



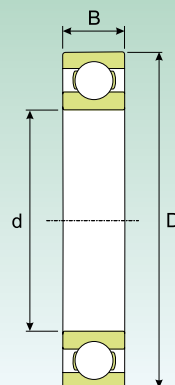
## **Einreihige Radial-Rillenkugellager**

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***Однорядные радиальные шарикоподшипники***

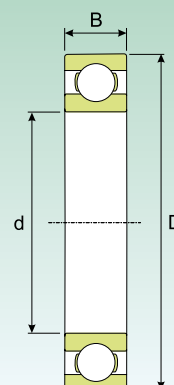


# **EINREIHIGE RADIAL-RILLENKUGELLAGER** **ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ**



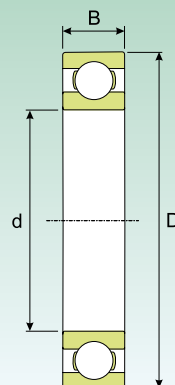
| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (кН) |                                           | Grenzdrehzahl (U/min)<br>Предельная скорость (об/мин) |                           | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|-------------------------------------------------------|---------------------------|----------------------------|----------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> | Schmierung<br>Смазка                                  |                           |                            |                            |
|                                  |           |           |                                            |                                           | Schmierfett<br>Консистентная<br>смазка                | Schmieröl<br>Жидкое масло |                            |                            |
| 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         | 66                                         | 34                                        | 36000                                                 | 43000                     | 0.005                      | 61700                      |
|                                  | 19        | 5         | 1.40                                       | 0.58                                      | 36720                                                 | 43200                     | 0.0055                     | 61800                      |
|                                  | 19        | 7         | 133                                        | 056                                       | 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         | 72                                         | 41                                        | 31000                                                 | 37000                     | 0.004                      | 61701                      |
|                                  | 21        | 5         | 1.40                                       | 0.66                                      | 32895                                                 | 38700                     | 0.0063                     | 61801                      |
|                                  | 21        | 7         | 149                                        | 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         | 81                                         | 44                                        | 27000                                                 | 32000                     | 0.006                      | 61702                      |
|                                  | 24        | 5         | 1.53                                       | 0.79                                      | 29070                                                 | 34200                     | 0.0074                     | 61802                      |
|                                  | 24        | 7         | 162                                        | 0.79                                      | 26000                                                 | 31500                     | 0.01                       | 63802                      |

## EINREIHIGE RADIAL-RILLENKUGELLAGER ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ



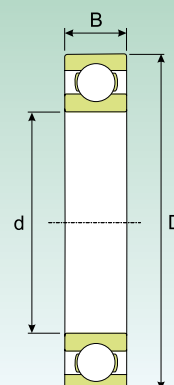
| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (кН) |                                           | Grenzgeschwindigkeit (U/min)<br>Предельная скорость (об/мин) |                           | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|--------------------------------------------------------------|---------------------------|----------------------------|----------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> | Schmierung<br>Смазка                                         |                           |                            |                            |
|                                  |           |           |                                            |                                           | Schmierfett<br>Консистентная<br>смазка                       | Schmieröl<br>Жидкое масло |                            |                            |
| 15                               | 28        | 7         | 4.28                                       | 2.2                                       | 26010                                                        | 30600                     | 0.016                      | 61902                      |
|                                  | 32        | 8         | 5.7                                        | 2.8                                       | 24480                                                        | 28800                     | 0.025                      | 16002                      |
|                                  | 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                      | 16003                      |
|                                  | 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                       | 16004                      |
|                                  | 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        | 16.5                                       | 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                       | 16005                      |
|                                  | 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                      | 16006                      |
|                                  | 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                       |

# EINREIHIGE RADIAL-RILLENKUGELLAGER ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ



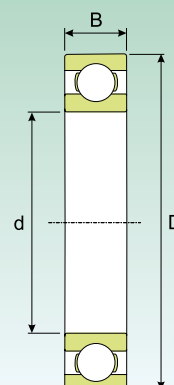
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|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|------------------------------------------------------|---------------------------|----------------------------|----------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> | Schmierung<br>Смазка                                 |                           |                            |                            |
|                                  |           |           |                                            |                                           | Schmierfett<br>Консистентная<br>смазка               | Schmieröl<br>Жидкое масло |                            |                            |
| 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        | 41.5                                       | 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                      | 61811                      |
|                                  | 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                       |

