | 58        | 16        | 16.5                                            | 9.4                                 | 12240                                           | 14400       | 0.18                     | 62/28                |
|                         | 68        | 18        | 24.6                                            | 13.5                                | 10710                                           | 12600       | 0.29                     | 63/28                |
| 30                      | 37        | 4         | 95                                              | 76                                  | 17000                                           | 20000       | 0.022                    | 61706                |
|                         | 42        | 7         | 4.4                                             | 2.9                                 | 15300                                           | 18000       | 0.027                    | 61806                |
|                         | 47        | 9         | 7.14                                            | 4.5                                 | 14535                                           | 17100       | 0.051                    | 61906                |
|                         | 55        | 9         | 11.7                                            | 7.3                                 | 13005                                           | 15300       | 0.085                    | 6006                 |
|                         | 55        | 13        | 13.5                                            | 8.2                                 | 13005                                           | 15300       | 0.12                     | 6006                 |
|                         | 62        | 16        | 19.9                                            | 11                                  | 11475                                           | 13500       | 0.20                     | 6206                 |
|                         | 72        | 19        | 29                                              | 15.7                                | 9945                                            | 11700       | 0.35                     | 6306                 |
|                         | 90        | 23        | 42.8                                            | 23.2                                | 8415                                            | 9900        | 0.74                     | 6406                 |



## Radial deep groove ball bearings, single row

*Cuscinetti radiali ad una corona di sfere*

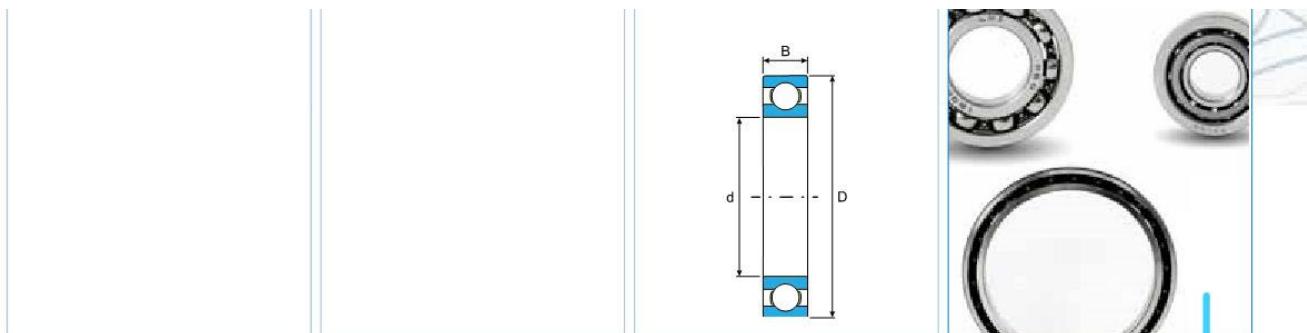
| Dimension<br>Dimensione |           |           | Load rating (kN)<br>Coefficiente di carico (kN) |                                     | Speed limit (Rpm)<br>Velocità limite (giri/min) |             | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|-------------------------------------------------|-------------|--------------------------|----------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> | Lubrication<br>Lubrificazione                   |             |                          |                      |
|                         |           |           |                                                 |                                     | Grease<br>Grasso                                | Oil<br>Olio |                          |                      |
| 35                      | 44        | 5         | 155                                             | 130                                 | 14000                                           | 17000       | 0.025                    | 61707                |
|                         | 47        | 7         | 4.7                                             | 3.2                                 | 13770                                           | 16200       | 0.03                     | 61807                |
|                         | 55        | 10        | 9.37                                            | 6.7                                 | 12240                                           | 14400       | 0.08                     | 61907                |
|                         | 62        | 9         | 12.8                                            | 8                                   | 11475                                           | 13500       | 0.11                     | 16007                |
|                         | 62        | 14        | 16.5                                            | 10                                  | 11475                                           | 13500       | 0.16                     | 6007                 |
|                         | 72        | 17        | 26.5                                            | 15                                  | 9945                                            | 11700       | 0.29                     | 6207                 |
|                         | 80        | 21        | 34.4                                            | 18.7                                | 9180                                            | 10800       | 0.46                     | 6307                 |
|                         | 100       | 25        | 54.2                                            | 30.4                                | 7650                                            | 9000        | 0.95                     | 6407                 |
| 40                      | 50        | 6         | 207                                             | 177                                 | 13000                                           | 16000       | 0.03                     | 61708                |
|                         | 52        | 7         | 4.9                                             | 3.4                                 | 12240                                           | 14400       | 0.034                    | 61808                |
|                         | 62        | 12        | 13.5                                            | 9.8                                 | 10710                                           | 12600       | 0.12                     | 61908                |
|                         | 68        | 9         | 13.5                                            | 9                                   | 10710                                           | 12600       | 0.13                     | 16008                |
|                         | 68        | 15        | 17.5                                            | 11.4                                | 10710                                           | 12600       | 0.19                     | 6008                 |
|                         | 80        | 18        | 31.9                                            | 18.7                                | 8415                                            | 9900        | 0.37                     | 6208                 |
|                         | 90        | 23        | 41.6                                            | 23.6                                | 8415                                            | 9900        | 0.63                     | 6308                 |
|                         | 110       | 27        | 62.5                                            | 35.8                                | 6885                                            | 8100        | 1.25                     | 6408                 |
| 45                      | 55        | 6         | 213                                             | 192                                 | 12000                                           | 14000       | 0.035                    | 61709                |
|                         | 58        | 7         | 6.5                                             | 6                                   | 10710                                           | 12600       | 0.04                     | 61809                |
|                         | 68        | 12        | 13.8                                            | 10.6                                | 9945                                            | 11700       | 0.14                     | 61909                |
|                         | 75        | 10        | 16.2                                            | 10.6                                | 9180                                            | 10800       | 0.17                     | 16009                |
|                         | 75        | 16        | 21.7                                            | 14.4                                | 9180                                            | 10800       | 0.25                     | 6009                 |
|                         | 85        | 19        | 34.4                                            | 21.2                                | 8415                                            | 9900        | 0.41                     | 6209                 |
|                         | 100       | 25        | 54.2                                            | 30.9                                | 7268                                            | 8550        | 0.83                     | 6309                 |
|                         | 120       | 29        | 74.6                                            | 44.1                                | 6503                                            | 7650        | 1.55                     | 6409                 |
| 50                      | 65        | 7         | 6.7                                             | 6.7                                 | 9945                                            | 11700       | 0.052                    | 61810                |
|                         | 72        | 12        | 14.4                                            | 11.6                                | 9180                                            | 10800       | 0.14                     | 61910                |
|                         | 80        | 10        | 16.5                                            | 11.2                                | 8415                                            | 9900        | 0.18                     | 16010                |
|                         | 80        | 16        | 22.5                                            | 15.7                                | 8415                                            | 9900        | 0.26                     | 6010                 |
|                         | 90        | 20        | 36.4                                            | 22.8                                | 7650                                            | 9000        | 0.46                     | 6210                 |
|                         | 110       | 27        | 63.7                                            | 37.3                                | 6503                                            | 7650        | 1.05                     | 6310                 |
|                         | 130       | 31        | 85.4                                            | 51                                  | 5738                                            | 6750        | 1.9                      | 6410                 |
|                         | 55        | 72        | 9                                               | 8.86                                | 8.7                                             | 9180        | 10800                    | 0.083                |
| 80                      |           | 13        | 16.2                                            | 13.8                                | 8415                                            | 9900        | 0.19                     | 61911                |
| 90                      |           | 11        | 19.9                                            | 13.8                                | 7650                                            | 9000        | 0.26                     | 16011                |
| 90                      |           | 18        | 29                                              | 20.8                                | 7650                                            | 9000        | 0.39                     | 6011                 |
| 100                     |           | 21        | 45.3                                            | 28.5                                | 6885                                            | 8100        | 0.61                     | 6211                 |
| 120                     |           | 29        | 72.7                                            | 44.1                                | 6120                                            | 7200        | 1.35                     | 6311                 |
| 140                     |           | 33        | 97.6                                            | 60.8                                | 5355                                            | 6300        | 2.3                      | 6411                 |
| 60                      | 78        | 10        | 11.7                                            | 11.2                                | 8415                                            | 9900        | 0.11                     | 61812                |
|                         | 85        | 13        | 16.2                                            | 14.1                                | 7650                                            | 9000        | 0.2                      | 61912                |
|                         | 95        | 11        | 20.4                                            | 14.7                                | 7268                                            | 8550        | 0.28                     | 16012                |
|                         | 95        | 18        | 30.1                                            | 22.8                                | 7268                                            | 8550        | 0.42                     | 6012                 |
|                         | 110       | 22        | 54.2                                            | 35.3                                | 6120                                            | 7200        | 0.78                     | 6212                 |
|                         | 130       | 31        | 83.5                                            | 51                                  | 5355                                            | 6300        | 1.7                      | 6312                 |
|                         | 150       | 35        | 105.9                                           | 68.2                                | 4820                                            | 5670        | 2.75                     | 6412                 |



## Radial deep groove ball bearings, single row

*Cuscinetti radiali ad una corona di sfere*

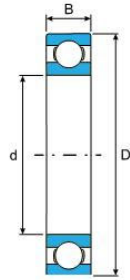
| Dimension<br><i>Dimensione</i> |           |           | Load rating (kN)<br><i>Coefficiente di carico (kN)</i> |                                            | Speed limit (Rpm)<br><i>Velocità limite (giri/min)</i> |                    | Weight (kg)<br><i>Peso (Kg)</i> | Designation<br><i>Sigla</i> |
|--------------------------------|-----------|-----------|--------------------------------------------------------|--------------------------------------------|--------------------------------------------------------|--------------------|---------------------------------|-----------------------------|
| d<br>(mm)                      | D<br>(mm) | B<br>(mm) | Dynamic<br><i>Dinamico</i><br>C                        | Static<br><i>Statico</i><br>C <sub>0</sub> | Lubrication<br><i>Lubrificazione</i>                   |                    |                                 |                             |
|                                |           |           |                                                        |                                            | Grease<br><i>Grasso</i>                                | Oil<br><i>Olio</i> |                                 |                             |
| 65                             | 85        | 10        | 12.2                                                   | 12.5                                       | 7650                                                   | 9000               | 0.13                            | 61813                       |
|                                | 90        | 13        | 17.1                                                   | 15.7                                       | 7268                                                   | 8550               | 0.22                            | 61913                       |
|                                | 100       | 11        | 22.1                                                   | 16.3                                       | 6885                                                   | 8100               | 0.3                             | 16013                       |
|                                | 100       | 18        | 31.3                                                   | 24.5                                       | 6885                                                   | 8100               | 0.44                            | 6013                        |
|                                | 120       | 23        | 57.4                                                   | 39.7                                       | 5738                                                   | 6750               | 0.99                            | 6213                        |
|                                | 140       | 33        | 95.6                                                   | 58.8                                       | 5126                                                   | 6030               | 2.1                             | 6313                        |
|                                | 160       | 37        | 116.7                                                  | 76.5                                       | 4590                                                   | 5400               | 3.30                            | 6413                        |
| 70                             | 90        | 10        | 12.2                                                   | 13                                         | 6885                                                   | 8100               | 0.14                            | 61814                       |
|                                | 100       | 16        | 23.4                                                   | 20.8                                       | 6503                                                   | 7650               | 0.35                            | 61914                       |
|                                | 110       | 13        | 28.6                                                   | 24.5                                       | 6120                                                   | 7200               | 0.43                            | 16014                       |
|                                | 110       | 20        | 38.9                                                   | 30.4                                       | 6120                                                   | 7200               | 0.6                             | 6014                        |
|                                | 125       | 24        | 62.6                                                   | 44.1                                       | 5355                                                   | 6300               | 1.05                            | 6214                        |
|                                | 150       | 35        | 108.8                                                  | 66.7                                       | 4820                                                   | 5670               | 2.5                             | 6314                        |
|                                | 180       | 42        | 140.2                                                  | 102                                        | 4055                                                   | 4770               | 4.85                            | 6414                        |
| 75                             | 95        | 10        | 12.5                                                   | ~                                          | 6503                                                   | 7650               | 0.15                            | 61815                       |
|                                | 105       | 16        | 23.8                                                   | 19                                         | 6120                                                   | 7200               | 0.37                            | 61915                       |
|                                | 110       | 12        | 28.1                                                   | 26.5                                       | 6120                                                   | 7200               | 0.38                            | 16115                       |
|                                | 115       | 13        | 29.6                                                   | 26.5                                       | 5738                                                   | 6750               | 0.46                            | 16015                       |
|                                | 115       | 20        | 40.8                                                   | 32.9                                       | 5738                                                   | 6750               | 0.64                            | 6015                        |
|                                | 130       | 25        | 67.7                                                   | 48.3                                       | 5126                                                   | 6030               | 1.2                             | 6215                        |
|                                | 160       | 37        | 116.7                                                  | 75                                         | 4284                                                   | 5040               | 3                               | 6315                        |
| 190                            | 45        | 150       | 111.8                                                  | 3825                                       | 4500                                                   | 6.8                | 6415                            |                             |
| 80                             | 100       | 10        | 12.8                                                   | 14.8                                       | 6120                                                   | 7200               | 0.15                            | 61816                       |
|                                | 110       | 16        | 24.6                                                   | 20                                         | 5738                                                   | 6750               | 0.4                             | 61916                       |
|                                | 125       | 14        | 34.4                                                   | 30.9                                       | 5355                                                   | 6300               | 0.6                             | 16016                       |
|                                | 125       | 22        | 48.5                                                   | 39.3                                       | 5355                                                   | 6300               | 0.85                            | 6016                        |
|                                | 140       | 26        | 71.4                                                   | 54                                         | 4590                                                   | 5400               | 1.4                             | 6216                        |
|                                | 170       | 39        | 127.4                                                  | 84.8                                       | 4055                                                   | 4770               | 3.6                             | 6316                        |
|                                | 200       | 48        | 159.8                                                  | 122.6                                      | 3672                                                   | 4320               | 8                               | 6416                        |
| 85                             | 110       | 13        | 19.2                                                   | 20.4                                       | 5738                                                   | 6750               | 0.27                            | 61817                       |
|                                | 120       | 18        | 31.3                                                   | 29.5                                       | 5355                                                   | 6300               | 0.55                            | 61917                       |
|                                | 130       | 14        | 35.1                                                   | 32.9                                       | 5126                                                   | 6030               | 0.63                            | 16017                       |
|                                | 130       | 22        | 51                                                     | 42.2                                       | 5126                                                   | 6030               | 0.89                            | 6017                        |
|                                | 150       | 28        | 85.4                                                   | 62.8                                       | 4284                                                   | 5040               | 1.8                             | 6217                        |
|                                | 180       | 41        | 137.3                                                  | 94.6                                       | 3825                                                   | 4500               | 4.25                            | 6317                        |
|                                | 210       | 52        | 170.6                                                  | 134.3                                      | 3443                                                   | 4050               | 9.5                             | 6417                        |
| 90                             | 115       | 13        | 19.2                                                   | 21.6                                       | 5355                                                   | 6300               | 0.28                            | 61818                       |
|                                | 125       | 18        | 32.6                                                   | 30.9                                       | 5126                                                   | 6030               | 0.59                            | 61918                       |
|                                | 140       | 16        | 42.8                                                   | 38.3                                       | 4820                                                   | 5670               | 0.85                            | 16018                       |
|                                | 140       | 24        | 59.3                                                   | 49.1                                       | 4820                                                   | 5670               | 1.15                            | 6018                        |
|                                | 160       | 30        | 99                                                     | 72.1                                       | 4055                                                   | 4770               | 2.15                            | 6218                        |
|                                | 190       | 43        | 148                                                    | 105.9                                      | 3672                                                   | 4320               | 4.9                             | 6318                        |
|                                | 225       | 54        | 182.3                                                  | 147                                        | 3290                                                   | 3870               | 11.5                            | 6418                        |



## Radial deep groove ball bearings, single row

*Cuscinetti radiali ad una corona di sfere*

| Dimension<br>Dimensione |           |           | Load rating (kN)<br>Coefficiente di carico (kN) |                                     | Speed limit (Rpm)<br>Velocità limite (giri/min) |             | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|-------------------------------------------------|-------------|--------------------------|----------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> | Lubrication<br>Lubrificazione                   |             |                          |                      |
|                         |           |           |                                                 |                                     | Grease<br>Grasso                                | Oil<br>Olio |                          |                      |
| 95                      | 120       | 13        | 19.6                                            | 22.4                                | 5126                                            | 6030        | 0.3                      | 61819                |
|                         | 130       | 18        | 33.2                                            | 32.9                                | 4820                                            | 5670        | 0.61                     | 61919                |
|                         | 145       | 16        | 43.9                                            | 40.7                                | 4590                                            | 5400        | 0.89                     | 16019                |
|                         | 145       | 24        | 62.5                                            | 53                                  | 4590                                            | 5400        | 1.2                      | 6019                 |
|                         | 170       | 32        | 111.8                                           | 79.9                                | 3825                                            | 4500        | 2.6                      | 6219                 |
|                         | 200       | 45        | 155.9                                           | 115.7                               | 3443                                            | 4050        | 5.65                     | 6319                 |
| 100                     | 125       | 13        | 19.6                                            | 23.6                                | 4820                                            | 5670        | 0.31                     | 61820                |
|                         | 140       | 20        | 41.5                                            | 40.2                                | 4590                                            | 5400        | 0.83                     | 61920                |
|                         | 150       | 16        | 45.3                                            | 43.2                                | 4284                                            | 5040        | 0.91                     | 16020                |
|                         | 150       | 24        | 62.5                                            | 53                                  | 4284                                            | 5040        | 1.25                     | 6020                 |
|                         | 180       | 34        | 124.5                                           | 91.15                               | 3672                                            | 4320        | 3.15                     | 6220                 |
|                         | 215       | 47        | 170.6                                           | 137.3                               | 3290                                            | 3870        | 7                        | 6320                 |
| 105                     | 130       | 13        | 20.4                                            | 19.3                                | 4820                                            | 5670        | 0.32                     | 61821                |
|                         | 145       | 20        | 43.4                                            | 43.2                                | 4284                                            | 5040        | 0.87                     | 61921                |
|                         | 160       | 18        | 53                                              | 50                                  | 4055                                            | 4770        | 1.2                      | 16021                |
|                         | 160       | 26        | 74.6                                            | 64.2                                | 4055                                            | 4770        | 1.6                      | 6021                 |
|                         | 190       | 36        | 137.3                                           | 102                                 | 3443                                            | 4050        | 3.7                      | 6221                 |
|                         | 225       | 49        | 178.4                                           | 150                                 | 3060                                            | 3600        | 8.25                     | 6321                 |
| 110                     | 140       | 16        | 27.6                                            | 25.5                                | 4284                                            | 5040        | 0.6                      | 61822                |
|                         | 150       | 20        | 42.8                                            | 44.2                                | 4284                                            | 5040        | 0.9                      | 61922                |
|                         | 170       | 19        | 58.9                                            | 55.9                                | 3825                                            | 4500        | 1.45                     | 16022                |
|                         | 170       | 28        | 83.5                                            | 72.1                                | 3825                                            | 4500        | 1.95                     | 6022                 |
|                         | 200       | 38        | 148                                             | 115.7                               | 3290                                            | 3870        | 4.35                     | 6222                 |
|                         | 240       | 50        | 199                                             | 176.5                               | 2907                                            | 3420        | 9.55                     | 6322                 |
| 120                     | 150       | 16        | 28.6                                            | 27.6                                | 4055                                            | 4770        | 0.65                     | 61824                |
|                         | 165       | 22        | 54.2                                            | 55.9                                | 3825                                            | 4500        | 1.2                      | 61924                |
|                         | 180       | 19        | 62.5                                            | 62.9                                | 3672                                            | 4320        | 1.6                      | 16024                |
|                         | 180       | 28        | 86.7                                            | 78.5                                | 3672                                            | 4320        | 2.05                     | 6024                 |
|                         | 215       | 40        | 143.1                                           | 115.7                               | 3060                                            | 3600        | 5.15                     | 6224                 |
|                         | 260       | 55        | 203.9                                           | 182.3                               | 2601                                            | 3060        | 12.5                     | 6324                 |
| 130                     | 165       | 18        | 36.9                                            | 42.2                                | 3672                                            | 4320        | 0.93                     | 61826                |
|                         | 180       | 24        | 63.7                                            | 65.7                                | 3443                                            | 4050        | 1.85                     | 61926                |
|                         | 200       | 22        | 81.6                                            | 79.9                                | 3290                                            | 3870        | 2.35                     | 16026                |
|                         | 200       | 33        | 109.8                                           | 98                                  | 3290                                            | 3870        | 3.15                     | 6026                 |
|                         | 230       | 40        | 152.9                                           | 129.4                               | 2754                                            | 3240        | 5.8                      | 6226                 |
|                         | 280       | 58        | 224.5                                           | 211.7                               | 3443                                            | 4050        | 17.5                     | 6326 M               |
| 140                     | 175       | 18        | 38.3                                            | 45.6                                | 3443                                            | 4050        | 0.99                     | 61828                |
|                         | 190       | 24        | 65                                              | 70.6                                | 4284                                            | 5040        | 1.7                      | 61928 MA             |
|                         | 210       | 22        | 79                                              | 84.8                                | 3060                                            | 3600        | 2.5                      | 16028                |
|                         | 210       | 33        | 108.8                                           | 105.9                               | 3060                                            | 3600        | 3.35                     | 6028                 |
|                         | 250       | 42        | 161.8                                           | 147                                 | 2601                                            | 3060        | 7.45                     | 6228                 |
|                         | 300       | 62        | 246                                             | 240.2                               | 3290                                            | 3870        | 22                       | 6328 M               |