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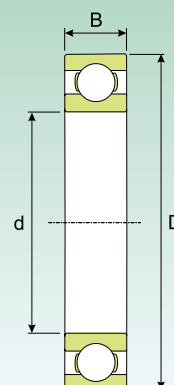
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|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|-------------------------------------------------------|---------------------------|----------------------------|----------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> | Schmierung<br>Смазка                                  |                           |                            |                            |
|                                  |           |           |                                            |                                           | Schmierfett<br>Консистентная<br>смазка                | Schmieröl<br>Жидкое масло |                            |                            |
| 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        | 62.5                                       | 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                       |

# EINREIHIGE RADIAL-RILLENKUGELLAGER ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ



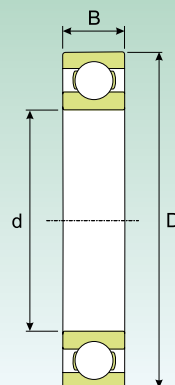
| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (кН) |                                           | Grenzdrehzahl (U/min)<br>Предельная скорость (об/мин) |                           | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|-------------------------------------------------------|---------------------------|----------------------------|----------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> | Schmierung<br>Смазка                                  |                           |                            |                            |
|                                  |           |           |                                            |                                           | Schmierfett<br>Консистентная<br>смазка                | Schmieröl<br>Жидкое масло |                            |                            |
| 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                     |

## EINREIHIGE RADIAL-RILLENKUGELLAGER ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ



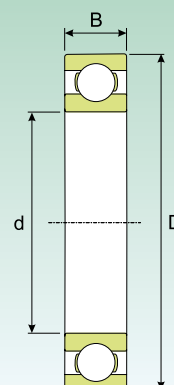
| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (кН) |                                           | Grenzdrehzahl (U/min)<br>Предельная скорость (об/мин) |                           | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|-------------------------------------------------------|---------------------------|----------------------------|----------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> | Schmierung<br>Смазка                                  |                           |                            |                            |
|                                  |           |           |                                            |                                           | Schmierfett<br>Консистентная<br>смазка                | Schmieröl<br>Жидкое масло |                            |                            |
| 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                        | 61832                      |
|                                  | 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                        | 61834                      |
|                                  | 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                          | 61836                      |
|                                  | 250       | 33        | 116.7                                      | 131.2                                     | 3290                                                  | 3870                      | 5.05                       | 61936 MA                   |
|                                  | 280       | 31        | 135.3                                      | 143                                       | 3060                                                  | 3600                      | 6.6                        | 16036                      |
|                                  | 280       | 46        | 186.3                                      | 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                        | 61838                      |
|                                  | 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                        | 61840                      |
|                                  | 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        | 264.7                                      | 304                                       | 2448                                                  | 2880                      | 28                         | 6240 M                     |
| 220                              | 270       | 24        | 76.5                                       | 108                                       | 2142                                                  | 2520                      | 3                          | 61844                      |
|                                  | 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                        | 61848                      |
|                                  | 320       | 38        | 155.9                                      | 196                                       | 2448                                                  | 2880                      | 8.6                        | 61948 MA                   |
|                                  | 360       | 37        | 174.5                                      | 216                                       | 2295                                                  | 2700                      | 145                        | 16048 MA                   |

# EINREIHIGE RADIAL-RILLENKUGELLAGER ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ



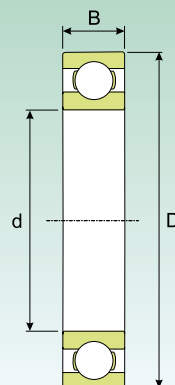
| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (кН) |                                           | Grenzdrehzahl (U/min)<br>Предельная скорость (об/мин) |                           | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|-------------------------------------------------------|---------------------------|----------------------------|----------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> | Schmierung<br>Смазка                                  |                           |                            |                            |
|                                  |           |           |                                            |                                           | Schmierfett<br>Консистентная<br>смазка                | Schmieröl<br>Жидкое масло |                            |                            |
| 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                     |

## EINREIHIGE RADIAL-RILLENKUGELLAGER ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ



| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (кН) |                                           | Grenzdrehzahl (U/min)<br>Предельная скорость (об/мин) |                           | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|-------------------------------------------------------|---------------------------|----------------------------|----------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> | Schmierung<br>Смазка                                  |                           |                            |                            |
|                                  |           |           |                                            |                                           | Schmierfett<br>Консистентная<br>смазка                | Schmieröl<br>Жидкое масло |                            |                            |
| 440                              | 540       | 31        | 155                                        | 285                                       | 870                                                   | 1000                      | 16.5                       | 60888                      |
|                                  | 540       | 46        | 250                                        | 432                                       | 1377                                                  | 1620                      | 22.5                       | 61888 MA                   |
|                                  | 600       | 50        | 305                                        | 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                                       | 690                                                   | 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                     |

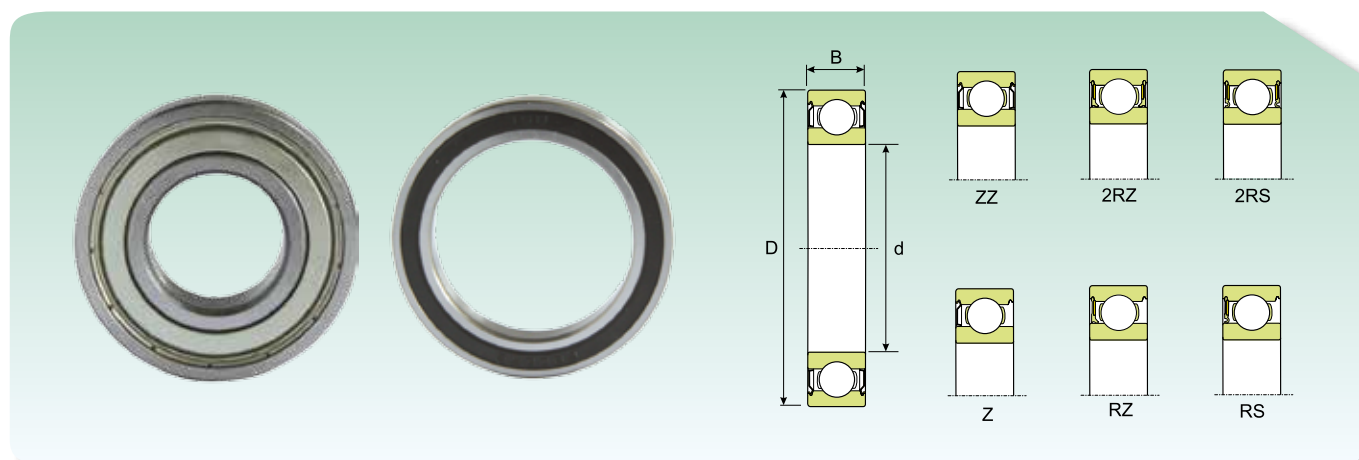
# EINREIHIGE RADIAL-RILLENKUGELLAGER ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ



| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (кН) |                                           | Grenzdrehzahl (U/min)<br>Предельная скорость (об/мин) |                           | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|-------------------------------------------------------|---------------------------|----------------------------|----------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> | Schmierung<br>Смазка                                  |                           |                            |                            |
|                                  |           |           |                                            |                                           | Schmierfett<br>Консистентная<br>смазка                | Schmieröl<br>Жидкое масло |                            |                            |
| 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                                      | 280                                                   | 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                   |