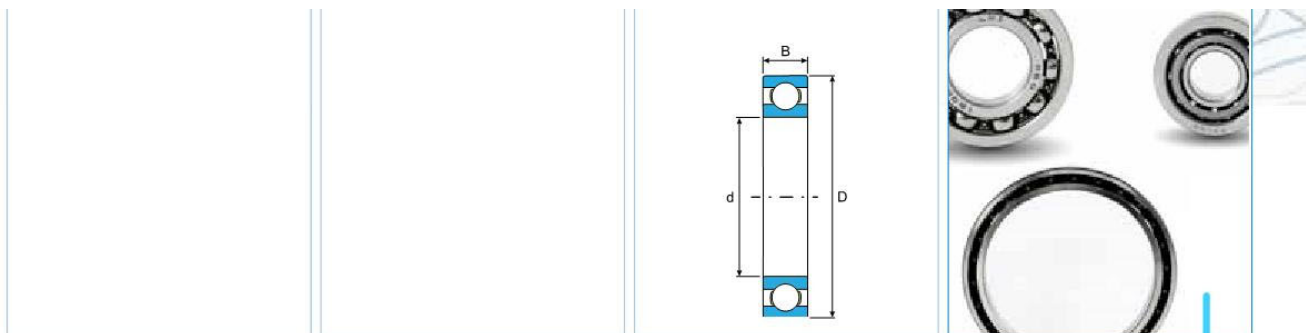


## Radial deep groove ball bearings, single row

*Cuscinetti radiali ad una corona di sfere*

| Dimension<br><i>Dimensione</i> |           |           | Load rating (kN)<br><i>Coefficiente di carico (kN)</i> |                                            | Speed limit (Rpm)<br><i>Velocità limite (giri/min)</i> |                    | Weight (kg)<br><i>Peso (Kg)</i> | Designation<br><i>Sigla</i> |
|--------------------------------|-----------|-----------|--------------------------------------------------------|--------------------------------------------|--------------------------------------------------------|--------------------|---------------------------------|-----------------------------|
| d<br>(mm)                      | D<br>(mm) | B<br>(mm) | Dynamic<br><i>Dinamico</i><br>C                        | Static<br><i>Statico</i><br>C <sub>0</sub> | Lubrication<br><i>Lubrificazione</i>                   |                    |                                 |                             |
|                                |           |           |                                                        |                                            | Grease<br><i>Grasso</i>                                | Oil<br><i>Olio</i> |                                 |                             |
| 150                            | 190       | 20        | 47.9                                                   | 59.8                                       | 3290                                                   | 3870               | 1.4                             | 61830                       |
|                                | 210       | 28        | 86.7                                                   | 91.2                                       | 4055                                                   | 4770               | 3.05                            | 61930 MA                    |
|                                | 225       | 24        | 90.4                                                   | 96.1                                       | 2907                                                   | 3420               | 3.15                            | 16030                       |
|                                | 225       | 35        | 122.6                                                  | 1226                                       | 2907                                                   | 3420               | 4.8                             | 6030                        |
|                                | 270       | 45        | 170.6                                                  | 162.7                                      | 2448                                                   | 2880               | 9.4                             | 6230                        |
|                                | 320       | 65        | 270.5                                                  | 279.4                                      | 3060                                                   | 3600               | 26                              | 6330 M                      |
|                                | 160       | 200       | 20                                                     | 48.5                                       | 62.8                                                   | 3060               | 3600                            | 1.4                         |
| 220                            |           | 28        | 90.5                                                   | 96.1                                       | 3825                                                   | 4500               | 3.2                             | 61932 MA                    |
| 240                            |           | 25        | 97.6                                                   | 105.9                                      | 2754                                                   | 3240               | 3.7                             | 16032                       |
| 240                            |           | 38        | 140.2                                                  | 140.2                                      | 2754                                                   | 3240               | 5.9                             | 6032                        |
| 240                            |           | 38        | 140.2                                                  | 140.2                                      | 3672                                                   | 4320               | 5.9                             | 6032 M                      |
| 290                            |           | 48        | 182.3                                                  | 182.3                                      | 2295                                                   | 2700               | 14                              | 6232                        |
| 340                            |           | 68        | 270.5                                                  | 279.3                                      | 2907                                                   | 3420               | 29                              | 6332 M                      |
| 170                            |           | 215       | 22                                                     | 60.6                                       | 76.5                                                   | 2754               | 3240                            | 1.9                         |
|                                | 230       | 28        | 91.8                                                   | 103.9                                      | 3672                                                   | 4320               | 3.4                             | 61934 MA                    |
|                                | 260       | 28        | 116.7                                                  | 126.5                                      | 2448                                                   | 2880               | 5                               | 16034                       |
|                                | 260       | 42        | 164.7                                                  | 169.6                                      | 3290                                                   | 3870               | 7.9                             | 6034 M                      |
|                                | 310       | 52        | 207.8                                                  | 219.7                                      | 2907                                                   | 3420               | 17.5                            | 6234 M                      |
|                                | 360       | 72        | 305.8                                                  | 334                                        | 2601                                                   | 3060               | 34.5                            | 6334 M                      |
|                                | 180       | 225       | 22                                                     | 61.2                                       | 80                                                     | 2601               | 3060                            | 2                           |
| 250                            |           | 33        | 116.7                                                  | 131.2                                      | 3290                                                   | 3870               | 5.05                            | 61936 MA                    |
| 280                            |           | 31        | 135.3                                                  | 143                                        | 3060                                                   | 3600               | 6.6                             | 16036                       |
| 280                            |           | 46        | 188.3                                                  | 197                                        | 3060                                                   | 3600               | 10.5                            | 6036 M                      |
| 320                            |           | 52        | 224.5                                                  | 236                                        | 2754                                                   | 3240               | 18.5                            | 6236 M                      |
| 380                            |           | 75        | 344                                                    | 397                                        | 2448                                                   | 2880               | 42.5                            | 6336 M                      |
| 190                            |           | 240       | 24                                                     | 74.6                                       | 96                                                     | 2448               | 2880                            | 2.6                         |
|                                | 260       | 33        | 114.7                                                  | 133                                        | 3290                                                   | 3870               | 5.25                            | 61938 MA                    |
|                                | 290       | 31        | 145.1                                                  | 163                                        | 2295                                                   | 2700               | 7.9                             | 16038                       |
|                                | 290       | 46        | 191.2                                                  | 212                                        | 2907                                                   | 3420               | 11                              | 6038 M                      |
|                                | 340       | 55        | 245                                                    | 275                                        | 2601                                                   | 3060               | 23                              | 6238 M                      |
|                                | 400       | 78        | 363.6                                                  | 422                                        | 2295                                                   | 2700               | 49                              | 6338 M                      |
|                                | 200       | 250       | 24                                                     | 74.6                                       | 100                                                    | 2448               | 2880                            | 2.7                         |
| 280                            |           | 38        | 145.1                                                  | 163                                        | 2907                                                   | 3420               | 7.4                             | 61940 MA                    |
| 310                            |           | 34        | 164.7                                                  | 186                                        | 2142                                                   | 2520               | 8.85                            | 16040                       |
| 310                            |           | 51        | 211.7                                                  | 240                                        | 2754                                                   | 3240               | 14                              | 6040 M                      |
| 360                            |           | 58        | 284.7                                                  | 304                                        | 2448                                                   | 2880               | 28                              | 6240 M                      |
| 220                            |           | 270       | 24                                                     | 76.5                                       | 108                                                    | 2142               | 2520                            | 3                           |
|                                | 300       | 38        | 148                                                    | 177                                        | 2754                                                   | 3240               | 8                               | 61944 MA                    |
|                                | 340       | 37        | 170.6                                                  | 200                                        | 1836                                                   | 2160               | 11.5                            | 16044                       |
|                                | 340       | 56        | 242.1                                                  | 285                                        | 2448                                                   | 2880               | 18.5                            | 6044 M                      |
|                                | 400       | 65        | 290.1                                                  | 358                                        | 2295                                                   | 2700               | 37                              | 6244 M                      |
|                                | 460       | 88        | 401.9                                                  | 510                                        | 1989                                                   | 2340               | 72.5                            | 6344 M                      |
|                                | 240       | 300       | 28                                                     | 105.9                                      | 147                                                    | 1989               | 2340                            | 4.5                         |
| 320                            |           | 38        | 155.9                                                  | 196                                        | 2448                                                   | 2880               | 8.6                             | 61948 MA                    |
| 360                            |           | 37        | 174.5                                                  | 216                                        | 2295                                                   | 2700               | 14.5                            | 16048 MA                    |

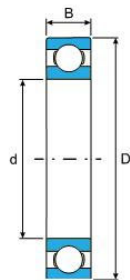
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## Radial deep groove ball bearings, single row

*Cuscinetti radiali ad una corona di sfere*

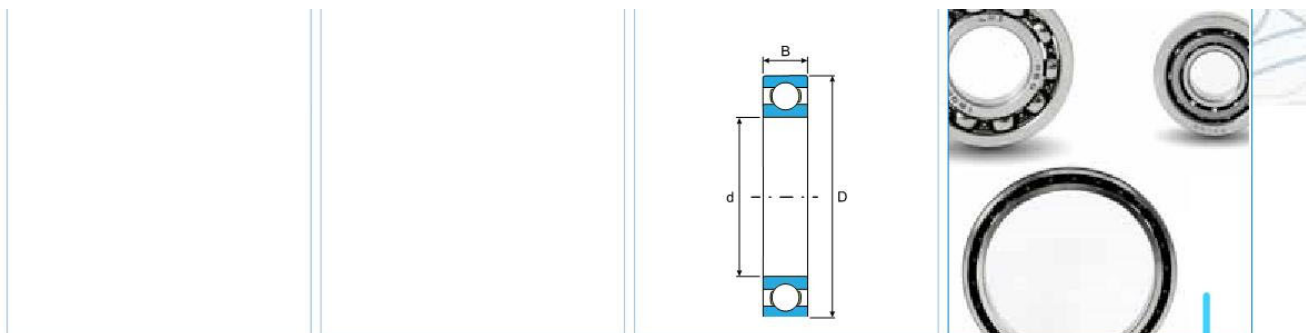
| Dimension<br>Dimensione |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Speed limit (Rpm)<br>Velocità limite (giri/min) |             | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|-------------------------------------------------|-------------|--------------------------|----------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> | Lubrication<br>Lubrificazione                   |             |                          |                      |
|                         |           |           |                                                 |                                     | Grease<br>Grasso                                | Oil<br>Olio |                          |                      |
| 240                     | 360       | 56        | 250                                             | 309                                 | 2295                                            | 2700        | 19                       | 6048 M               |
|                         | 440       | 72        | 350.9                                           | 456                                 | 1989                                            | 2340        | 51                       | 6248 M               |
|                         | 500       | 95        | 433.2                                           | 574                                 | 1836                                            | 2160        | 92.5                     | 6348 M               |
| 260                     | 320       | 28        | 108.8                                           | 160                                 | 1836                                            | 2160        | 4.8                      | 61852                |
|                         | 360       | 46        | 207.8                                           | 265                                 | 2295                                            | 2700        | 14.5                     | 61952 MA             |
|                         | 400       | 44        | 233.3                                           | 304                                 | 2142                                            | 2520        | 21.5                     | 16052 MA             |
|                         | 400       | 65        | 285.2                                           | 368                                 | 2142                                            | 2520        | 29.5                     | 6052 M               |
|                         | 480       | 80        | 382.3                                           | 520                                 | 1836                                            | 2160        | 65                       | 6252 M               |
|                         | 540       | 102       | 496.9                                           | 696                                 | 1683                                            | 1980        | 115                      | 6352 M               |
| 280                     | 350       | 33        | 135.3                                           | 197                                 | 1683                                            | 1980        | 7.4                      | 61856                |
|                         | 380       | 46        | 211.7                                           | 279                                 | 2142                                            | 2520        | 15                       | 61956 MA             |
|                         | 420       | 44        | 237.2                                           | 329                                 | 1989                                            | 2340        | 23                       | 16056 MA             |
|                         | 420       | 65        | 296                                             | 397                                 | 1989                                            | 2340        | 31                       | 6056 M               |
|                         | 500       | 80        | 414.6                                           | 588                                 | 1683                                            | 1980        | 71                       | 6256 M               |
| 300                     | 380       | 38        | 168.6                                           | 241                                 | 1989                                            | 2340        | 10.5                     | 61860 MA             |
|                         | 420       | 56        | 264.7                                           | 368                                 | 1836                                            | 2160        | 24.5                     | 61960 MA             |
|                         | 460       | 50        | 280.3                                           | 397                                 | 1836                                            | 2160        | 32                       | 16060 MA             |
|                         | 460       | 74        | 350.9                                           | 491                                 | 1836                                            | 2160        | 44                       | 6060 M               |
|                         | 540       | 85        | 452.8                                           | 657                                 | 1530                                            | 1800        | 88.5                     | 6260 M               |
| 320                     | 400       | 38        | 168.6                                           | 250                                 | 1836                                            | 2160        | 11                       | 61864 MA             |
|                         | 440       | 56        | 270.5                                           | 393                                 | 1836                                            | 2160        | 25.5                     | 61964 MA             |
|                         | 480       | 50        | 275.4                                           | 397                                 | 1683                                            | 1980        | 34                       | 16064 MA             |
|                         | 480       | 74        | 363.6                                           | 530                                 | 1683                                            | 1980        | 46                       | 6064 M               |
| 340                     | 420       | 38        | 174.5                                           | 270                                 | 1836                                            | 2160        | 11.5                     | 61868MA              |
|                         | 460       | 56        | 275.4                                           | 417                                 | 1683                                            | 1980        | 26.5                     | 61968MA              |
|                         | 520       | 57        | 338.2                                           | 510                                 | 1530                                            | 1800        | 45                       | 16068MA              |
|                         | 520       | 82        | 414.6                                           | 628                                 | 1530                                            | 1800        | 62                       | 6068M                |
| 360                     | 440       | 38        | 178.4                                           | 280                                 | 1683                                            | 1980        | 12                       | 61872 MA             |
|                         | 480       | 56        | 285.2                                           | 442                                 | 1683                                            | 1980        | 28                       | 61972 MA             |
|                         | 540       | 57        | 344                                             | 539                                 | 1454                                            | 1710        | 49                       | 16072 MA             |
|                         | 540       | 82        | 452.8                                           | 721                                 | 1454                                            | 1710        | 64.5                     | 6072 M               |
| 380                     | 480       | 46        | 237.2                                           | 382                                 | 1530                                            | 1800        | 20                       | 61876 MA             |
|                         | 520       | 65        | 331.3                                           | 530                                 | 1454                                            | 1710        | 40                       | 61976 MA             |
|                         | 560       | 57        | 369.5                                           | 608                                 | 1377                                            | 1620        | 51                       | 16076 MA             |
|                         | 560       | 82        | 452.8                                           | 735                                 | 1377                                            | 1620        | 67.5                     | 6076 M               |
| 400                     | 500       | 46        | 242.1                                           | 397                                 | 1454                                            | 1710        | 20.5                     | 61880 MA             |
|                         | 540       | 65        | 338.2                                           | 559                                 | 1377                                            | 1620        | 41.5                     | 61980 MA             |
|                         | 600       | 90        | 509.7                                           | 848                                 | 1301                                            | 1530        | 87.5                     | 6080 M               |
| 420                     | 520       | 46        | 246                                             | 417                                 | 1377                                            | 1620        | 21.5                     | 61884 MA             |
|                         | 560       | 65        | 344                                             | 589                                 | 1377                                            | 1620        | 43                       | 61984 MA             |
|                         | 620       | 90        | 496.9                                           | 863                                 | 1224                                            | 1440        | 91.5                     | 6084 M               |
| 440                     | 540       | 31        | 155                                             | 285                                 | 870                                             | 1000        | 16.5                     | 60888                |
|                         | 540       | 46        | 250                                             | 432                                 | 1377                                            | 1620        | 22.5                     | 61888 MA             |



## Radial deep groove ball bearings, single row

*Cuscinetti radiali ad una corona di sfere*

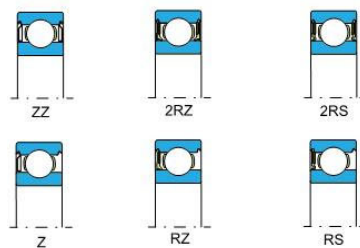
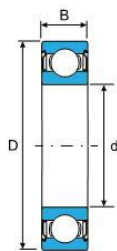
| Dimension<br><i>Dimensione</i> |           |           | Load rating (kN)<br><i>Coefficiente di carico (kN)</i> |                                            | Speed limit (Rpm)<br><i>Velocità limite (giri/min)</i> |                    | Weight (kg)<br><i>Peso (Kg)</i> | Designation<br><i>Sigla</i> |
|--------------------------------|-----------|-----------|--------------------------------------------------------|--------------------------------------------|--------------------------------------------------------|--------------------|---------------------------------|-----------------------------|
| d<br>(mm)                      | D<br>(mm) | B<br>(mm) | Dynamic<br><i>Dinamico</i><br>C                        | Static<br><i>Statico</i><br>C <sub>0</sub> | Lubrication<br><i>Lubrificazione</i>                   |                    |                                 |                             |
|                                |           |           |                                                        |                                            | Grease<br><i>Grasso</i>                                | Oil<br><i>Olio</i> |                                 |                             |
| 440                            | 600       | 50        | 306                                                    | 550                                        | 870                                                    | 1000               | 41                              | 60988                       |
|                                | 600       | 74        | 401.9                                                  | 706                                        | 1224                                                   | 1440               | 60.5                            | 61988 MA                    |
|                                | 650       | 94        | 542                                                    | 946                                        | 1148                                                   | 1350               | 105                             | 6088 M                      |
| 460                            | 580       | 56        | 312.7                                                  | 559                                        | 1224                                                   | 1440               | 35                              | 61892 MA                    |
|                                | 620       | 72        | 410                                                    | 765                                        | 870                                                    | 1100               | 63                              | 61992                       |
|                                | 620       | 74        | 414.6                                                  | 735                                        | 1224                                                   | 1440               | 62.5                            | 61992 MA                    |
|                                | 680       | 100       | 570.4                                                  | 1039                                       | 1148                                                   | 1350               | 120                             | 6092 MB                     |
| 480                            | 600       | 56        | 318.6                                                  | 588                                        | 1224                                                   | 1440               | 36.5                            | 61896 MA                    |
|                                | 650       | 78        | 440.1                                                  | 799                                        | 1148                                                   | 1350               | 74                              | 61996 MA                    |
|                                | 700       | 100       | 605.7                                                  | 1117                                       | 1071                                                   | 1260               | 125                             | 6096 MB                     |
| 500                            | 620       | 37        | 220                                                    | 445                                        | 800                                                    | 950                | 20                              | 608/500                     |
|                                | 620       | 56        | 325.4                                                  | 608                                        | 1148                                                   | 1350               | 40.5                            | 618/500 MA                  |
|                                | 660       | 75        | 440                                                    | 720                                        | 750                                                    | 900                | 68.8                            | 619/500X3F1                 |
|                                | 670       | 78        | 452.8                                                  | 848                                        | 1071                                                   | 1260               | 77                              | 619/500 MA                  |
|                                | 720       | 100       | 593                                                    | 1117                                       | 995                                                    | 1170               | 135                             | 60/500 N1MAS                |
| 530                            | 650       | 56        | 325.4                                                  | 645                                        | 1071                                                   | 1260               | 39.5                            | 618/530 MA                  |
|                                | 710       | 57        | 410                                                    | 810                                        | 890                                                    | 840                | 60                              | 609/530                     |
|                                | 710       | 82        | 478.3                                                  | 912                                        | 995                                                    | 1170               | 90.5                            | 619/530 MA                  |
|                                | 780       | 112       | 637                                                    | 1245                                       | 918                                                    | 1080               | 185                             | 60/530 N1MAS                |
| 560                            | 680       | 37        | 220                                                    | 460                                        | 710                                                    | 860                | 30                              | 608/560                     |
|                                | 680       | 56        | 338.2                                                  | 682                                        | 995                                                    | 1170               | 42                              | 618/560 MA                  |
|                                | 750       | 85        | 484.2                                                  | 961                                        | 918                                                    | 1080               | 105                             | 619/560 MA                  |
|                                | 820       | 115       | 649.8                                                  | 1441                                       | 918                                                    | 1080               | 210                             | 60/560 N1MAS                |
| 600                            | 730       | 42        | 260                                                    | 550                                        | 670                                                    | 800                | 41                              | 608/600                     |
|                                | 730       | 60        | 356.8                                                  | 750                                        | 918                                                    | 1080               | 52                              | 618/600 MA                  |
|                                | 800       | 90        | 573.4                                                  | 1197                                       | 842                                                    | 990                | 125                             | 619/600 MA                  |
|                                | 870       | 118       | 692                                                    | 1450                                       | 600                                                    | 700                | 233                             | 60/600/HC                   |
| 630                            | 780       | 48        | 355                                                    | 765                                        | 640                                                    | 760                | 41                              | 608/630                     |
|                                | 780       | 69        | 433.2                                                  | 946                                        | 842                                                    | 990                | 73                              | 618/630 MA                  |
|                                | 850       | 71        | 475                                                    | 1050                                       | 600                                                    | 710                | 112                             | 609/630                     |
|                                | 850       | 100       | 611.6                                                  | 1314                                       | 842                                                    | 990                | 160                             | 619/630 N1MA                |
|                                | 920       | 128       | 802.7                                                  | 1725                                       | 765                                                    | 900                | 285                             | 60/630 N1MAS                |
| 670                            | 820       | 69        | 433.2                                                  | 980                                        | 842                                                    | 990                | 83.5                            | 618/670 MA                  |
|                                | 900       | 103       | 662.5                                                  | 1470                                       | 765                                                    | 900                | 185                             | 619/670 MA                  |
|                                | 980       | 136       | 886                                                    | 1999                                       | 689                                                    | 810                | 345                             | 60/670 N1MAS                |
| 710                            | 870       | 74        | 465.6                                                  | 1078                                       | 765                                                    | 900                | 93.5                            | 618/710 MA                  |
|                                | 950       | 78        | 545                                                    | 1280                                       | 500                                                    | 610                | 148                             | 609/710                     |
|                                | 950       | 106       | 649.8                                                  | 1470                                       | 689                                                    | 810                | 220                             | 619/710 MA                  |
|                                | 1030      | 140       | 936.9                                                  | 2157                                       | 650                                                    | 765                | 375                             | 60/710 MA                   |
| 750                            | 920       | 78        | 516.5                                                  | 1226                                       | 689                                                    | 810                | 110                             | 618/750 MA                  |
|                                | 1000      | 112       | 745.8                                                  | 1765                                       | 650                                                    | 765                | 255                             | 619/750 MA                  |
|                                | 1090      | 150       | 975                                                    | 2370                                       | 450                                                    | 530                | 490                             | 60/750                      |



## Radial deep groove ball bearings, single row

*Cuscinetti radiali ad una corona di sfere*

| Dimension<br><i>Dimensione</i> |           |           | Load rating (KN)<br><i>Coefficiente di carico (KN)</i> |                                            | Speed limit (Rpm)<br><i>Velocità limite (giri/min)</i> |                    | Weight (kg)<br><i>Peso (Kg)</i> | Designation<br><i>Sigla</i> |
|--------------------------------|-----------|-----------|--------------------------------------------------------|--------------------------------------------|--------------------------------------------------------|--------------------|---------------------------------|-----------------------------|
| d<br>(mm)                      | D<br>(mm) | B<br>(mm) | Dynamic<br><i>Dinamico</i><br>C                        | Static<br><i>Statico</i><br>C <sub>0</sub> | Lubrication<br><i>Lubrificazione</i>                   |                    |                                 |                             |
|                                |           |           |                                                        |                                            | Grease<br><i>Grasso</i>                                | Oil<br><i>Olio</i> |                                 |                             |
| 800                            | 980       | 57        | 390                                                    | 990                                        | 430                                                    | 510                | 100                             | 608/800                     |
|                                | 980       | 82        | 547.9                                                  | 1343                                       | 650                                                    | 765                | 130                             | 618/800 MA                  |
|                                | 1060      | 115       | 815.4                                                  | 2000                                       | 612                                                    | 720                | 275                             | 619/800 MA                  |
|                                | 1150      | 155       | 989.9                                                  | 2500                                       | 574                                                    | 675                | 535                             | 60/800 N1MAS                |
| 850                            | 1030      | 57        | 385                                                    | 1000                                       | 450                                                    | 500                | 75                              | 608/850                     |
|                                | 1030      | 82        | 547.9                                                  | 1402                                       | 574                                                    | 675                | 140                             | 618/850 MA                  |
|                                | 1120      | 118       | 815                                                    | 2150                                       | 400                                                    | 480                | 315                             | 619/850                     |
|                                | 1220      | 165       | 1090                                                   | 2980                                       | 370                                                    | 430                | 640                             | 60/850                      |
| 900                            | 1090      | 85        | 605.7                                                  | 1567                                       | 536                                                    | 630                | 160                             | 618/900 MA                  |
|                                | 1180      | 122       | 830                                                    | 2270                                       | 360                                                    | 440                | 355                             | 619/900                     |
|                                | 1280      | 170       | 1080                                                   | 3120                                       | 330                                                    | 410                | 725                             | 60/900                      |
| 950                            | 1150      | 90        | 663                                                    | 1620                                       | 360                                                    | 430                | 188                             | 618/950F1                   |
|                                | 1250      | 132       | 985                                                    | 2850                                       | 330                                                    | 410                | 395                             | 619/950                     |
|                                | 1360      | 180       | 1145                                                   | 3315                                       | 310                                                    | 380                | 850                             | 60/950                      |
| 1000                           | 1220      | 71        | 540                                                    | 1550                                       | 350                                                    | 400                | 175                             | 608/1000                    |
|                                | 1220      | 100       | 624.3                                                  | 1765                                       | 459                                                    | 540                | 245                             | 618/1000 MA                 |
|                                | 1320      | 103       | 800                                                    | 2340                                       | 330                                                    | 380                | 405                             | 609/1000                    |
|                                | 1320      | 140       | 985                                                    | 2880                                       | 330                                                    | 380                | 525                             | 619/1000                    |
|                                | 1420      | 185       | 1320                                                   | 3900                                       | 290                                                    | 340                | 925                             | 60/1000                     |
| 1060                           | 1280      | 100       | 713.5                                                  | 2077.7                                     | 428                                                    | 504                | 260                             | 618/1060 MA                 |
|                                | 1400      | 150       | 985                                                    | 3030                                       | 290                                                    | 330                | 615                             | 619/1060                    |
|                                | 1500      | 195       | 1320                                                   | 3860                                       | 250                                                    | 330                | 1090                            | 60/1060                     |
| 1120                           | 1360      | 106       | 726.2                                                  | 2157                                       | 405                                                    | 477                | 315                             | 618/1120 MA                 |
|                                | 1460      | 150       | 1010                                                   | 3070                                       | 270                                                    | 330                | 640                             | 619/1120                    |
|                                | 1580      | 200       | 1430                                                   | 4480                                       | 250                                                    | 300                | 1245                            | 60/1120                     |
| 1180                           | 1420      | 106       | 745.8                                                  | 2312.9                                     | 367                                                    | 432                | 330                             | 618/1180 MB                 |
|                                | 1540      | 160       | 1115                                                   | 3630                                       | 210                                                    | 270                | 765                             | 619/1180                    |
| 1250                           | 1500      | 112       | 830                                                    | 2740                                       | 210                                                    | 270                | 390                             | 618/1250                    |
| 1280                           | 1560      | 150       | 939                                                    | 2750                                       | 220                                                    | 280                | 606                             | 66/1280F1                   |
| 1320                           | 1600      | 122       | 955                                                    | 2830                                       | 200                                                    | 260                | 512                             | 618/1320F3                  |
|                                | 1720      | 128       | 1180                                                   | 4060                                       | 190                                                    | 230                | 835                             | 609/1320                    |
| 1400                           | 1700      | 132       | 1070                                                   | 3980                                       | 190                                                    | 230                | 620                             | 618/1400                    |
|                                | 1820      | 185       | 1550                                                   | 5520                                       | 180                                                    | 230                | 1260                            | 619/1400                    |
| 1500                           | 1820      | 140       | 1685.7                                                 | 5980                                       | 245                                                    | 288                | 690                             | 618/1500 MB                 |
|                                | 1950      | 195       | 1680                                                   | 6220                                       | 160                                                    | 190                | 1515                            | 619/1500                    |
| 1600                           | 1950      | 155       | 1240                                                   | 4750                                       | 150                                                    | 180                | 975                             | 618/1600                    |
|                                | 2060      | 200       | 1820                                                   | 6880                                       | 140                                                    | 170                | 1660                            | 619/1600                    |
| 1700                           | 2060      | 160       | 1240                                                   | 4950                                       | 130                                                    | 160                | 1110                            | 618/1700                    |
|                                | 2180      | 212       | 1950                                                   | 7680                                       | 120                                                    | 150                | 1930                            | 619/1700                    |



## Sealed radial deep groove ball bearings

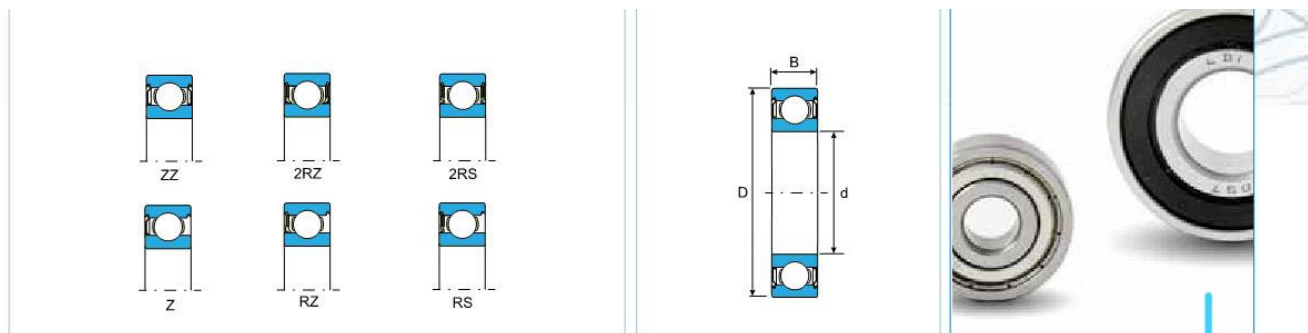
*Cuscinetti radiali ad una corona di sfere, schermati*

| Dimension<br>Dimensione |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Speed limit*<br>Velocità limite* | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla                        |                                                     |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|----------------------------------|--------------------------|---------------------------------------------|-----------------------------------------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> |                                  |                          | One side<br>shield<br>Schermo<br>su un lato | Two<br>side shield<br>Schermo<br>su entrambi i lati |
| 3                       | 10        | 4         | 0.53                                            | 0.18                                | 57000                            | 0.0015                   | 623-Z                                       | 623-ZZ                                              |
|                         | 10        | 4         | 0.53                                            | 0.18                                | 38000                            | 0.0015                   | 623-RS                                      | 623-2RS                                             |
| 4                       | 9         | 3.5       | 0.53                                            | 0.18                                | 66500                            | 0.001                    | -                                           | 628/4-ZZ                                            |
|                         | 9         | 4         | 0.53                                            | 0.18                                | 66500                            | 0.0013                   | -                                           | 638/4-ZZ                                            |
|                         | 11        | 4         | 0.71                                            | 0.23                                | 59850                            | 0.0017                   | -                                           | 619/4-ZZ                                            |
|                         | 12        | 4         | 0.79                                            | 0.28                                | 57000                            | 0.0021                   | 604-Z                                       | 604-ZZ                                              |
|                         | 13        | 5         | 0.92                                            | 0.29                                | 50350                            | 0.0031                   | 624-Z                                       | 624-ZZ                                              |
|                         | 16        | 5         | 1.09                                            | 0.38                                | 45600                            | 0.0054                   | 634-Z                                       | 634-ZZ                                              |
|                         | 16        | 5         | 1.09                                            | 0.38                                | 45600                            | 0.0054                   | 634-RZ                                      | 634-2RZ                                             |
|                         | 16        | 5         | 1.09                                            | 0.38                                | 26600                            | 0.0054                   | 634-RS                                      | 634-2RS                                             |
| 5                       | 11        | 4         | 0.63                                            | 0.25                                | 57000                            | 0.0014                   | -                                           | 628/5-ZZ                                            |
|                         | 11        | 5         | 0.63                                            | 0.25                                | 57000                            | 0.0016                   | -                                           | 638/5-ZZ                                            |
|                         | 13        | 4         | 0.87                                            | 0.34                                | 50350                            | 0.0025                   | -                                           | 619/5-ZZ                                            |
|                         | 16        | 5         | 1.12                                            | 0.38                                | 45600                            | 0.005                    | 625-Z                                       | 625-ZZ                                              |
|                         | 19        | 6         | 2.3                                             | 0.94                                | 38000                            | 0.009                    | 635-Z                                       | 635-ZZ                                              |
|                         | 19        | 6         | 2.3                                             | 0.94                                | 38000                            | 0.009                    | 635-RZ                                      | 635-2RZ                                             |
|                         | 19        | 6         | 2.3                                             | 0.94                                | 22800                            | 0.009                    | 635-RS                                      | 635-2RS                                             |
|                         | 19        | 6         | 2.3                                             | 0.94                                | 22800                            | 0.0084                   | 626-Z                                       | 626-ZZ                                              |
| 6                       | 13        | 5         | 0.87                                            | 0.34                                | 50350                            | 0.0026                   | -                                           | 628/6-ZZ                                            |
|                         | 15        | 5         | 1.22                                            | 0.47                                | 47500                            | 0.0039                   | -                                           | 619/6-ZZ                                            |
|                         | 19        | 6         | 2.3                                             | 0.94                                | 38000                            | 0.0084                   | 626-Z                                       | 626-ZZ                                              |
|                         | 19        | 6         | 2.3                                             | 0.94                                | 22800                            | 0.0084                   | 626RS                                       | 626-2RS                                             |
| 7                       | 14        | 5         | 0.94                                            | 0.4                                 | 47500                            | 0.0031                   | -                                           | 628/7-ZZ                                            |
|                         | 17        | 5         | 1.46                                            | 0.55                                | 42750                            | 0.0049                   | -                                           | 619/7-ZZ                                            |
|                         | 19        | 6         | 2.3                                             | 0.94                                | 40850                            | 0.0075                   | 607-Z                                       | 607-ZZ                                              |
|                         | 19        | 6         | 2.3                                             | 0.94                                | 22800                            | 0.0075                   | 607-RS                                      | 607-2RS                                             |
|                         | 22        | 7         | 3.39                                            | 1.35                                | 34200                            | 0.013                    | 627-Z                                       | 627-ZZ                                              |
|                         | 22        | 7         | 3.39                                            | 1.35                                | 20900                            | 0.012                    | 627-RS                                      | 627-2RS                                             |
| 8                       | 16        | 5         | 1.31                                            | 0.56                                | 42750                            | 0.0036                   | -                                           | 628/8-ZZ                                            |
|                         | 16        | 5         | 1.31                                            | 0.56                                | 24700                            | 0.0036                   | -                                           | 628/8-2RS                                           |
|                         | 16        | 6         | 1.31                                            | 0.56                                | 42750                            | 0.0043                   | -                                           | 638/8-ZZ                                            |
|                         | 19        | 6         | 1.87                                            | 0.73                                | 38000                            | 0.0071                   | -                                           | 619/8-ZZ                                            |
|                         | 19        | 6         | 1.87                                            | 0.73                                | 22800                            | 0.0071                   | -                                           | 619/8-2RS                                           |
|                         | 22        | 7         | 3.39                                            | 1.35                                | 36100                            | 0.012                    | 608-Z                                       | 608-ZZ                                              |
|                         | 22        | 7         | 3.39                                            | 1.35                                | 20900                            | 0.012                    | 608-RS                                      | 608-2RS                                             |
|                         | 22        | 11        | 3.39                                            | 1.35                                | 20900                            | 0.016                    | -                                           | 630/8-2RS                                           |
|                         | 24        | 8         | 3.83                                            | 1.63                                | 30400                            | 0.017                    | 628-Z                                       | 628-ZZ                                              |
|                         | 24        | 8         | 3.83                                            | 1.63                                | 30400                            | 0.017                    | 628-RZ                                      | 628-2RZ                                             |
|                         | 24        | 8         | 3.83                                            | 1.63                                | 18050                            | 0.017                    | 628-RS                                      | 628-2RS                                             |
|                         | 28        | 9         | 4.53                                            | 1.93                                | 28500                            | 0.03                     | 638-RZ                                      | 638-2RZ                                             |
| 9                       | 17        | 5         | 1.41                                            | 0.63                                | 40850                            | 0.0043                   | 628/9-Z                                     | 628/9-ZZ                                            |
|                         | 17        | 5         | 1.41                                            | 0.63                                | 22800                            | 0.0043                   | -                                           | 628/9-2RS                                           |
|                         | 20        | 6         | 2.04                                            | 0.85                                | 36100                            | 0.0076                   | -                                           | 619/9-ZZ                                            |
|                         | 24        | 7         | 3.83                                            | 1.63                                | 32300                            | 0.014                    | 609-Z                                       | 609-ZZ                                              |
|                         | 24        | 7         | 3.83                                            | 1.63                                | 18050                            | 0.014                    | 609-RS                                      | 609-2RS                                             |

\* For one side shield bearings speed limit, use the same value of open bearings

\* Per i cuscinetti schermati solo da un lato sono valide le velocità limite dei cuscinetti aperti

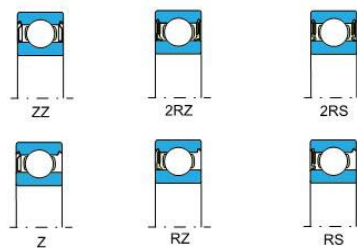
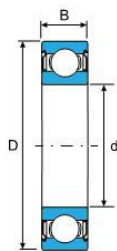
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## Sealed radial deep groove ball bearings