## EINREIHIGE RADIAL-RILLENKUGELLAGER, ABGEDICHTET

## ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ, С ЗАЩИТНОЙ ШАЙБОЙ

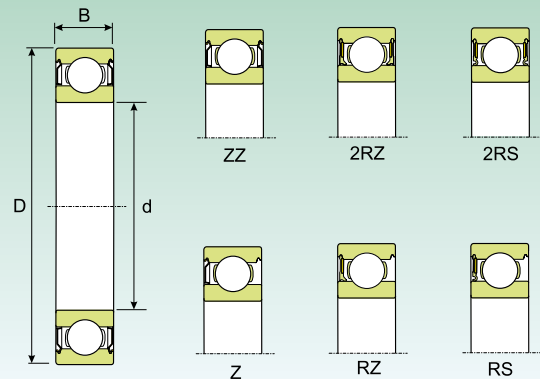


| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (кН) |                                           | Grenzdrehzahl*<br>Предельная скорость* | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение                                      |                                                                     |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|----------------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> |                                        |                            | Deckscheibe<br>auf einseitig<br>Односторонняя<br>защитная шайба | Deckscheibe<br>auf beiden Seiten<br>Защитная<br>шайба, двусторонняя |
| 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                                                              |
|                                  | 13        | 5         | 0.92                                       | 0.29                                      | 50350                                  | 0.0031                     | 624-RS                                                          | 624-2RS                                                             |
|                                  | 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                                                              |
|                                  | 16        | 5         | 1.12                                       | 0.38                                      | 45600                                  | 0.005                      | 625-RS                                                          | 625-2RS                                                             |
|                                  | 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                                                             |
| 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                     | 626-RS                                                          | 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                                                            |

\* Für nur einseitig abgedichtete Lager gelten die Grenzdrehzahlen der offenen Lager.

\* Для подшипников с односторонней защитной шайбой действительны предельные скорости подшипников открытого типа

# **EINREIHIGE RADIAL-RILLENKUGELLAGER, ABGEDICHTET** **ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ, С ЗАЩИТНОЙ ШАЙБОЙ**