*Cuscinetti radiali ad una corona di sfere, schermati*

| Dimension<br>Dimensione |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Velocità limite*<br>Speed limit* | Peso (Kg)<br>Weight (kg) | Designation<br>Sigla                        |                                                     |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|----------------------------------|--------------------------|---------------------------------------------|-----------------------------------------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dinamico<br>Dynamic<br>C                        | Statico<br>Static<br>C <sub>0</sub> |                                  |                          | One side<br>shield<br>Schermo<br>su un lato | Two<br>side shield<br>Schermo<br>su entrambi i lati |
| <b>9</b>                | 26        | 8         | 4.66                                            | 1.93                                | 28500                            | 0.02                     | <b>629-Z</b>                                | <b>629-ZZ</b>                                       |
|                         | 26        | 8         | 4.66                                            | 1.93                                | 18050                            | 0.02                     | <b>629-RS</b>                               | <b>629-2RS</b>                                      |
| <b>10</b>               | 15        | 4         | 66                                              | 34                                  | 36000                            | 0.0055                   | -                                           | 61700-ZZ                                            |
|                         | 19        | 5         | 1.36                                            | 0.58                                | 36100                            | 0.0055                   | -                                           | 61800-ZZ                                            |
|                         | 19        | 5         | 1.36                                            | 0.58                                | 20800                            | 0.0055                   | -                                           | 61800-2RS                                           |
|                         | 19        | 7         | 1.33                                            | 0.56                                | 34000                            | 0.0055                   | -                                           | 63800-ZZ                                            |
|                         | 22        | 6         | 2.04                                            | 0.84                                | 34200                            | 0.01                     | -                                           | 61900-ZZ                                            |
|                         | 22        | 6         | 2.04                                            | 0.84                                | 19000                            | 0.01                     | -                                           | 61900-2RS                                           |
|                         | 26        | 8         | 4.66                                            | 1.93                                | 32300                            | 0.019                    | 6000-Z                                      | 6000-ZZ                                             |
|                         | 26        | 8         | 4.66                                            | 1.93                                | 18050                            | 0.019                    | 6000-RS                                     | 6000-2RS                                            |
|                         | 26        | 12        | 4.53                                            | 1.93                                | 18050                            | 0.025                    | -                                           | 63000-2RS                                           |
|                         | 28        | 8         | 4.53                                            | 1.93                                | 30400                            | 0.022                    | -                                           | 16100-ZZ                                            |
|                         | 30        | 9         | 5.3                                             | 2.32                                | 26600                            | 0.032                    | 6200-Z                                      | 6200-ZZ                                             |
|                         | 30        | 9         | 5.3                                             | 2.32                                | 16150                            | 0.032                    | 6200-RS                                     | 6200-2RS                                            |
|                         | 30        | 14        | 4.97                                            | 2.32                                | 16150                            | 0.04                     | -                                           | 62200-2RS                                           |
|                         | 35        | 11        | 8.35                                            | 3.34                                | 24700                            | 0.053                    | 6300-Z                                      | 6300-ZZ                                             |
|                         | 35        | 11        | 8.35                                            | 3.34                                | 14250                            | 0.053                    | 6300-RS                                     | 6300-2RS                                            |
|                         | 35        | 17        | 7.9                                             | 3.34                                | 14250                            | 0.06                     | -                                           | 62300-2RS                                           |
| <b>12</b>               | 18        | 4         | 72                                              | 41                                  | 31000                            | 0.0063                   | -                                           | 61701-ZZ                                            |
|                         | 21        | 5         | 1.41                                            | 0.66                                | 34200                            | 0.0063                   | -                                           | 61801-ZZ                                            |
|                         | 21        | 5         | 1.41                                            | 0.66                                | 19000                            | 0.0063                   | -                                           | 61801-2RS                                           |
|                         | 21        | 7         | 1.49                                            | 0.68                                | 30500                            | 0.0063                   | -                                           | 63801-ZZ                                            |
|                         | 24        | 6         | 2.21                                            | 0.97                                | 30400                            | 0.011                    | -                                           | 61901-ZZ                                            |
|                         | 24        | 6         | 2.21                                            | 0.97                                | 18050                            | 0.011                    | -                                           | 61901-2RS                                           |
|                         | 28        | 8         | 5.3                                             | 2.32                                | 28500                            | 0.022                    | 6001-Z                                      | 6001-ZZ                                             |
|                         | 28        | 8         | 5.3                                             | 2.32                                | 16150                            | 0.022                    | 6001-RS                                     | 6001-2RS                                            |
|                         | 28        | 12        | 4.97                                            | 2.32                                | 16150                            | 0.029                    | -                                           | 63001-2RS                                           |
|                         | 30        | 8         | 4.97                                            | 2.32                                | 26600                            | 0.023                    | -                                           | 16101-ZZ                                            |
|                         | 30        | 8         | 4.97                                            | 2.32                                | 15200                            | 0.023                    | -                                           | 16101-2RS                                           |
|                         | 32        | 10        | 7.14                                            | 3.04                                | 24700                            | 0.037                    | 6201-Z                                      | 6201-ZZ                                             |
|                         | 32        | 10        | 7.14                                            | 3.04                                | 14250                            | 0.037                    | 6201-RS                                     | 6201-2RS                                            |
|                         | 32        | 14        | 6.76                                            | 3.04                                | 14250                            | 0.045                    | -                                           | 62201-2RS                                           |
|                         | 37        | 12        | 9.9                                             | 4.07                                | 20900                            | 0.06                     | 6301-Z                                      | 6301-ZZ                                             |
|                         | 37        | 12        | 9.9                                             | 4.07                                | 13300                            | 0.06                     | 6301-RS                                     | 6301-2RS                                            |
|                         | 37        | 17        | 9.56                                            | 4.07                                | 13300                            | 0.07                     | 62301-2RS                                   |                                                     |
| <b>15</b>               | 21        | 4         | 81                                              | 44                                  | 27000                            | 0.0074                   | -                                           | 61702-ZZ                                            |
|                         | 24        | 5         | 1.53                                            | 0.79                                | 28500                            | 0.0074                   | -                                           | 61802-ZZ                                            |
|                         | 24        | 5         | 1.53                                            | 0.79                                | 16150                            | 0.0074                   | -                                           | 61802-2RS                                           |
|                         | 24        | 7         | 1.62                                            | 0.79                                | 26000                            | 0.016                    | -                                           | 613802-ZZ                                           |
|                         | 28        | 7         | 4.28                                            | 2.2                                 | 26600                            | 0.016                    | -                                           | 61902-ZZ                                            |
|                         | 28        | 7         | 4.28                                            | 2.2                                 | 26600                            | 0.016                    | -                                           | 61902-2RZ                                           |
|                         | 28        | 7         | 4.28                                            | 2.2                                 | 15200                            | 0.016                    | -                                           | 61902-2RS                                           |
|                         | 32        | 8         | 5.74                                            | 2.8                                 | 24700                            | 0.025                    | 16002-Z                                     | 16002-ZZ                                            |
|                         | 32        | 9         | 5.74                                            | 2.8                                 | 24700                            | 0.03                     | 6002-Z                                      | 6002-ZZ                                             |
|                         | 32        | 9         | 5.74                                            | 2.8                                 | 13300                            | 0.03                     | 6002-RS                                     | 6002-2RS                                            |
|                         | 32        | 13        | 5.48                                            | 2.8                                 | 13300                            | 0.039                    | -                                           | 63002-2RS                                           |
|                         | 35        | 11        | 7.9                                             | 3.68                                | 20900                            | 0.045                    | 6202-Z                                      | 6202-ZZ                                             |



## Sealed radial deep groove ball bearings

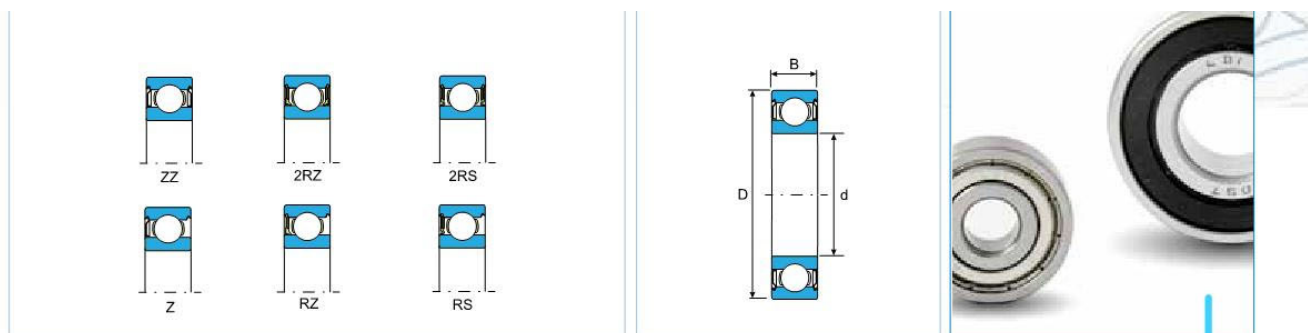
*Cuscinetti radiali ad una corona di sfere, schermati*

| Dimension<br>Dimensione |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Speed limit*<br>Velocità limite* | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla                        |                                                     |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|----------------------------------|--------------------------|---------------------------------------------|-----------------------------------------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> |                                  |                          | One side<br>shield<br>Schermo<br>su un lato | Two<br>side shield<br>Schermo<br>su entrambi i lati |
| 15                      | 35        | 11        | 7.9                                             | 3.68                                | 12350                            | 0.045                    | 6202-RS                                     | 6202-2RS                                            |
|                         | 35        | 14        | 7.65                                            | 3.68                                | 12350                            | 0.054                    | -                                           | 62202-2RS                                           |
|                         | 42        | 13        | 11.67                                           | 5.3                                 | 18050                            | 0.082                    | 6302-Z                                      | 6302-ZZ                                             |
|                         | 42        | 13        | 11.67                                           | 5.3                                 | 11400                            | 0.082                    | 6302-RS                                     | 6302-2RS                                            |
|                         | 42        | 17        | 11.18                                           | 5.3                                 | 11400                            | 0.11                     | -                                           | 62302-2RS                                           |
| 17                      | 23        | 4         | 80                                              | 50                                  | 25000                            | 0.0082                   | -                                           | 61703-ZZ                                            |
|                         | 26        | 5         | 1.65                                            | 0.92                                | 26600                            | 0.0082                   | -                                           | 61803-ZZ                                            |
|                         | 26        | 5         | 1.65                                            | 0.92                                | 26600                            | 0.0082                   | -                                           | 61803-2RZ                                           |
|                         | 26        | 5         | 1.65                                            | 0.92                                | 15200                            | 0.0082                   | -                                           | 61803-2RS                                           |
|                         | 26        | 7         | 1.75                                            | 0.90                                | 24000                            | 0.0082                   | -                                           | 63803-ZZ                                            |
|                         | 30        | 7         | 4.53                                            | 2.5                                 | 24700                            | 0.018                    | -                                           | 61903-ZZ                                            |
|                         | 30        | 7         | 4.53                                            | 2.5                                 | 24700                            | 0.018                    | -                                           | 61903-RZ                                            |
|                         | 30        | 7         | 4.53                                            | 2.5                                 | 13300                            | 0.018                    | -                                           | 61903-2RS                                           |
|                         | 35        | 8         | 6.25                                            | 3.19                                | 20900                            | 0.032                    | -                                           | 16003-ZZ                                            |
|                         | 35        | 10        | 6.25                                            | 3.19                                | 20900                            | 0.039                    | 6003-Z                                      | 6003-ZZ                                             |
|                         | 35        | 10        | 6.25                                            | 3.19                                | 12350                            | 0.039                    | 6003-RS                                     | 6003-2RS                                            |
|                         | 35        | 14        | 5.93                                            | 3.19                                | 12350                            | 0.052                    | -                                           | 63003-2RS                                           |
|                         | 40        | 12        | 9.76                                            | 4.66                                | 18050                            | 0.065                    | 6203-Z                                      | 6203-ZZ                                             |
|                         | 40        | 12        | 9.76                                            | 4.66                                | 11400                            | 0.065                    | 6203-RS                                     | 6203-2RS                                            |
|                         | 40        | 16        | 9.37                                            | 4.66                                | 11400                            | 0.083                    | -                                           | 62203-2RS                                           |
|                         | 47        | 14        | 14.02                                           | 6.42                                | 16150                            | 0.12                     | 6303-Z                                      | 6303-ZZ                                             |
|                         | 47        | 14        | 14.02                                           | 6.42                                | 10450                            | 0.12                     | 6303-RS                                     | 6303-2RS                                            |
|                         | 47        | 19        | 13.23                                           | 6.42                                | 10450                            | 0.15                     | -                                           | 62303-2RS                                           |
| 20                      | 27        | 4         | 84                                              | 57                                  | 21000                            | 0.018                    | -                                           | 61704-ZZ                                            |
|                         | 32        | 7         | 3.95                                            | 2.28                                | 20900                            | 0.018                    | -                                           | 61804-2RZ                                           |
|                         | 32        | 7         | 3.95                                            | 2.28                                | 12350                            | 0.018                    | -                                           | 61804-2RS                                           |
|                         | 37        | 9         | 6.25                                            | 3.58                                | 19000                            | 0.038                    | -                                           | 61904-2RZ                                           |
|                         | 37        | 9         | 6.25                                            | 3.58                                | 11400                            | 0.038                    | -                                           | 61904-2RS                                           |
|                         | 42        | 12        | 9.76                                            | 4.9                                 | 18050                            | 0.069                    | 6004-Z                                      | 6004-ZZ                                             |
|                         | 42        | 12        | 9.76                                            | 4.9                                 | 10450                            | 0.069                    | 6004-RS                                     | 6004-2RS                                            |
|                         | 42        | 16        | 9.18                                            | 4.9                                 | 10450                            | 0.086                    | -                                           | 63004-2RS                                           |
|                         | 47        | 14        | 13.23                                           | 6.42                                | 16150                            | 0.11                     | 6204-Z                                      | 6204-ZZ                                             |
|                         | 47        | 14        | 13.23                                           | 6.42                                | 9500                             | 0.11                     | 6204-RS                                     | 6204-2RS                                            |
|                         | 47        | 18        | 12.45                                           | 6.42                                | 9500                             | 0.13                     | -                                           | 62204-2RS                                           |
|                         | 52        | 15        | 16.47                                           | 7.65                                | 14250                            | 0.14                     | 6304-Z                                      | 6304-ZZ                                             |
|                         | 52        | 15        | 16.47                                           | 7.65                                | 9025                             | 0.14                     | 6304-RS                                     | 6304-2RS                                            |
|                         | 52        | 21        | 15.59                                           | 7.65                                | 9025                             | 0.2                      | -                                           | 62304-2RS                                           |
| 22                      | 50        | 14        | 13.72                                           | 7.5                                 | 8550                             | 0.12                     | -                                           | 62/22-2RS                                           |
| 25                      | 32        | 4         | 90                                              | 66                                  | 19000                            | 0.022                    | -                                           | 61705ZZ                                             |
|                         | 37        | 7         | 4.28                                            | 2.55                                | 18050                            | 0.022                    | -                                           | 61805-2RZ                                           |
|                         | 37        | 7         | 4.28                                            | 2.55                                | 10450                            | 0.022                    | -                                           | 61805-2RS                                           |
|                         | 42        | 9         | 6.88                                            | 4.22                                | 17100                            | 0.045                    | -                                           | 61905-2RZ                                           |
|                         | 42        | 9         | 6.88                                            | 4.22                                | 9500                             | 0.045                    | -                                           | 61905-2RS                                           |
|                         | 47        | 12        | 11.67                                           | 6.42                                | 15200                            | 0.08                     | 6005-Z                                      | 6005-ZZ                                             |
|                         | 47        | 12        | 11.67                                           | 6.42                                | 9025                             | 0.08                     | 6005-RS                                     | 6005-2RS                                            |
|                         | 47        | 16        | 10.98                                           | 6.42                                | 9025                             | 0.1                      | -                                           | 63005-2RS                                           |

\* For one side shield bearings speed limit, use the same value of open bearings

\* Per i cuscinetti schermati solo da un lato sono valide le velocità limite dei cuscinetti aperti

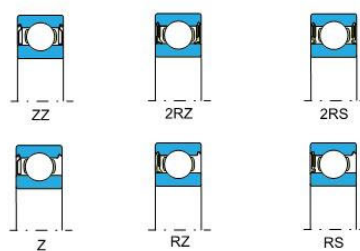
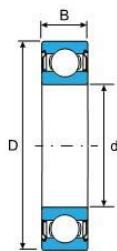
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## Sealed radial deep groove ball bearings

*Cuscinetti radiali ad una corona di sfere, schermati*

| Dimension<br>Dimensione |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Velocità limite*<br>Speed limit* | Peso (Kg)<br>Weight (kg) | Designation<br>Sigla                        |                                                     |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|----------------------------------|--------------------------|---------------------------------------------|-----------------------------------------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dinamico<br>Dynamic<br>C                        | Statico<br>Static<br>C <sub>0</sub> |                                  |                          | One side<br>shield<br>Schermo<br>su un lato | Two<br>side shield<br>Schermo<br>su entrambi i lati |
| 25                      | 52        | 15        | 14.51                                           | 7.65                                | 13300                            | 0.13                     | 6205-Z                                      | 6205-ZZ                                             |
|                         | 52        | 15        | 14.51                                           | 7.65                                | 8075                             | 0.13                     | 6205-RS                                     | 6205-2RS                                            |
|                         | 52        | 18        | 13.72                                           | 7.65                                | 8075                             | 0.15                     | -                                           | 62205-2RS                                           |
|                         | 62        | 17        | 22.94                                           | 11.37                               | 12350                            | 0.23                     | 6305-Z                                      | 6305-ZZ                                             |
|                         | 62        | 17        | 22.94                                           | 11.37                               | 12350                            | 0.23                     | 6035-RZ                                     | 6305-2RZ                                            |
|                         | 62        | 17        | 22.94                                           | 11.37                               | 7125                             | 0.23                     | 6035-RS                                     | 6305-2RS                                            |
|                         | 62        | 24        | 22.05                                           | 11.37                               | 7125                             | 0.32                     | -                                           | 62305-2RS                                           |
| 30                      | 37        | 4         | 95                                              | 76                                  | 17000                            | 0.027                    | -                                           | 61706ZZ                                             |
|                         | 42        | 7         | 4.41                                            | 2.85                                | 16200                            | 0.027                    | -                                           | 61806-2RZ                                           |
|                         | 42        | 7         | 4.41                                            | 2.85                                | 9025                             | 0.027                    | -                                           | 61806-2RS                                           |
|                         | 47        | 9         | 7.14                                            | 4.46                                | 14250                            | 0.051                    | -                                           | 61906-2RZ                                           |
|                         | 47        | 9         | 7.14                                            | 4.46                                | 8075                             | 0.051                    | -                                           | 61906-2RS                                           |
|                         | 55        | 13        | 13.53                                           | 8.14                                | 13300                            | 0.12                     | 6006-Z                                      | 6006-ZZ                                             |
|                         | 55        | 13        | 13.53                                           | 8.14                                | 13300                            | 0.12                     | 6006-RZ                                     | 6006-2RZ                                            |
|                         | 55        | 13        | 13.53                                           | 8.14                                | 7600                             | 0.12                     | 6006-RS                                     | 6006-2RS                                            |
|                         | 55        | 19        | 13.04                                           | 8.14                                | 7800                             | 0.16                     | -                                           | 63006-2RS                                           |
|                         | 62        | 16        | 19.9                                            | 10.98                               | 11400                            | 0.2                      | 6206-Z                                      | 6206-ZZ                                             |
|                         | 62        | 16        | 19.9                                            | 10.98                               | 11400                            | 0.2                      | 6206-RZ                                     | 6206-2RZ                                            |
|                         | 62        | 16        | 19.9                                            | 10.98                               | 7125                             | 0.2                      | 6206-RS                                     | 6206-2RS                                            |
|                         | 62        | 20        | 19.11                                           | 10.98                               | 7125                             | 0.24                     | -                                           | 62206-2RS                                           |
|                         | 72        | 19        | 29.01                                           | 15.68                               | 10450                            | 0.35                     | 6306-Z                                      | 6306-ZZ                                             |
|                         | 72        | 19        | 29.01                                           | 15.68                               | 10450                            | 0.35                     | 6306-RZ                                     | 6306-2RZ                                            |
|                         | 72        | 19        | 29.01                                           | 15.68                               | 5985                             | 0.35                     | 6306-RS                                     | 6306-2RS                                            |
|                         | 72        | 27        | 27.54                                           | 15.68                               | 5985                             | 0.48                     | -                                           | 62306-2RS                                           |
| 35                      | 44        | 5         | 155                                             | 130                                 | 14000                            | 0.03                     | -                                           | 61707ZZ                                             |
|                         | 47        | 7         | 4.66                                            | 3.14                                | 13300                            | 0.03                     | -                                           | 61807-2RZ                                           |
|                         | 47        | 7         | 4.66                                            | 3.14                                | 7600                             | 0.03                     | -                                           | 61807-2RS                                           |
|                         | 55        | 10        | 9.37                                            | 6.67                                | 12350                            | 0.08                     | -                                           | 61907-2RZ                                           |
|                         | 55        | 10        | 9.37                                            | 6.67                                | 7125                             | 0.08                     | -                                           | 61907-2RS                                           |
|                         | 62        | 14        | 16.47                                           | 10                                  | 11400                            | 0.16                     | 6007-Z                                      | 6007-ZZ                                             |
|                         | 62        | 14        | 16.47                                           | 10                                  | 11400                            | 0.16                     | 6007-RZ                                     | 6007-2RZ                                            |
|                         | 62        | 14        | 16.47                                           | 10                                  | 6650                             | 0.16                     | 6007-RS                                     | 6007-2RS                                            |
|                         | 62        | 20        | 15.59                                           | 10                                  | 6650                             | 0.21                     | -                                           | 63007-2RS                                           |
|                         | 72        | 17        | 26.46                                           | 15                                  | 9500                             | 0.29                     | 6207-Z                                      | 6207-ZZ                                             |
|                         | 72        | 17        | 26.46                                           | 15                                  | 5985                             | 0.29                     | 6207-RS                                     | 6207-2RS                                            |
|                         | 72        | 23        | 24.99                                           | 15                                  | 5985                             | 0.37                     | -                                           | 62207-2RS                                           |
|                         | 80        | 21        | 34.4                                            | 18.62                               | 9025                             | 0.46                     | 6307-Z                                      | 6307-ZZ                                             |
|                         | 80        | 21        | 34.4                                            | 18.62                               | 5700                             | 0.46                     | 6307-RS                                     | 6307-2RS                                            |
|                         | 80        | 31        | 32.54                                           | 18.62                               | 5700                             | 0.66                     | 62307-2RS                                   |                                                     |
| 40                      | 50        | 6         | 207                                             | 177                                 | 13000                            | 0.034                    | -                                           | 61708ZZ                                             |
|                         | 52        | 7         | 4.85                                            | 3.39                                | 12350                            | 0.034                    | -                                           | 61808-2RZ                                           |
|                         | 52        | 7         | 4.85                                            | 3.39                                | 7125                             | 0.034                    | -                                           | 61808-2RS                                           |
|                         | 62        | 12        | 13.53                                           | 9.8                                 | 11400                            | 0.12                     | -                                           | 61908-2RZ                                           |
|                         | 62        | 12        | 13.53                                           | 9.8                                 | 6365                             | 0.12                     | -                                           | 61908-2RS                                           |
|                         | 68        | 15        | 17.45                                           | 11.37                               | 10450                            | 0.19                     | 6008-Z                                      | 6008-ZZ                                             |
|                         | 68        | 15        | 17.45                                           | 11.37                               | 10450                            | 0.19                     | 6008-RZ                                     | 6008-2RZ                                            |
|                         | 68        | 15        | 17.45                                           | 11.37                               | 5985                             | 0.19                     | 6008-RS                                     | 6008-2RS                                            |



## Sealed radial deep groove ball bearings

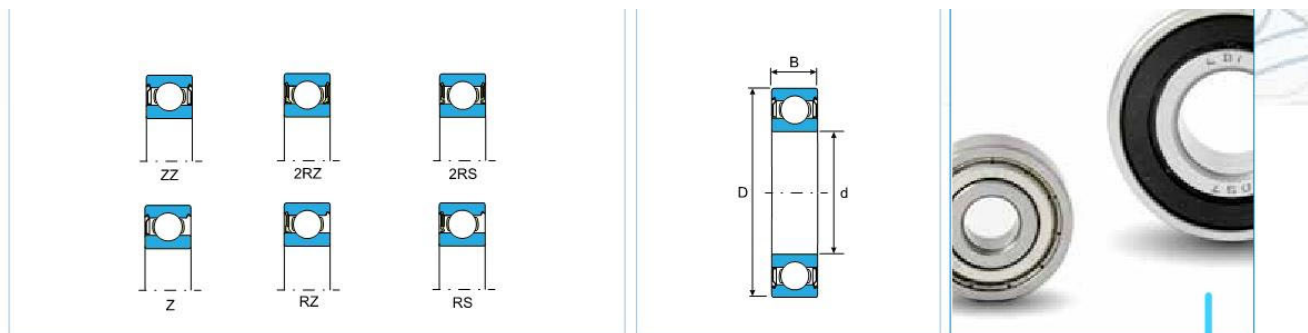
*Cuscinetti radiali ad una corona di sfere, schermati*

| Dimension<br>Dimensione |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Speed limit*<br>Velocità limite* | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla                        |                                                     |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|----------------------------------|--------------------------|---------------------------------------------|-----------------------------------------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> |                                  |                          | One side<br>shield<br>Schermo<br>su un lato | Two<br>side shield<br>Schermo<br>su entrambi i lati |
| 40                      | 68        | 21        | 16.47                                           | 11.37                               | 5985                             | 0.26                     | -                                           | 63008-2RS                                           |
|                         | 80        | 18        | 31.85                                           | 18.62                               | 8550                             | 0.37                     | 6208-RZ                                     | 6208-2RZ                                            |
|                         | 80        | 18        | 31.85                                           | 18.62                               | 8550                             | 0.37                     | 6208-Z                                      | 6208-ZZ                                             |
|                         | 80        | 18        | 31.85                                           | 18.62                               | 5320                             | 0.37                     | 6208-RS                                     | 6208-2RS                                            |
|                         | 80        | 23        | 30.09                                           | 18.62                               | 5320                             | 0.44                     | -                                           | 62208-2RS                                           |
|                         | 90        | 23        | 41.46                                           | 23.52                               | 8075                             | 0.63                     | 6308-Z                                      | 6308-ZZ                                             |
|                         | 90        | 23        | 41.46                                           | 23.52                               | 8075                             | 0.63                     | 6308-RZ                                     | 6308-2RZ                                            |
|                         | 90        | 23        | 41.46                                           | 23.52                               | 4750                             | 0.63                     | 6308-RS                                     | 6308-2RS                                            |
|                         | 90        | 33        | 40.18                                           | 23.52                               | 4750                             | 0.89                     | -                                           | 62308-2RS                                           |
|                         |           |           |                                                 |                                     |                                  |                          |                                             |                                                     |
| 45                      | 55        | 6         | 213                                             | 192                                 | 12000                            | 0.04                     | -                                           | 61709-ZZ                                            |
|                         | 58        | 7         | 6.5                                             | 5.98                                | 10450                            | 0.04                     | -                                           | 61809-2RZ                                           |
|                         | 58        | 7         | 6.5                                             | 5.98                                | 6365                             | 0.04                     | -                                           | 61809-2RS                                           |
|                         | 68        | 12        | 13.72                                           | 10.59                               | 9500                             | 0.14                     | -                                           | 61909-2RZ                                           |
|                         | 68        | 12        | 13.72                                           | 10.59                               | 5700                             | 0.14                     | -                                           | 61909-2RS                                           |
|                         | 75        | 16        | 21.66                                           | 14.31                               | 9500                             | 0.25                     | 6009-Z                                      | 6009-ZZ                                             |
|                         | 75        | 16        | 21.66                                           | 14.31                               | 5320                             | 0.25                     | 6009-RS                                     | 6009-2RS                                            |
|                         | 75        | 23        | 20.39                                           | 14.31                               | 5320                             | 0.34                     | -                                           | 63009-2RS                                           |
|                         | 85        | 19        | 34.4                                            | 21.17                               | 8075                             | 0.41                     | 6209-Z                                      | 6209-ZZ                                             |
|                         | 85        | 19        | 34.4                                            | 21.17                               | 4750                             | 0.41                     | 6209-RS                                     | 6209-2RS                                            |
|                         | 85        | 23        | 32.54                                           | 21.17                               | 4750                             | 0.48                     | -                                           | 62209-2RS                                           |
|                         | 100       | 25        | 54.2                                            | 30.87                               | 7125                             | 0.83                     | 6309-Z                                      | 6309-ZZ                                             |
|                         | 100       | 25        | 54.2                                            | 30.87                               | 4275                             | 0.83                     | 6309-RS                                     | 6309-2RS                                            |
|                         | 100       | 36        | 51.65                                           | 30.87                               | 4275                             | 1.15                     | -                                           | 62309-2RS                                           |
|                         |           |           |                                                 |                                     |                                  |                          |                                             |                                                     |
|                         |           |           |                                                 |                                     |                                  |                          |                                             |                                                     |
|                         |           |           |                                                 |                                     |                                  |                          |                                             |                                                     |
|                         |           |           |                                                 |                                     |                                  |                          |                                             |                                                     |
| 50                      | 65        | 7         | 6.63                                            | 6.67                                | 9500                             | 0.052                    | -                                           | 61810-2RZ                                           |
|                         | 65        | 7         | 6.63                                            | 6.67                                | 5700                             | 0.052                    | -                                           | 61810-2RS                                           |
|                         | 72        | 12        | 14.31                                           | 11.57                               | 9025                             | 0.14                     | -                                           | 61910-2RZ                                           |
|                         | 72        | 12        | 14.31                                           | 11.57                               | 5320                             | 0.14                     | -                                           | 61910-2RS                                           |
|                         | 80        | 16        | 22.45                                           | 15.68                               | 8550                             | 0.26                     | 6010-Z                                      | 6010-ZZ                                             |
|                         | 80        | 16        | 22.45                                           | 15.68                               | 8550                             | 0.26                     | 6010-RZ                                     | 6010-2RZ                                            |
|                         | 80        | 16        | 22.45                                           | 15.68                               | 4750                             | 0.26                     | 6010-RS                                     | 6010-2RS                                            |
|                         | 80        | 23        | 21.17                                           | 15.68                               | 4750                             | 0.37                     | -                                           | 63010-2RS                                           |
|                         | 90        | 20        | 36.36                                           | 22.74                               | 7600                             | 0.46                     | 6210-Z                                      | 6210-ZZ                                             |
|                         | 90        | 20        | 36.36                                           | 22.74                               | 7600                             | 0.46                     | 6210-RZ                                     | 6210-2RZ                                            |
|                         | 90        | 20        | 36.36                                           | 22.74                               | 4560                             | 0.46                     | 6210-RS                                     | 6210-2RS                                            |
|                         | 90        | 23        | 34.4                                            | 22.74                               | 4560                             | 0.52                     | -                                           | 62210-2RS                                           |
|                         | 110       | 27        | 63.7                                            | 37.24                               | 6365                             | 1.05                     | 6310-Z                                      | 6310-ZZ                                             |
|                         | 110       | 27        | 63.7                                            | 37.24                               | 4085                             | 1.05                     | 6310-RS                                     | 6310-2RS                                            |
|                         | 110       | 40        | 60.57                                           | 37.24                               | 4085                             | 1.55                     | -                                           | 62310-2RS                                           |
| 55                      | 72        | 9         | 8.86                                            | 8.63                                | 9025                             | 0.083                    | -                                           | 61811-2RZ                                           |
|                         | 72        | 9         | 8.86                                            | 8.63                                | 5035                             | 0.083                    | -                                           | 61811-2RS                                           |
|                         | 80        | 13        | 16.17                                           | 13.72                               | 8075                             | 0.19                     | -                                           | 61911-2RZ                                           |
|                         | 80        | 13        | 16.17                                           | 13.72                               | 4750                             | 0.19                     | -                                           | 61911-2RS                                           |
|                         | 90        | 18        | 29.01                                           | 20.78                               | 7600                             | 0.39                     | 6011-Z                                      | 6011-ZZ                                             |
|                         | 90        | 18        | 29.01                                           | 20.78                               | 4275                             | 0.39                     | 6011-RS                                     | 6011-2RS                                            |
|                         | 100       | 21        | 45.28                                           | 28.42                               | 6850                             | 0.61                     | 6211-Z                                      | 6211-ZZ                                             |
|                         | 100       | 21        | 45.28                                           | 28.42                               | 4085                             | 0.61                     | 6211-RS                                     | 6211-2RS                                            |
|                         | 100       | 25        | 42.73                                           | 28.42                               | 4085                             | 0.7                      | -                                           | 62211-2RS                                           |

\* For one side shield bearings speed limit, use the same value of open bearings

\* Per i cuscinetti schermati solo da un lato sono valide le velocità limite dei cuscinetti aperti

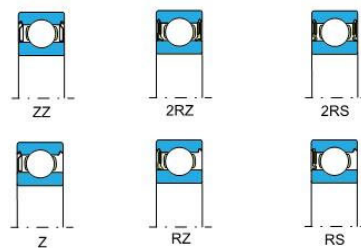
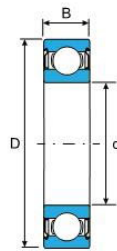
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## Sealed radial deep groove ball bearings

*Cuscinetti radiali ad una corona di sfere, schermati*

| Dimension<br>Dimensione |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Velocità limite*<br>Speed limit* | Peso (Kg)<br>Weight (kg) | Designation<br>Sigla                        |                                                     |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|----------------------------------|--------------------------|---------------------------------------------|-----------------------------------------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dinamico<br>Dynamic<br>C                        | Statico<br>Static<br>C <sub>0</sub> |                                  |                          | One side<br>shield<br>Schermo<br>su un lato | Two<br>side shield<br>Schermo<br>su entrambi i lati |
| 55                      | 120       | 29        | 72.62                                           | 44.1                                | 5985                             | 1.35                     | 6311-Z                                      | 6311-ZZ                                             |
|                         | 120       | 29        | 72.62                                           | 44.1                                | 3610                             | 1.35                     | 6311-RS                                     | 6311-2RS                                            |
|                         | 120       | 43        | 70.07                                           | 44.1                                | 3610                             | 1.95                     | -                                           | 62311-2RS                                           |
| 60                      | 78        | 10        | 11.67                                           | 11.18                               | 8075                             | 0.11                     | -                                           | 61812-2RZ                                           |
|                         | 78        | 10        | 11.67                                           | 11.18                               | 4560                             | 0.11                     | -                                           | 61812-2RS                                           |
|                         | 85        | 13        | 16.17                                           | 14.02                               | 7600                             | 0.2                      | -                                           | 61912-2RZ                                           |
|                         | 85        | 13        | 16.17                                           | 14.02                               | 4275                             | 0.2                      | -                                           | 61912-2RS                                           |
|                         | 95        | 18        | 30.09                                           | 22.74                               | 7125                             | 0.42                     | 6012-Z                                      | 6012-ZZ                                             |
|                         | 95        | 18        | 30.09                                           | 22.74                               | 7125                             | 0.42                     | 6012-RZ                                     | 6012-2RZ                                            |
|                         | 95        | 18        | 30.09                                           | 22.74                               | 4085                             | 0.42                     | 6012-RS                                     | 6012-2RS                                            |
| 60                      | 110       | 22        | 54.2                                            | 35.28                               | 5985                             | 0.78                     | 6212-Z                                      | 6212-ZZ                                             |
|                         | 110       | 22        | 54.2                                            | 35.28                               | 3800                             | 0.78                     | 6212-RS                                     | 6212-2RS                                            |
|                         | 110       | 28        | 51.65                                           | 35.28                               | 3800                             | 0.97                     | -                                           | 62212-2RS                                           |
|                         | 130       | 31        | 83.5                                            | 50.96                               | 5320                             | 1.7                      | 6312-Z                                      | 6312-ZZ                                             |
|                         | 130       | 31        | 83.5                                            | 50.96                               | 3230                             | 1.7                      | 6312-2RS                                    | 6312-2RS                                            |
|                         | 130       | 46        | 80.27                                           | 50.96                               | 3230                             | 2.5                      | -                                           | 62312-2RS                                           |
| 65                      | 85        | 10        | 12.16                                           | 12.45                               | 7600                             | 0.13                     | -                                           | 61813-2RZ                                           |
|                         | 85        | 10        | 12.16                                           | 12.45                               | 4275                             | 0.13                     | -                                           | 61813-2RS                                           |
|                         | 90        | 13        | 17.06                                           | 15.68                               | 7125                             | 0.22                     | -                                           | 61913-2RZ                                           |
|                         | 90        | 13        | 17.06                                           | 15.68                               | 4085                             | 0.22                     | -                                           | 61913-2RS                                           |
|                         | 100       | 18        | 31.27                                           | 24.5                                | 6650                             | 0.44                     | 6013-Z                                      | 6013-ZZ                                             |
|                         | 100       | 18        | 31.27                                           | 24.5                                | 3800                             | 0.44                     | 6013-RS                                     | 6013-2RS                                            |
|                         | 120       | 23        | 57.33                                           | 39.69                               | 5700                             | 0.99                     | 6213-Z                                      | 6213-ZZ                                             |
|                         | 120       | 23        | 57.33                                           | 39.69                               | 3420                             | 0.99                     | 6213-RS                                     | 6213-2RS                                            |
|                         | 120       | 31        | 54.79                                           | 39.69                               | 3420                             | 1.25                     | -                                           | 62213-2RS                                           |
|                         | 140       | 33        | 95.55                                           | 58.8                                | 5035                             | 2.1                      | 6313-Z                                      | 6313-ZZ                                             |
|                         | 140       | 33        | 95.55                                           | 58.8                                | 3040                             | 2.1                      | 6313-RS                                     | 6313-2RS                                            |
|                         | 140       | 48        | 90.46                                           | 58.8                                | 3040                             | 3                        | -                                           | 62313-2RS                                           |
| 70                      | 90        | 10        | 12.16                                           | 12.94                               | 7125                             | 0.14                     | -                                           | 61814-2RZ                                           |
|                         | 90        | 10        | 12.16                                           | 12.94                               | 4085                             | 0.14                     | -                                           | 61814-2RS                                           |
|                         | 100       | 16        | 23.33                                           | 20.78                               | 6650                             | 0.35                     | -                                           | 61914-2RZ                                           |
|                         | 100       | 16        | 23.33                                           | 20.78                               | 3800                             | 0.35                     | -                                           | 61914-2RS                                           |
|                         | 110       | 20        | 38.91                                           | 30.38                               | 5985                             | 0.6                      | 6014-Z                                      | 6014-ZZ                                             |
|                         | 110       | 20        | 38.91                                           | 30.38                               | 3420                             | 0.6                      | 6014-RS                                     | 6014-2RS                                            |
|                         | 125       | 24        | 62.43                                           | 44.1                                | 5320                             | 1.1                      | 6214-Z                                      | 6214-ZZ                                             |
|                         | 125       | 24        | 62.43                                           | 44.1                                | 3230                             | 1.1                      | 6214-RS                                     | 6214-2RS                                            |
|                         | 125       | 31        | 59.29                                           | 44.1                                | 3230                             | 1.3                      | -                                           | 62214-2RS                                           |
|                         | 150       | 35        | 108.78                                          | 66.64                               | 4750                             | 2.5                      | 6314-Z                                      | 6314-ZZ                                             |
|                         | 150       | 35        | 108.78                                          | 66.64                               | 2850                             | 2.5                      | 6314-RS                                     | 6314-2RS                                            |
|                         | 150       | 51        | 101.92                                          | 66.64                               | 2850                             | 3.55                     | -                                           | 62314-2RS                                           |
| 75                      | 95        | 10        | 12.45                                           | 14.02                               | 6650                             | 0.15                     | -                                           | 61815-2RZ                                           |
|                         | 95        | 10        | 12.45                                           | 14.02                               | 3800                             | 0.15                     | -                                           | 61815-2RS                                           |
|                         | 105       | 16        | 23.72                                           | 18.92                               | 5985                             | 0.37                     | -                                           | 61915-2RZ                                           |
|                         | 105       | 16        | 23.72                                           | 18.92                               | 3420                             | 0.37                     | -                                           | 61915-2RS                                           |
|                         | 115       | 20        | 40.77                                           | 32.83                               | 5700                             | 0.64                     | 6015-Z                                      | 6015-ZZ                                             |
|                         | 115       | 20        | 40.77                                           | 32.83                               | 5700                             | 0.64                     | 6015-RZ                                     | 6015-2RZ                                            |



## Sealed radial deep groove ball bearings

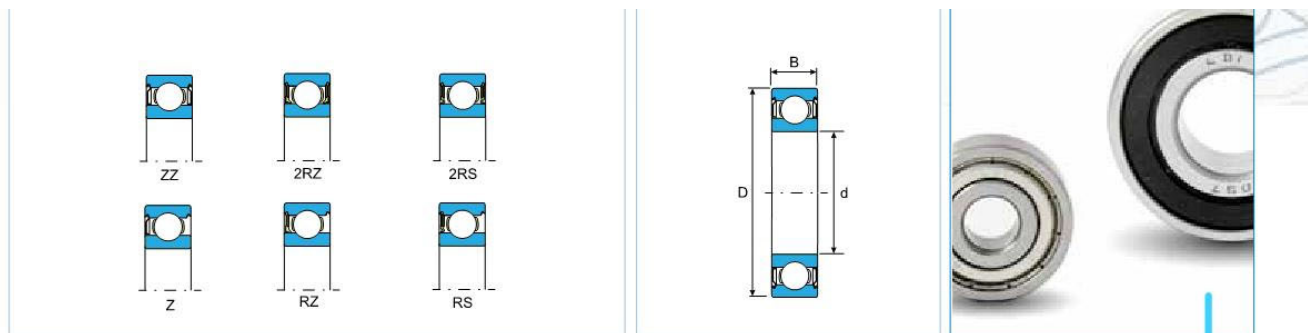
*Cuscinetti radiali ad una corona di sfere, schermati*

| Dimension<br>Dimensione |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Speed limit*<br>Velocità limite* | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla                        |                                                     |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|----------------------------------|--------------------------|---------------------------------------------|-----------------------------------------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> |                                  |                          | One side<br>shield<br>Schermo<br>su un lato | Two<br>side shield<br>Schermo<br>su entrambi i lati |
| 75                      | 115       | 20        | 40.77                                           | 32.83                               | 3230                             | 0.64                     | 6015-RS                                     | 6015-2RS                                            |
|                         | 130       | 25        | 67.53                                           | 48.02                               | 5035                             | 1.2                      | 6215-Z                                      | 6215-ZZ                                             |
|                         | 130       | 25        | 67.53                                           | 48.02                               | 3040                             | 1.2                      | 6215-RS                                     | 6215-2RS                                            |
|                         | 160       | 37        | 116.62                                          | 74.97                               | 4275                             | 3                        | 6315-Z                                      | 6315-ZZ                                             |
|                         | 160       | 37        | 116.62                                          | 74.97                               | 2660                             | 3                        | 6315-RS                                     | 6315-2RS                                            |
| 80                      | 100       | 10        | 12.8                                            | 14.7                                | 5985                             | 0.15                     | -                                           | 61816-2RZ                                           |
|                         | 100       | 10        | 12.8                                            | 14.7                                | 3420                             | 0.15                     | -                                           | 61816-2RS                                           |
|                         | 110       | 16        | 24.6                                            | 20                                  | 5700                             | 0.4                      | -                                           | 61916-2RZ                                           |
|                         | 110       | 16        | 24.6                                            | 20                                  | 3230                             | 0.4                      | -                                           | 61916-2RS                                           |
|                         | 125       | 22        | 48.5                                            | 39.2                                | 3040                             | 0.85                     | 6016-RS                                     | 6016-2RS                                            |
|                         | 140       | 26        | 71.4                                            | 53.9                                | 4560                             | 1.4                      | 6216-Z                                      | 6216-ZZ                                             |
|                         | 125       | 22        | 48.5                                            | 39.2                                | 5320                             | 0.85                     | 6016-Z                                      | 6016-ZZ                                             |
|                         | 140       | 26        | 71.4                                            | 53.9                                | 2850                             | 1.4                      | 6216-RS                                     | 6216-2RS                                            |
|                         | 170       | 39        | 127.4                                           | 84.8                                | 4085                             | 3.6                      | 6316-Z                                      | 6316-ZZ                                             |
|                         | 170       | 39        | 127.4                                           | 84.8                                | 2470                             | 3.6                      | 6316-RS                                     | 6316-2RS                                            |
| 85                      | 110       | 13        | 19.2                                            | 20.4                                | 5700                             | 0.27                     | -                                           | 61817-2RZ                                           |
|                         | 110       | 13        | 19.2                                            | 20.4                                | 3230                             | 0.27                     | -                                           | 61817-2RS                                           |
|                         | 130       | 22        | 51                                              | 42.2                                | 5035                             | 0.89                     | 6017-Z                                      | 6017-ZZ                                             |
|                         | 130       | 22        | 51                                              | 42.2                                | 2850                             | 0.89                     | 6017-RS                                     | 6017-2RS                                            |
|                         | 150       | 28        | 85.4                                            | 62.8                                | 4275                             | 1.8                      | 6217-Z                                      | 6217-ZZ                                             |
|                         | 150       | 28        | 85.4                                            | 62.8                                | 2660                             | 1.8                      | 6217-RS                                     | 6217-2RS                                            |
|                         | 180       | 41        | 137.2                                           | 94.6                                | 3800                             | 4.25                     | 6317-Z                                      | 6317-ZZ                                             |
|                         | 180       | 41        | 137.2                                           | 94.6                                | 2280                             | 4.25                     | 6317-RS                                     | 6317-2RS                                            |
| 90                      | 115       | 13        | 19.2                                            | 21.6                                | 5320                             | 0.28                     | -                                           | 61818-2RZ                                           |
|                         | 115       | 13        | 19.2                                            | 21.6                                | 3040                             | 0.28                     | -                                           | 61818-2RS                                           |
|                         | 140       | 24        | 59.3                                            | 49                                  | 4750                             | 1.15                     | 6018-Z                                      | 6018-ZZ                                             |
|                         | 140       | 24        | 59.3                                            | 49                                  | 2660                             | 1.15                     | 6018-RS                                     | 6018-2RS                                            |
|                         | 160       | 30        | 99                                              | 72.1                                | 4085                             | 2.15                     | 6218-Z                                      | 6218-ZZ                                             |
|                         | 160       | 30        | 99                                              | 72.1                                | 2470                             | 2.15                     | 6218-RS                                     | 6218-2RS                                            |
|                         | 190       | 43        | 148                                             | 105.9                               | 3610                             | 4.9                      | 6318-Z                                      | 6318-ZZ                                             |
|                         | 190       | 43        | 148                                             | 105.9                               | 2280                             | 4.9                      | 6318-RS                                     | 6318-2RS                                            |
| 95                      | 120       | 13        | 19.6                                            | 22.4                                | 5035                             | 0.3                      | -                                           | 61819-2RZ                                           |
|                         | 120       | 13        | 19.6                                            | 22.4                                | 2850                             | 0.3                      | -                                           | 61819-2RS                                           |
|                         | 130       | 18        | 33.2                                            | 32.9                                | 2850                             | 0.61                     | -                                           | 61919-2RS                                           |
|                         | 145       | 24        | 62.5                                            | 53                                  | 4560                             | 1.2                      | 6019-Z                                      | 6019-ZZ                                             |
|                         | 145       | 24        | 62.5                                            | 53                                  | 2660                             | 1.2                      | 6019-RS                                     | 6019-2RS                                            |
|                         | 170       | 32        | 111.8                                           | 79.9                                | 3800                             | 2.6                      | 6219-Z                                      | 6219-ZZ                                             |
|                         | 170       | 32        | 111.8                                           | 79.9                                | 2280                             | 2.6                      | 6219-RS                                     | 6219-2RS                                            |
|                         | 200       | 45        | 155.9                                           | 115.7                               | 3420                             | 5.65                     | 6319-Z                                      | 6319-ZZ                                             |
|                         | 200       | 45        | 155.9                                           | 115.7                               | 2090                             | 5.65                     | 6319-RS                                     | 6319-2RS                                            |

\* For one side shield bearings speed limit, use the same value of open bearings

\* Per i cuscinetti schermati solo da un lato sono valide le velocità limite dei cuscinetti aperti

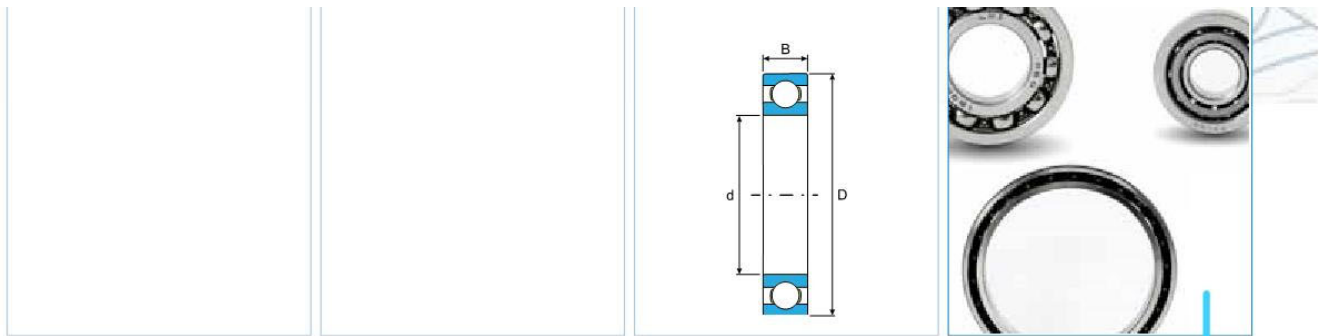
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## Sealed radial deep groove ball bearings

*Cuscinetti radiali ad una corona di sfere, schermati*

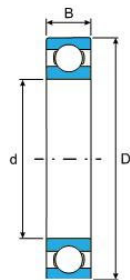
| Dimension<br>Dimensione |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Velocità limite*<br>Speed limit* | Peso (Kg)<br>Weight (kg) | Designation<br>Sigla                        |                                                     |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|----------------------------------|--------------------------|---------------------------------------------|-----------------------------------------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dinamico<br>Dynamic<br>C                        | Statico<br>Static<br>C <sub>0</sub> |                                  |                          | One side<br>shield<br>Schermo<br>su un lato | Two<br>side shield<br>Schermo<br>su entrambi i lati |
| <b>100</b>              | 125       | 13        | 19.6                                            | 23.6                                | 5035                             | 0.31                     | -                                           | <b>61820-2RZ</b>                                    |
|                         | 125       | 13        | 19.6                                            | 23.6                                | 2850                             | 0.31                     | -                                           | <b>61820-2RS</b>                                    |
|                         | 150       | 24        | 62.5                                            | 53                                  | 4275                             | 1.25                     | <b>6020-Z</b>                               | <b>6020-ZZ</b>                                      |
|                         | 150       | 24        | 62.5                                            | 53                                  | 2470                             | 1.25                     | <b>6020-RS</b>                              | <b>6020-2RS</b>                                     |
|                         | 180       | 34        | 124.5                                           | 91.2                                | 3610                             | 3.15                     | <b>6220-Z</b>                               | <b>6220-ZZ</b>                                      |
|                         | 180       | 34        | 124.5                                           | 91.2                                | 2280                             | 3.15                     | <b>6220-RS</b>                              | <b>6220-2RS</b>                                     |
| <b>105</b>              | 130       | 13        | 20.4                                            | 19.3                                | 4750                             | 0.32                     | -                                           | <b>61821-2RZ</b>                                    |
|                         | 130       | 13        | 20.4                                            | 19.3                                | 2660                             | 0.32                     | -                                           | <b>61821-2RS</b>                                    |
|                         | 160       | 26        | 74.6                                            | 64.2                                | 4085                             | 1.6                      | <b>6021-Z</b>                               | <b>6021-ZZ</b>                                      |
|                         | 160       | 26        | 74.6                                            | 64.2                                | 2280                             | 1.6                      | <b>6021-RS</b>                              | <b>6021-2RS</b>                                     |
|                         | 180       | 36        | 137.2                                           | 102                                 | 3420                             | 3.7                      | <b>6221-Z</b>                               | <b>6221-ZZ</b>                                      |
|                         | 190       | 36        | 137.2                                           | 102                                 | 2090                             | 3.7                      | <b>6221-RS</b>                              | <b>6221-2RS</b>                                     |
|                         | 225       | 49        | 178.4                                           | 150                                 | 3040                             | 8.25                     | <b>6321-Z</b>                               | <b>6321-ZZ</b>                                      |
| <b>110</b>              | 140       | 16        | 27.6                                            | 25.5                                | 4275                             | 0.6                      | -                                           | <b>61822-2RZ</b>                                    |
|                         | 140       | 16        | 27.6                                            | 25.5                                | 2470                             | 0.6                      | -                                           | <b>61822-2RS</b>                                    |
|                         | 170       | 28        | 83.5                                            | 72.1                                | 3800                             | 1.95                     | <b>6022-Z</b>                               | <b>6022-ZZ</b>                                      |
|                         | 170       | 28        | 83.5                                            | 72.1                                | 2280                             | 1.95                     | <b>6022-RS</b>                              | <b>6022-2RS</b>                                     |
|                         | 200       | 38        | 148                                             | 1095.7                              | 3230                             | 4.35                     | <b>6222-Z</b>                               | <b>6222-ZZ</b>                                      |
| <b>120</b>              | 150       | 16        | 28.6                                            | 27.5                                | 4085                             | 0.65                     | -                                           | <b>61824-2RZ</b>                                    |
|                         | 150       | 16        | 28.6                                            | 27.5                                | 2280                             | 0.65                     | -                                           | <b>61824-2RS</b>                                    |
|                         | 180       | 28        | 86.7                                            | 78.4                                | 3810                             | 2.05                     | <b>6024-Z</b>                               | <b>6024-ZZ</b>                                      |
|                         | 180       | 28        | 86.7                                            | 78.4                                | 2090                             | 2.05                     | <b>6024-RS</b>                              | <b>6024-2RS</b>                                     |
|                         | 215       | 40        | 143.1                                           | 115.7                               | 3040                             | 5.15                     | <b>6224-Z</b>                               | <b>6224-ZZ</b>                                      |
| <b>130</b>              | 165       | 18        | 37                                              | 42.2                                | 3610                             | 0.93                     | -                                           | <b>61826-2RZ</b>                                    |
|                         | 165       | 18        | 37                                              | 42.2                                | 2090                             | 0.93                     | -                                           | <b>61826-2RS</b>                                    |
|                         | 200       | 33        | 109.8                                           | 98                                  | 3230                             | 3.15                     | <b>6026-Z</b>                               | <b>6026-ZZ</b>                                      |
|                         | 200       | 33        | 109.8                                           | 98                                  | 1900                             | 3.15                     | <b>6026-RS</b>                              | <b>6026-2RS</b>                                     |
|                         | 230       | 40        | 152.9                                           | 129.4                               | 2850                             | 5.8                      | <b>6226-Z</b>                               | <b>6226-ZZ</b>                                      |
| <b>140</b>              | 175       | 18        | 38.3                                            | 45.6                                | 3420                             | 0.99                     | -                                           | <b>61828-2RZ</b>                                    |
|                         | 175       | 18        | 38.3                                            | 45.6                                | 1900                             | 0.99                     | -                                           | <b>61828-2RS</b>                                    |
|                         | 210       | 33        | 108.8                                           | 105.9                               | 3040                             | 3.35                     | <b>6028-Z</b>                               | <b>6028-ZZ</b>                                      |
|                         | 210       | 33        | 108.8                                           | 105.9                               | 1710                             | 3.35                     | <b>6028-RS</b>                              | <b>6028-2RS</b>                                     |
| <b>150</b>              | 225       | 35        | 122.5                                           | 122.5                               | 2850                             | 4.8                      | <b>6030-Z</b>                               | <b>6030-ZZ</b>                                      |
|                         | 225       | 35        | 122.5                                           | 122.5                               | 1615                             | 4.8                      | <b>6030-RS</b>                              | <b>6030-2RS</b>                                     |
| <b>160</b>              | 240       | 38        | 140.2                                           | 140.2                               | 2660                             | 5.9                      | <b>6032-Z</b>                               | <b>6032-ZZ</b>                                      |
|                         | 240       | 38        | 140.2                                           | 140.2                               | 1520                             | 5.9                      | <b>6032-RS</b>                              | <b>6032-2RS</b>                                     |



## Radial stainless steel deep groove ball bearings

*Cuscinetti radiali ad una corona di sfere, in acciaio inossidabile*

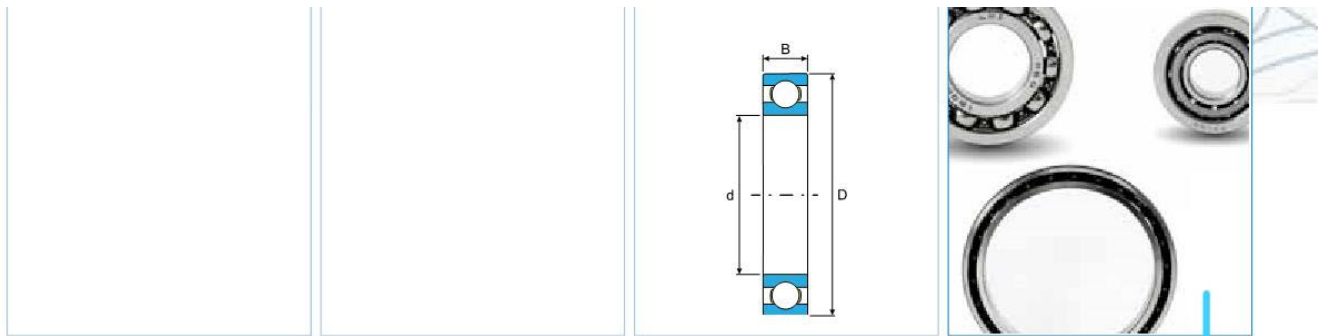
| Dimension<br>Dimensione |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Speed limit (Rpm)<br>Velocità limite (giri/min) |             | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|-------------------------------------------------|-------------|--------------------------|----------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> | Lubrication<br>Lubrificazione                   |             |                          |                      |
|                         |           |           |                                                 |                                     | Grease<br>Grasso                                | Oil<br>Olio |                          |                      |
| 1                       | 3         | 1         | 0.055                                           | 0.017                               | 114750                                          | 135000      | 0.000036                 | SS 618/1             |
| 2                       | 5         | 1.5       | 0.153                                           | 0.047                               | 91800                                           | 108000      | 0.00015                  | SS 618/2             |
| 3                       | 6         | 3         | 0.212                                           | 0.083                               | 76500                                           | 90000       | 0.00035                  | SS 637/3             |
|                         | 10        | 4         | 0.382                                           | 0.126                               | 61200                                           | 72000       | 0.0016                   | SS 623               |
| 4                       | 9         | 2.5       | 0.440                                           | 0.170                               | 65025                                           | 76500       | 0.0007                   | SS 618/4             |
|                         | 11        | 4         | 0.593                                           | 0.220                               | 61200                                           | 72000       | 0.0019                   | SS 619/4             |
|                         | 12        | 4         | 0.662                                           | 0.265                               | 57375                                           | 67500       | 0.0024                   | SS 604               |
|                         | 13        | 5         | 0.777                                           | 0.274                               | 51255                                           | 60300       | 0.0031                   | SS 624               |
| 5                       | 11        | 3         | 0.529                                           | 0.240                               | 57375                                           | 67500       | 0.0012                   | SS 618/5             |
|                         | 13        | 4         | 0.726                                           | 0.319                               | 51255                                           | 60300       | 0.0023                   | SS 619/5             |
|                         | 16        | 5         | 0.905                                           | 0.358                               | 45900                                           | 54000       | 0.005                    | SS 625               |
|                         | 19        | 6         | 1.823                                           | 0.897                               | 38250                                           | 45000       | 0.009                    | SS 635               |
| 6                       | 13        | 3.5       | 0.726                                           | 0.328                               | 51255                                           | 60300       | 0.002                    | SS 618/6             |
|                         | 15        | 5         | 1.019                                           | 0.446                               | 48195                                           | 56700       | 0.0039                   | SS 619/6             |
|                         | 19        | 6         | 1.823                                           | 0.897                               | 38250                                           | 45000       | 0.0084                   | SS 626               |
| 7                       | 14        | 3.5       | 0.790                                           | 0.382                               | 48195                                           | 56700       | 0.0022                   | SS 618/7             |
|                         | 17        | 5         | 1.215                                           | 0.529                               | 42840                                           | 50400       | 0.0049                   | SS 619/7             |
|                         | 19        | 6         | 1.823                                           | 0.897                               | 40545                                           | 47700       | 0.0075                   | SS 607               |
|                         | 22        | 7         | 2.705                                           | 1.294                               | 34425                                           | 40500       | 0.013                    | SS 627               |
| 8                       | 16        | 4         | 1.098                                           | 0.539                               | 42840                                           | 50400       | 0.003                    | SS 618/8             |
|                         | 19        | 6         | 1.558                                           | 0.896                               | 38250                                           | 45000       | 0.0071                   | SS 619/8             |
|                         | 22        | 7         | 2.705                                           | 1.294                               | 36720                                           | 43200       | 0.012                    | SS 608               |
| 9                       | 17        | 4         | 1.166                                           | 0.608                               | 40545                                           | 47700       | 0.0034                   | SS 618/9             |
|                         | 20        | 6         | 1.705                                           | 0.813                               | 36720                                           | 43200       | 0.0076                   | SS 619/9             |
|                         | 24        | 7         | 3.058                                           | 1.568                               | 32895                                           | 38700       | 0.014                    | SS 609               |
|                         | 26        | 8         | 3.822                                           | 1.862                               | 29070                                           | 34200       | 0.02                     | SS 629               |
| 10                      | 15        | 3         | 0.701                                           | 0.417                               | 42840                                           | 50400       | 0.0014                   | SS 61700             |
|                         | 19        | 5         | 1.117                                           | 0.559                               | 36720                                           | 43200       | 0.0055                   | SS 61800             |
|                         | 22        | 6         | 1.705                                           | 0.799                               | 34425                                           | 40500       | 0.01                     | SS 61900             |
|                         | 26        | 8         | 3.822                                           | 1.862                               | 30600                                           | 36000       | 0.019                    | SS 6000              |
|                         | 30        | 9         | 4.145                                           | 2.234                               | 26010                                           | 30600       | 0.032                    | SS 6200              |
|                         | 35        | 11        | 6.625                                           | 3.185                               | 24480                                           | 28800       | 0.053                    | SS 6300              |
| 12                      | 21        | 5         | 1.186                                           | 0.627                               | 32895                                           | 38700       | 0.0063                   | SS 61801             |
|                         | 24        | 6         | 1.862                                           | 0.931                               | 30600                                           | 36000       | 0.011                    | SS 61901             |
|                         | 28        | 8         | 4.145                                           | 2.234                               | 29070                                           | 34200       | 0.022                    | SS 6001              |
|                         | 32        | 10        | 5.733                                           | 2.940                               | 24480                                           | 28800       | 0.037                    | SS 6201              |
|                         | 37        | 12        | 8.026                                           | 3.969                               | 21420                                           | 25200       | 0.06                     | SS 6301              |
| 15                      | 24        | 5         | 1.274                                           | 0.764                               | 29070                                           | 34200       | 0.0074                   | SS 61802             |
|                         | 28        | 7         | 3.567                                           | 2.117                               | 26010                                           | 30600       | 0.016                    | SS 61902             |
|                         | 32        | 9         | 4.586                                           | 2.895                               | 24480                                           | 28800       | 0.03                     | SS 6002              |
|                         | 36        | 11        | 6.370                                           | 3.577                               | 21420                                           | 25200       | 0.045                    | SS 6202              |
|                         | 42        | 13        | 9.369                                           | 5.096                               | 18360                                           | 21600       | 0.085                    | SS 6302              |



## Radial stainless steel deep groove ball bearings

*Cuscinetti radiali ad una corona di sfere, in acciaio inossidabile*

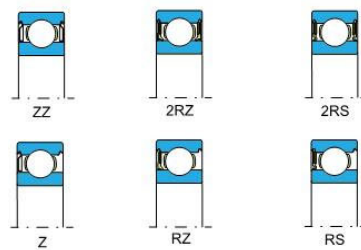
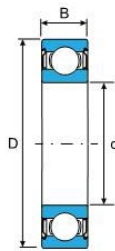
| Dimension<br>Dimensione |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Speed limit (Rpm)<br>Velocità limite (giri/min) |             | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|-------------------------------------------------|-------------|--------------------------|----------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> | Lubrication<br>Lubrificazione                   |             |                          |                      |
|                         |           |           |                                                 |                                     | Grease<br>Grasso                                | Oil<br>Olio |                          |                      |
| 17                      | 26        | 5         | 2.75                                            | 1.69                                | 21420                                           | 25200       | 0.008                    | SS 61803             |
|                         | 30        | 7         | 3.822                                           | 2.401                               | 21420                                           | 25200       | 0.018                    | SS 61903             |
|                         | 35        | 10        | 4.969                                           | 3.087                               | 21420                                           | 25200       | 0.039                    | SS 6003              |
|                         | 40        | 12        | 7.899                                           | 4.557                               | 18360                                           | 21600       | 0.065                    | SS 6203              |
|                         | 47        | 14        | 11.172                                          | 6.174                               | 16830                                           | 19800       | 0.12                     | SS 6303              |
| 20                      | 32        | 7         | 3.312                                           | 2.195                               | 20160                                           | 25200       | 0.018                    | SS 61804             |
|                         | 37        | 9         | 6.27                                            | 3.63                                | 16560                                           | 20700       | 0.036                    | SS 61904             |
|                         | 42        | 12        | 7.771                                           | 4.802                               | 17280                                           | 21600       | 0.069                    | SS 6004              |
|                         | 47        | 14        | 10.584                                          | 6.272                               | 14400                                           | 18000       | 0.11                     | SS 6204              |
|                         | 52        | 15        | 13.230                                          | 7.497                               | 13680                                           | 17100       | 0.14                     | SS 6304              |
| 25                      | 37        | 7         | 4.21                                            | 2.89                                | 15120                                           | 18900       | 0.022                    | SS 61805             |
|                         | 42        | 9         | 5.802                                           | 4.067                               | 15840                                           | 19800       | 0.045                    | SS 61905             |
|                         | 47        | 12        | 8.350                                           | 5.586                               | 14400                                           | 18000       | 0.08                     | SS 6005              |
|                         | 52        | 15        | 11.662                                          | 7.497                               | 12960                                           | 16200       | 0.13                     | SS 6205              |
|                         | 62        | 17        | 16.856                                          | 10.584                              | 11520                                           | 14400       | 0.23                     | SS 6305              |
| 30                      | 42        | 7         | 4.61                                            | 3.58                                | 12960                                           | 16200       | 0.026                    | SS 61806             |
|                         | 47        | 9         | 7.11                                            | 4.9                                 | 12240                                           | 15300       | 0.048                    | SS 61906             |
|                         | 55        | 13        | 10.878                                          | 7.840                               | 12240                                           | 15300       | 0.12                     | SS 6006              |
|                         | 62        | 16        | 15.974                                          | 10.584                              | 10800                                           | 13500       | 0.2                      | SS 6206              |
|                         | 72        | 19        | 22.050                                          | 14.308                              | 9360                                            | 11700       | 0.35                     | SS 6306              |
| 35                      | 47        | 7         | 4.8                                             | 3.97                                | 11520                                           | 14400       | 0.029                    | SS 61807             |
|                         | 55        | 10        | 10.98                                           | 7.31                                | 10800                                           | 13500       | 0.74                     | SS 61907             |
|                         | 62        | 14        | 13.230                                          | 9.800                               | 10800                                           | 13500       | 0.16                     | SS 6007              |
|                         | 72        | 17        | 21.168                                          | 14.308                              | 9360                                            | 11700       | 0.29                     | SS 6207              |
|                         | 80        | 21        | 32.83                                           | 18.72                               | 7200                                            | 9000        | 0.457                    | SS 6307              |
| 40                      | 52        | 7         | 5                                               | 4.31                                | 10080                                           | 12600       | 0.033                    | SS 61808             |
|                         | 62        | 12        | 14.31                                           | 10                                  | 9360                                            | 11700       | 0.11                     | SS 61908             |
|                         | 68        | 15        | 13.720                                          | 10.584                              | 10080                                           | 12600       | 0.19                     | SS 6008              |
|                         | 80        | 18        | 24.206                                          | 16.954                              | 7920                                            | 9900        | 0.37                     | SS 6208              |
|                         | 90        | 23        | 39.69                                           | 23.52                               | 6624                                            | 8280        | 0.63                     | SS 6308              |
| 45                      | 58        | 7         | 6.27                                            | 5.54                                | 8640                                            | 10800       | 0.04                     | SS 61809             |
|                         | 68        | 12        | 15.1                                            | 11.2                                | 8640                                            | 10800       | 0.128                    | SS 61909             |
|                         | 75        | 16        | 17.444                                          | 14.308                              | 8640                                            | 10800       | 0.25                     | SS 6009              |
|                         | 85        | 19        | 27.048                                          | 19.208                              | 7920                                            | 9900        | 0.41                     | SS 6209              |
|                         | 100       | 25        | 53                                              | 32                                  | 5904                                            | 7380        | 0.814                    | SS 6309              |
| 50                      | 65        | 7         | 6.47                                            | 5.98                                | 7920                                            | 9900        | 0.052                    | SS 61810             |
|                         | 72        | 12        | 15.29                                           | 11.96                               | 7920                                            | 9900        | 0.132                    | SS 61910             |
|                         | 80        | 16        | 17.836                                          | 15.680                              | 7920                                            | 9900        | 0.26                     | SS 6010              |
|                         | 90        | 20        | 29.008                                          | 21.952                              | 7200                                            | 9000        | 0.46                     | SS 6210              |
|                         | 100       | 25        | 60.76                                           | 37.73                               | 5400                                            | 6750        | 1.07                     | SS 6310              |



## Radial stainless steel deep groove ball bearings

*Cuscinetti radiali ad una corona di sfere, in acciaio inossidabile*

| Dimension<br>Dimensione |           |           | Load rating (kN)<br>Coefficiente di carico (kN) |                                     | Speed limit (Rpm)<br>Velocità limite (giri/min) |             | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|-------------------------------------------------|-------------|--------------------------|----------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> | Lubrication<br>Lubrificazione                   |             |                          |                      |
|                         |           |           |                                                 |                                     | Grease<br>Grasso                                | Oil<br>Olio |                          |                      |
| 55                      | 72        | 9         | 8.624                                           | 7.938                               | 7200                                            | 9000        | 0.083                    | SS 61811             |
|                         | 80        | 13        | 15.68                                           | 13.034                              | 6912                                            | 8640        | 0.18                     | SS 61911             |
|                         | 90        | 18        | 27.734                                          | 20.776                              | 6480                                            | 8100        | 0.388                    | SS 6011              |
|                         | 100       | 21        | 42.63                                           | 28.616                              | 5472                                            | 6840        | 0.601                    | SS 6211              |
|                         | 120       | 29        | 70.07                                           | 44.1                                | 4896                                            | 6120        | 1.37                     | SS 6311              |
| 60                      | 78        | 10        | 11.27                                           | 10.388                              | 6768                                            | 8460        | 0.106                    | SS 61812             |
|                         | 85        | 13        | 16.072                                          | 14.014                              | 6408                                            | 8010        | 0.193                    | SS 61912             |
|                         | 95        | 18        | 28.91                                           | 22.736                              | 5976                                            | 7470        | 0.414                    | SS 6012              |
|                         | 110       | 22        | 51.45                                           | 35.28                               | 5040                                            | 6300        | 0.783                    | SS 6212              |
| 65                      | 85        | 10        | 11.368                                          | 10.78                               | 6264                                            | 7830        | 0.128                    | SS 61813             |
|                         | 90        | 13        | 17.052                                          | 15.778                              | 5904                                            | 7380        | 0.206                    | SS 61913             |
|                         | 100       | 18        | 29.89                                           | 24.696                              | 5544                                            | 6930        | 0.421                    | SS 6013              |
|                         | 120       | 23        | 56.35                                           | 39.2                                | 4680                                            | 5850        | 0.99                     | SS 6213              |
| 70                      | 90        | 10        | 11.858                                          | 11.662                              | 5832                                            | 7290        | 0.137                    | SS 61814             |
|                         | 100       | 16        | 23.226                                          | 20.776                              | 5544                                            | 6930        | 0.334                    | SS 61914             |
|                         | 110       | 20        | 37.24                                           | 30.38                               | 5112                                            | 6390        | 0.604                    | SS 6014              |
| 75                      | 95        | 10        | 12.25                                           | 12.642                              | 5472                                            | 6840        | 0.145                    | SS 61815             |
|                         | 105       | 16        | 23.912                                          | 22.148                              | 5184                                            | 6480        | 0.353                    | SS 61915             |
| 80                      | 100       | 10        | 12.446                                          | 13.034                              | 5112                                            | 6390        | 0.154                    | SS 61816             |
|                         | 110       | 16        | 24.402                                          | 23.52                               | 4824                                            | 6030        | 0.373                    | SS 61916             |



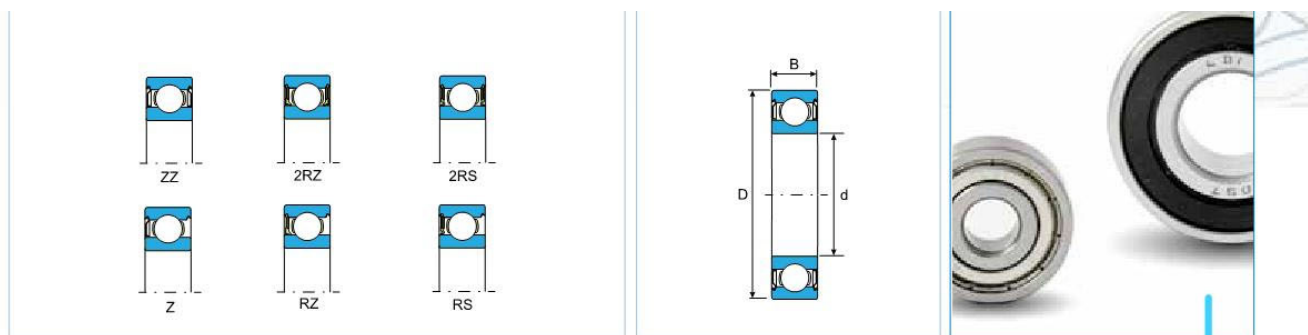
## Sealed radial stainless steel deep groove ball bearings

*Cuscinetti radiali ad una corona di sfere in acciaio inossidabile schermati*

| Dimension<br>Dimensioni |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Speed limit*<br>Velocità limite* | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|----------------------------------|--------------------------|----------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> |                                  |                          |                      |
| 1.5                     | 4         | 2         | 0.112                                           | 0.033                               | 104500                           | 0.00014                  | SS 638/1.5-ZZ        |
| 2                       | 5         | 2.3       | 0.153                                           | 0.047                               | 90250                            | 0.00018                  | SS 638/2-ZZ          |
|                         | 6         | 2.3       | 0.233                                           | 0.074                               | 85500                            | 0.00035                  | SS 619/2-ZZ          |
|                         | 6         | 3         | 0.233                                           | 0.074                               | 85500                            | 0.00035                  | SS 639/2-ZZ          |
| 3                       | 6         | 3         | 0.212                                           | 0.083                               | 76000                            | 0.00035                  | SS 637/3-ZZ          |
|                         | 7         | 3         | 0.212                                           | 0.083                               | 76000                            | 0.00045                  | SS 638/3-ZZ          |
|                         | 8         | 3         | 0.382                                           | 0.126                               | 71250                            | 0.00067                  | SS 619/3-ZZ          |
|                         | 8         | 4         | 0.382                                           | 0.126                               | 71250                            | 0.0008                   | SS 639/3-ZZ          |
|                         | 10        | 4         | 0.382                                           | 0.126                               | 59850                            | 0.0015                   | SS 623-ZZ            |
| 4                       | 9         | 3.5       | 0.440                                           | 0.170                               | 66500                            | 0.001                    | SS 628/4-ZZ          |
|                         | 9         | 4         | 0.440                                           | 0.170                               | 66500                            | 0.001                    | SS 638/4-ZZ          |
|                         | 11        | 4         | 0.593                                           | 0.220                               | 59850                            | 0.0017                   | SS 619/4-ZZ          |
|                         | 12        | 4         | 0.662                                           | 0.265                               | 57000                            | 0.0023                   | SS 604-ZZ            |
|                         | 13        | 5         | 0.777                                           | 0.274                               | 50350                            | 0.0031                   | SS 624-ZZ            |
|                         | 13        | 5         | 0.777                                           | 0.274                               | 30400                            | 0.0031                   | SS 624-2RS           |
|                         | 16        | 5         | 0.905                                           | 0.358                               | 45600                            | 0.0054                   | SS 634-ZZ            |
| 5                       | 8         | 2.5       | 0.137                                           | 0.056                               | 66500                            | 0.00034                  | SS 627/5-ZZ          |
|                         | 11        | 4         | 0.529                                           | 0.240                               | 57000                            | 0.00062                  | SS 628/5-ZZ          |
|                         | 11        | 5         | 0.529                                           | 0.240                               | 57000                            | 0.0019                   | SS 638/5-ZZ          |
|                         | 13        | 4         | 0.726                                           | 0.319                               | 50350                            | 0.0025                   | SS 619/5-ZZ          |
|                         | 16        | 5         | 0.905                                           | 0.358                               | 45600                            | 0.005                    | SS 625-ZZ            |
|                         | 16        | 5         | 0.905                                           | 0.358                               | 26600                            | 0.005                    | SS 625-2RS           |
|                         | 19        | 6         | 1.823                                           | 0.897                               | 38000                            | 0.009                    | SS 635-ZZ            |
| 6                       | 10        | 3         | 0.313                                           | 0.134                               | 57000                            | 0.0007                   | SS 627/6-ZZ          |
|                         | 13        | 5         | 0.726                                           | 0.328                               | 50350                            | 0.0027                   | SS 628/6-ZZ          |
|                         | 15        | 5         | 1.019                                           | 0.448                               | 47500                            | 0.0037                   | SS 619/6-ZZ          |
|                         | 19        | 6         | 1.823                                           | 0.897                               | 38000                            | 0.0087                   | SS 626-ZZ            |
|                         | 19        | 6         | 1.823                                           | 0.897                               | 22800                            | 0.0087                   | SS 626-2RS           |
| 7                       | 11        | 3         | 0.285                                           | 0.124                               | 53200                            | 0.0007                   | SS 627/7-ZZ          |
|                         | 14        | 5         | 0.790                                           | 0.382                               | 47500                            | 0.003                    | SS 628/7-ZZ          |
|                         | 17        | 5         | 1.215                                           | 0.529                               | 42750                            | 0.005                    | SS 619/7-ZZ          |
|                         | 19        | 6         | 1.823                                           | 0.897                               | 40850                            | 0.0082                   | SS 607-ZZ            |
|                         | 19        | 6         | 1.823                                           | 0.897                               | 22800                            | 0.0082                   | SS 607-2RS           |
|                         | 22        | 7         | 2.705                                           | 1.294                               | 34200                            | 0.013                    | SS 627-ZZ            |
| 8                       | 16        | 5         | 1.098                                           | 0.539                               | 42750                            | 0.004                    | SS 628/8-ZZ          |
|                         | 16        | 6         | 1.098                                           | 0.539                               | 42750                            | 0.0043                   | SS 638/8-ZZ          |
|                         | 19        | 6         | 1.558                                           | 0.896                               | 38000                            | 0.0076                   | SS 619/8-ZZ          |
|                         | 22        | 7         | 2.705                                           | 1.294                               | 36100                            | 0.013                    | SS 608-ZZ            |
|                         | 22        | 7         | 2.705                                           | 1.294                               | 20900                            | 0.013                    | SS 608-2RS           |

\* For one side shield bearings speed limit, use the same value of open bearings

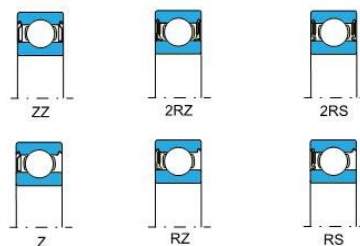
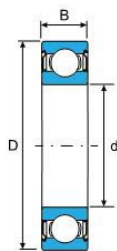
\* Per i cuscinetti schermati solo da un lato sono valide le velocità limite dei cuscinetti aperti



## Sealed radial stainless steel deep groove ball bearings

*Cuscinetti radiali ad una corona di sfere in acciaio inossidabile schermati*

| Dimension<br>Dimensioni |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Speed limit*<br>Velocità limite* | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|----------------------------------|--------------------------|----------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> |                                  |                          |                      |
| 8                       | 17        | 5         | 1.166                                           | 0.608                               | 40850                            | 0.0044                   | SS 628/8-ZZ          |
|                         | 20        | 6         | 1.705                                           | 0.813                               | 36100                            | 0.0085                   | SS 619/9-ZZ          |
|                         | 24        | 7         | 3.058                                           | 1.568                               | 32300                            | 0.018                    | SS 609-ZZ            |
|                         | 26        | 8         | 3.822                                           | 1.862                               | 28500                            | 0.022                    | SS 629-ZZ            |
| 10                      | 19        | 5         | 1.117                                           | 0.559                               | 36100                            | 0.0056                   | SS 61800-ZZ          |
|                         | 19        | 5         | 1.117                                           | 0.559                               | 20900                            | 0.0056                   | SS 61800-2RS         |
|                         | 19        | 7         | 1.117                                           | 0.559                               | 36100                            | 0.0074                   | SS 63800-ZZ          |
|                         | 22        | 6         | 1.705                                           | 0.799                               | 34200                            | 0.01                     | SS 61900-ZZ          |
|                         | 26        | 8         | 3.822                                           | 1.862                               | 32300                            | 0.019                    | SS 6000-ZZ           |
|                         | 26        | 8         | 3.822                                           | 1.862                               | 18050                            | 0.019                    | SS 6000-2RS          |
|                         | 30        | 9         | 4.145                                           | 2.24                                | 26600                            | 0.032                    | SS 6200-ZZ           |
|                         | 30        | 9         | 4.145                                           | 2.24                                | 16150                            | 0.032                    | SS 6200-2RS          |
|                         | 35        | 11        | 6.625                                           | 3.19                                | 24700                            | 0.053                    | SS 6300-ZZ           |
|                         | 35        | 11        | 6.625                                           | 3.19                                | 14250                            | 0.053                    | SS 6300-2RS          |
| 12                      | 21        | 5         | 1.18                                            | 0.63                                | 34200                            | 0.0065                   | SS 61801-ZZ          |
|                         | 24        | 6         | 1.87                                            | 0.94                                | 30400                            | 0.012                    | SS 61901-ZZ          |
|                         | 28        | 8         | 4.15                                            | 2.24                                | 28500                            | 0.022                    | SS 6001-ZZ           |
|                         | 28        | 8         | 4.15                                            | 2.25                                | 16150                            | 0.022                    | SS 6001-2RS          |
|                         | 32        | 10        | 5.74                                            | 2.94                                | 14250                            | 0.037                    | SS 6201-2RS          |
|                         | 32        | 10        | 5.74                                            | 2.94                                | 24700                            | 0.037                    | SS 6201-ZZ           |
|                         | 37        | 12        | 8.03                                            | 3.969                               | 20900                            | 0.06                     | SS 6301-ZZ           |
|                         | 37        | 12        | 8.03                                            | 3.969                               | 13300                            | 0.06                     | SS 6301-2RS          |
| 15                      | 24        | 5         | 1.23                                            | 0.78                                | 28500                            | 0.0076                   | SS 61802-ZZ          |
|                         | 28        | 7         | 3.57                                            | 2.12                                | 26600                            | 0.019                    | SS 61902-ZZ          |
|                         | 28        | 7         | 4.38                                            | 2.26                                | -                                | 0.019                    | SS 61902-2RS         |
|                         | 32        | 9         | 4.59                                            | 2.70                                | 24700                            | 0.03                     | SS 6002-ZZ           |
|                         | 32        | 9         | 5.86                                            | 2.86                                | -                                | 0.03                     | SS 6002-2RS          |
|                         | 35        | 11        | 6.38                                            | 3.58                                | 20900                            | 0.045                    | SS 6202-ZZ           |
|                         | 35        | 11        | 6.38                                            | 3.58                                | 12350                            | 0.045                    | SS 6202-2RS          |
|                         | 42        | 13        | 9.37                                            | 5.10                                | 18050                            | 0.082                    | SS 6302-ZZ           |
|                         | 42        | 13        | 9.37                                            | 5.10                                | 11400                            | 0.082                    | SS 6302-2RS          |
| 17                      | 26        | 5         | 2.75                                            | 1.69                                | 32300                            | 0.0082                   | SS 61803-ZZ          |
|                         | 26        | 5         | 2.75                                            | 1.69                                | 32300                            | 0.0082                   | SS 61803-2RS         |
|                         | 30        | 7         | 3.83                                            | 2.401                               | 30400                            | 0.019                    | SS 61903-ZZ          |
|                         | 35        | 10        | 4.97                                            | 3.11                                | 20900                            | 0.039                    | SS 6003-ZZ           |
|                         | 40        | 12        | 7.9                                             | 4.56                                | 18050                            | 0.065                    | SS 6203-ZZ           |
|                         | 47        | 14        | 11.18                                           | 6.18                                | 16150                            | 0.12                     | SS 6303-ZZ           |
|                         | 30        | 7         | 3.83                                            | 2.41                                | 13300                            | 0.019                    | SS 61903-2RS         |
|                         | 35        | 10        | 4.97                                            | 3.1                                 | 12350                            | 0.039                    | SS 6003-2RS          |
|                         | 40        | 12        | 7.9                                             | 4.6                                 | 11400                            | 0.065                    | SS 6203-2RS          |
|                         | 47        | 14        | 11.18                                           | 6.2                                 | 10450                            | 0.12                     | SS 6303-2RS          |



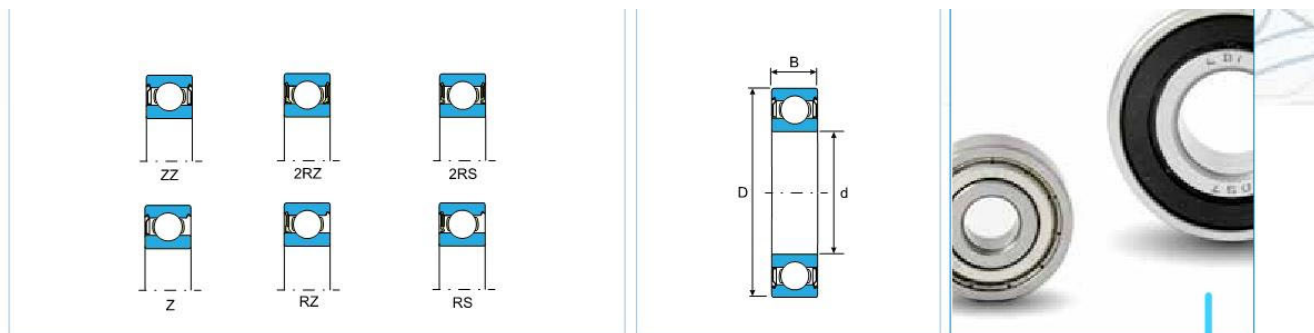
## Sealed radial stainless steel deep groove ball bearings

*Cuscinetti radiali ad una corona di sfere in acciaio inossidabile schermati*

| Dimension<br>Dimensioni |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Speed limit*<br>Velocità limite* | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|----------------------------------|--------------------------|----------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> |                                  |                          |                      |
| 20                      | 32        | 7         | 3.32                                            | 2.2                                 | 12350                            | 0.018                    | SS 61804-2RS         |
|                         | 37        | 9         | 5.29                                            | 3.5                                 | 11400                            | 0.04                     | SS 61904-ZZ          |
|                         | 37        | 9         | 5.29                                            | 3.5                                 | 11400                            | 0.04                     | SS 61904-2RS         |
|                         | 42        | 12        | 7.8                                             | 4.9                                 | 18050                            | 0.069                    | SS 6004-ZZ           |
|                         | 42        | 12        | 7.8                                             | 4.9                                 | 10450                            | 0.069                    | SS 6004-2RS          |
|                         | 47        | 14        | 10.6                                            | 6.3                                 | 16150                            | 0.11                     | SS 6204-ZZ           |
|                         | 47        | 14        | 10.6                                            | 6.3                                 | 9500                             | 0.11                     | SS 6204-2RS          |
|                         | 52        | 15        | 13.3                                            | 7.5                                 | 14250                            | 0.14                     | SS 6304-ZZ           |
|                         | 52        | 15        | 13.3                                            | 7.5                                 | 9025                             | 0.14                     | SS 6304-2RS          |
| 25                      | 37        | 7         | 4.6                                             | 3.58                                | 10500                            | 0.022                    | SS 61805-ZZ          |
|                         | 37        | 7         | 4.6                                             | 3.58                                | 10500                            | 0.022                    | SS 61805-2RS         |
|                         | 42        | 9         | 5.9                                             | 4.1                                 | 9500                             | 0.047                    | SS 61905-2RS         |
|                         | 47        | 12        | 8.4                                             | 5.6                                 | 15200                            | 0.08                     | SS 6005-ZZ           |
|                         | 47        | 12        | 8.4                                             | 5.6                                 | 9025                             | 0.08                     | SS 6005-2RS          |
|                         | 52        | 15        | 11.7                                            | 7.5                                 | 13300                            | 0.13                     | SS 6205-ZZ           |
|                         | 52        | 15        | 11.7                                            | 7.5                                 | 8075                             | 0.13                     | SS 6205-2RS          |
|                         | 62        | 17        | 16.9                                            | 10.6                                | 12350                            | 0.23                     | SS 6305-ZZ           |
|                         | 62        | 17        | 16.9                                            | 10.6                                | 7125                             | 0.23                     | SS 6305-2RS          |
| 30                      | 42        | 7         | 4.61                                            | 3.58                                | 12960                            | 0.026                    | SS 61806-ZZ          |
|                         | 42        | 7         | 4.61                                            | 3.58                                | 12960                            | 0.026                    | SS 61806-2RS         |
|                         | 47        | 9         | 7.11                                            | 4.9                                 | 12240                            | 0.048                    | SS 61906-ZZ          |
|                         | 47        | 9         | 7.11                                            | 4.9                                 | 12240                            | 0.048                    | SS 61906-2RS         |
|                         | 55        | 13        | 10.9                                            | 7.9                                 | 13300                            | 0.12                     | SS 6006-ZZ           |
|                         | 55        | 13        | 10.9                                            | 7.9                                 | 7600                             | 0.12                     | SS 6006-2RS          |
|                         | 62        | 16        | 16                                              | 10.6                                | 11400                            | 0.2                      | SS 6206-ZZ           |
|                         | 62        | 16        | 16                                              | 10.6                                | 7125                             | 0.2                      | SS 6206-2RS          |
|                         | 72        | 19        | 22.1                                            | 14.4                                | 10450                            | 0.35                     | SS 6306-ZZ           |
| 35                      | 47        | 7         | 4.8                                             | 3.97                                | 11520                            | 0.029                    | SS 61807-ZZ          |
|                         | 47        | 7         | 4.8                                             | 3.97                                | 11520                            | 0.029                    | SS 61807-2RS         |
|                         | 55        | 10        | 10.98                                           | 7.31                                | 10800                            | 0.74                     | SS 61907-ZZ          |
|                         | 55        | 10        | 10.98                                           | 7.31                                | 10800                            | 0.74                     | SS 61907-2RS         |
|                         | 62        | 14        | 13.3                                            | 9.9                                 | 11400                            | 0.16                     | SS 6007-ZZ           |
|                         | 62        | 14        | 13.3                                            | 9.9                                 | 6650                             | 0.16                     | SS 6007-2RS          |
|                         | 72        | 17        | 21.2                                            | 14.4                                | 9500                             | 0.29                     | SS 6207-ZZ           |
|                         | 72        | 17        | 21.2                                            | 14.4                                | 5985                             | 0.29                     | SS 6207-2RS          |
|                         | 80        | 21        | 32.83                                           | 18.72                               | 7200                             | 0.457                    | SS 6307-ZZ           |
| 80                      | 21        | 32.83     | 18.72                                           | 18.72                               | 7200                             | 0.457                    | SS 6307-2RS          |

\* For one side shield bearings speed limit, use the same value of open bearings

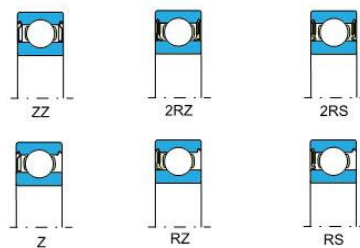
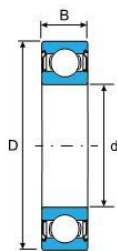
\* Per i cuscinetti schermati solo da un lato sono valide le velocità limite dei cuscinetti aperti



## Sealed radial stainless steel deep groove ball bearings

*Cuscinetti radiali ad una corona di sfere in acciaio inossidabile schermati*

| Dimension<br><i>Dimensioni</i> |           |           | Load rating (KN)<br><i>Coefficiente di carico (KN)</i> |                                            | Speed limit*<br><i>Velocità limite*</i> | Weight (kg)<br><i>Peso (Kg)</i> | Designation<br><i>Sigla</i> |
|--------------------------------|-----------|-----------|--------------------------------------------------------|--------------------------------------------|-----------------------------------------|---------------------------------|-----------------------------|
| d<br>(mm)                      | D<br>(mm) | B<br>(mm) | Dynamic<br><i>Dinamico</i><br>C                        | Static<br><i>Statico</i><br>C <sub>0</sub> |                                         |                                 |                             |
| 40                             | 52        | 7         | 5                                                      | 4.31                                       | 10080                                   | 0.033                           | SS 61808-ZZ                 |
|                                | 52        | 7         | 5                                                      | 4.31                                       | 10080                                   | 0.033                           | SS 61808-2RS                |
|                                | 62        | 12        | 14.31                                                  | 10                                         | 9360                                    | 0.11                            | SS 61908-ZZ                 |
|                                | 62        | 12        | 14.31                                                  | 10                                         | 9360                                    | 0.11                            | SS 61908-2RS                |
|                                | 68        | 15        | 13.8                                                   | 10.6                                       | 10450                                   | 0.19                            | SS 6008-ZZ                  |
|                                | 68        | 15        | 13.8                                                   | 10.6                                       | 5985                                    | 0.19                            | SS 6008-2RS                 |
|                                | 80        | 18        | 24.3                                                   | 17                                         | 8550                                    | 0.37                            | SS 6208-ZZ                  |
|                                | 80        | 18        | 24.2                                                   | 17                                         | 5320                                    | 0.37                            | SS 6208-2RS                 |
|                                | 90        | 23        | 39.69                                                  | 23.52                                      | 6624                                    | 0.63                            | SS 6308-ZZ                  |
|                                | 90        | 23        | 39.69                                                  | 23.52                                      | 6624                                    | 0.63                            | SS 6308-2RS                 |
| 45                             | 58        | 7         | 6.27                                                   | 5.54                                       | 8640                                    | 0.04                            | SS 61809-ZZ                 |
|                                | 58        | 7         | 6.27                                                   | 5.54                                       | 8640                                    | 0.04                            | SS 61809-2RS                |
|                                | 68        | 12        | 15.1                                                   | 11.2                                       | 8640                                    | 0.128                           | SS 61909-ZZ                 |
|                                | 68        | 12        | 15.1                                                   | 11.2                                       | 8640                                    | 0.128                           | SS 61909-2RS                |
|                                | 75        | 16        | 17.5                                                   | 14.4                                       | 9500                                    | 0.25                            | SS 6009-ZZ                  |
|                                | 75        | 16        | 17.5                                                   | 14.4                                       | 5320                                    | 0.25                            | SS 6009-2RS                 |
|                                | 85        | 19        | 27.1                                                   | 19.3                                       | 8075                                    | 0.41                            | SS 6209-ZZ                  |
|                                | 85        | 19        | 27.1                                                   | 19.3                                       | 4750                                    | 0.41                            | SS 6209-2RS                 |
|                                | 100       | 25        | 53                                                     | 32                                         | 5904                                    | 0.814                           | SS 6309-ZZ                  |
|                                | 100       | 25        | 53                                                     | 32                                         | 5904                                    | 0.814                           | SS 6309-2RS                 |
| 50                             | 65        | 7         | 6.47                                                   | 5.98                                       | 7920                                    | 0.052                           | SS 61810-ZZ                 |
|                                | 65        | 7         | 6.47                                                   | 5.98                                       | 7920                                    | 0.052                           | SS 61810-2RS                |
|                                | 72        | 12        | 15.29                                                  | 11.96                                      | 7920                                    | 0.132                           | SS 61910-ZZ                 |
|                                | 72        | 12        | 15.29                                                  | 11.96                                      | 7920                                    | 0.132                           | SS 61910-2RS                |
|                                | 80        | 16        | 17.9                                                   | 15.7                                       | 8550                                    | 0.26                            | SS 6010-ZZ                  |
|                                | 80        | 16        | 17.9                                                   | 15.7                                       | 4750                                    | 0.26                            | SS 6010-2RS                 |
|                                | 90        | 20        | 29.1                                                   | 22                                         | 7600                                    | 0.46                            | SS 6210-ZZ                  |
|                                | 90        | 20        | 29.1                                                   | 22                                         | 4560                                    | 0.46                            | SS 6210-2RS                 |
|                                | 100       | 25        | 60.76                                                  | 37.73                                      | 5400                                    | 1.07                            | SS 6310-ZZ                  |
|                                | 100       | 25        | 60.76                                                  | 37.73                                      | 5400                                    | 1.07                            | SS 6310-2RS                 |
| 55                             | 72        | 9         | 8.624                                                  | 7.938                                      | 7200                                    | 0.083                           | SS 61811-ZZ                 |
|                                | 72        | 9         | 8.624                                                  | 7.938                                      | 7200                                    | 0.083                           | SS 61811-2RS                |
|                                | 80        | 13        | 15.68                                                  | 13.034                                     | 6912                                    | 0.18                            | SS 61911-ZZ                 |
|                                | 80        | 13        | 15.68                                                  | 13.034                                     | 6912                                    | 0.18                            | SS 61911-2RS                |
|                                | 90        | 18        | 27.734                                                 | 20.776                                     | 6480                                    | 0.388                           | SS 6011-ZZ                  |
|                                | 90        | 18        | 27.734                                                 | 20.776                                     | 6480                                    | 0.388                           | SS 6011-2RS                 |
|                                | 100       | 21        | 42.63                                                  | 28.616                                     | 5472                                    | 0.601                           | SS 6211-ZZ                  |
|                                | 100       | 21        | 42.63                                                  | 28.616                                     | 5472                                    | 0.601                           | SS 6211-2RS                 |
|                                | 120       | 29        | 70.07                                                  | 44.1                                       | 4896                                    | 1.37                            | SS 6311-ZZ                  |
|                                | 120       | 29        | 70.07                                                  | 44.1                                       | 4896                                    | 1.37                            | SS 6311-2RS                 |



## Sealed radial stainless steel deep groove ball bearings

*Cuscinetti radiali ad una corona di sfere in acciaio inossidabile schermati*

| Dimension<br>Dimensioni |           |           | Load rating (KN)<br>Coefficiente di carico (KN) |                                     | Speed limit*<br>Velocità limite* | Weight (kg)<br>Peso (Kg) | Designation<br>Sigla |
|-------------------------|-----------|-----------|-------------------------------------------------|-------------------------------------|----------------------------------|--------------------------|----------------------|
| d<br>(mm)               | D<br>(mm) | B<br>(mm) | Dynamic<br>Dinamico<br>C                        | Static<br>Statico<br>C <sub>0</sub> |                                  |                          |                      |
| 60                      | 78        | 10        | 11.27                                           | 10.388                              | 6768                             | 0.106                    | SS 61812-ZZ          |
|                         | 78        | 10        | 11.27                                           | 10.388                              | 6768                             | 0.106                    | SS 61812-2RS         |
|                         | 85        | 13        | 16.072                                          | 14.014                              | 6408                             | 0.193                    | SS 61912-ZZ          |
|                         | 85        | 13        | 16.072                                          | 14.014                              | 6408                             | 0.193                    | SS 61912-2RS         |
|                         | 95        | 18        | 28.91                                           | 22.736                              | 5976                             | 0.414                    | SS 6012-ZZ           |
|                         | 95        | 18        | 28.91                                           | 22.736                              | 5976                             | 0.414                    | SS 6012-2RS          |
|                         | 110       | 22        | 51.45                                           | 35.28                               | 5040                             | 0.783                    | SS 6212-ZZ           |
|                         | 110       | 22        | 51.45                                           | 35.28                               | 5040                             | 0.783                    | SS 6212-2RS          |
| 65                      | 85        | 10        | 11.368                                          | 10.78                               | 6264                             | 0.128                    | SS 61813-ZZ          |
|                         | 85        | 10        | 11.368                                          | 10.78                               | 6264                             | 0.128                    | SS 61813-2RS         |
|                         | 90        | 13        | 17.052                                          | 15.778                              | 5904                             | 0.206                    | SS 61913-ZZ          |
|                         | 90        | 13        | 17.052                                          | 15.778                              | 5904                             | 0.206                    | SS 61913-2RS         |
|                         | 100       | 18        | 29.89                                           | 24.696                              | 5544                             | 0.421                    | SS 6013-ZZ           |
|                         | 100       | 18        | 29.89                                           | 24.696                              | 5544                             | 0.421                    | SS 6013-2RS          |
|                         | 120       | 23        | 56.35                                           | 39.2                                | 4680                             | 0.99                     | SS 6213-ZZ           |
|                         | 120       | 23        | 56.35                                           | 39.2                                | 4680                             | 0.99                     | SS 6213-2RS          |
| 70                      | 90        | 10        | 11.858                                          | 11.662                              | 5832                             | 0.137                    | SS 61814-ZZ          |
|                         | 90        | 10        | 11.858                                          | 11.662                              | 5832                             | 0.137                    | SS 61814-2RS         |
|                         | 100       | 16        | 23.226                                          | 20.776                              | 5544                             | 0.334                    | SS 61914-ZZ          |
|                         | 100       | 16        | 23.226                                          | 20.776                              | 5544                             | 0.334                    | SS 61914-2RS         |
|                         | 110       | 20        | 37.24                                           | 30.38                               | 5112                             | 0.604                    | SS 6014-ZZ           |
|                         | 110       | 20        | 37.24                                           | 30.38                               | 5112                             | 0.604                    | SS 6014-2RS          |
| 75                      | 95        | 10        | 12.25                                           | 12.642                              | 5472                             | 0.145                    | SS 61815-ZZ          |
|                         | 95        | 10        | 12.25                                           | 12.642                              | 5472                             | 0.145                    | SS 61815-2RS         |
|                         | 105       | 16        | 23.912                                          | 22.148                              | 5184                             | 0.353                    | SS 61915-ZZ          |
|                         | 105       | 16        | 23.912                                          | 22.148                              | 5184                             | 0.353                    | SS 61915-2RS         |
| 80                      | 100       | 10        | 12.446                                          | 13.034                              | 5112                             | 0.154                    | SS 61816-ZZ          |
|                         | 100       | 10        | 12.446                                          | 13.034                              | 5112                             | 0.154                    | SS 61816-2RS         |
|                         | 110       | 16        | 24.402                                          | 23.52                               | 4824                             | 0.373                    | SS 61916-ZZ          |
|                         | 110       | 16        | 24.402                                          | 23.52                               | 4824                             | 0.373                    | SS 61916-2RS         |

\* For one side shield bearings speed limit, use the same value of open bearings

\* Per i cuscinetti schermati solo da un lato sono valide le velocità limite dei cuscinetti aperti