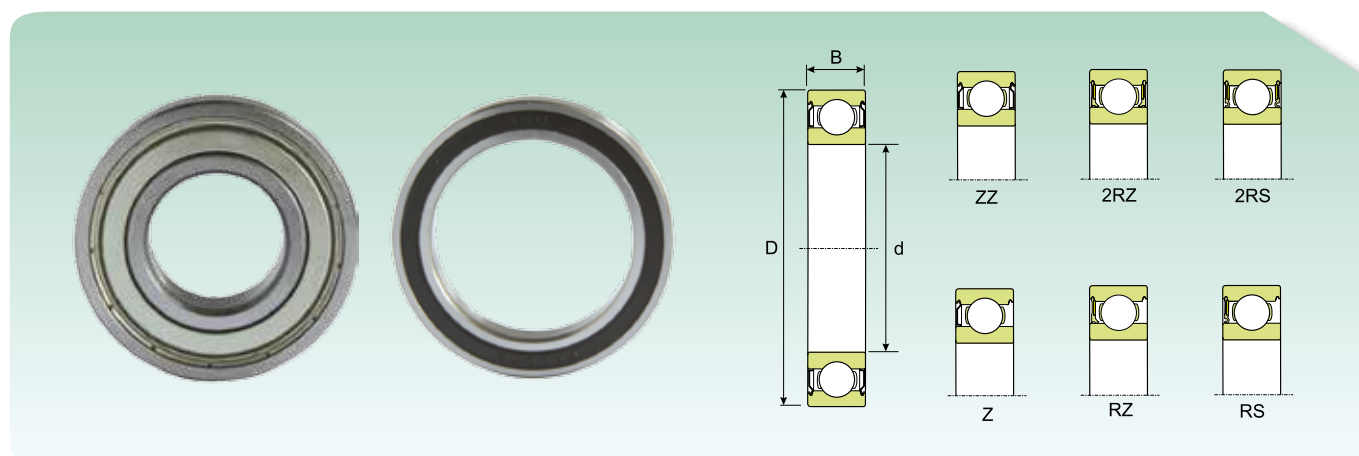
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|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|----------------------------------------|----------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> |                                        |                            | Deckscheibe<br>auf einseitig<br>Односторонняя<br>защитная шайба | Deckscheibe<br>auf beiden Seiten<br>Защитная<br>шайба, двухсторонняя |
| <b>9</b>                         | 24        | 7         | 3.83                                       | 1.63                                      | 32300                                  | 0.014                      | <b>609-Z</b>                                                    | <b>609-ZZ</b>                                                        |
|                                  | 24        | 7         | 3.83                                       | 1.63                                      | 18050                                  | 0.014                      | <b>609-RS</b>                                                   | <b>609-2RS</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                     | -                                                               | <b>61700ZZ</b>                                                       |
|                                  | 19        | 5         | 1.36                                       | 0.58                                      | 36100                                  | 0.0055                     | -                                                               | <b>61800-ZZ</b>                                                      |
|                                  | 19        | 5         | 1.36                                       | 0.58                                      | 20900                                  | 0.0055                     | -                                                               | <b>61800-2RS</b>                                                     |
|                                  | 19        | 7         | 133                                        | 0.56                                      | 34000                                  | 0.0055                     | -                                                               | <b>63800ZZ</b>                                                       |
|                                  | 22        | 6         | 2.04                                       | 0.84                                      | 34200                                  | 0.01                       | -                                                               | <b>61900-ZZ</b>                                                      |
|                                  | 22        | 6         | 2.04                                       | 0.84                                      | 19000                                  | 0.01                       | -                                                               | <b>61900-2RS</b>                                                     |
|                                  | 26        | 8         | 4.66                                       | 1.93                                      | 32300                                  | 0.019                      | <b>6000-Z</b>                                                   | <b>6000-ZZ</b>                                                       |
|                                  | 26        | 8         | 4.66                                       | 1.93                                      | 18050                                  | 0.019                      | <b>6000-RS</b>                                                  | <b>6000-2RS</b>                                                      |
|                                  | 26        | 12        | 4.53                                       | 1.93                                      | 18050                                  | 0.025                      | -                                                               | <b>63000-2RS</b>                                                     |
|                                  | 28        | 8         | 4.53                                       | 1.93                                      | 30400                                  | 0.022                      | -                                                               | <b>16100-ZZ</b>                                                      |
|                                  | 30        | 9         | 5.3                                        | 2.32                                      | 26600                                  | 0.032                      | <b>6200-Z</b>                                                   | <b>6200-ZZ</b>                                                       |
|                                  | 30        | 9         | 5.3                                        | 2.32                                      | 16150                                  | 0.032                      | <b>6200-RS</b>                                                  | <b>6200-2RS</b>                                                      |
|                                  | 30        | 14        | 4.97                                       | 2.32                                      | 16150                                  | 0.04                       | -                                                               | <b>62200-2RS</b>                                                     |
|                                  | 35        | 11        | 8.35                                       | 3.34                                      | 24700                                  | 0.053                      | <b>6300-Z</b>                                                   | <b>6300-ZZ</b>                                                       |
|                                  | 35        | 11        | 8.35                                       | 3.34                                      | 14250                                  | 0.053                      | <b>6300-RS</b>                                                  | <b>6300-2RS</b>                                                      |
|                                  | 35        | 17        | 7.9                                        | 3.34                                      | 14250                                  | 0.06                       | -                                                               | <b>62300-2RS</b>                                                     |
| <b>12</b>                        | 18        | 4         | 72                                         | 41                                        | 31000                                  | 0.0063                     | -                                                               | <b>61701-ZZ</b>                                                      |
|                                  | 21        | 5         | 1.41                                       | 0.66                                      | 34200                                  | 0.0063                     | -                                                               | <b>61801-ZZ</b>                                                      |
|                                  | 21        | 5         | 1.41                                       | 0.66                                      | 19000                                  | 0.0063                     | -                                                               | <b>61801-2RS</b>                                                     |
|                                  | 21        | 7         | 149                                        | 0.68                                      | 30500                                  | 0.0063                     | -                                                               | <b>63801-ZZ</b>                                                      |
|                                  | 24        | 6         | 2.21                                       | 0.97                                      | 30400                                  | 0.011                      | -                                                               | <b>61901-ZZ</b>                                                      |
|                                  | 24        | 6         | 2.21                                       | 0.97                                      | 18050                                  | 0.011                      | -                                                               | <b>61901-2RS</b>                                                     |
|                                  | 28        | 8         | 5.3                                        | 2.32                                      | 28500                                  | 0.022                      | <b>6001-Z</b>                                                   | <b>6001-ZZ</b>                                                       |
|                                  | 28        | 8         | 5.3                                        | 2.32                                      | 16150                                  | 0.022                      | <b>6001-RS</b>                                                  | <b>6001-2RS</b>                                                      |
|                                  | 28        | 12        | 4.97                                       | 2.32                                      | 16150                                  | 0.029                      | -                                                               | <b>63001-2RS</b>                                                     |
|                                  | 30        | 8         | 4.97                                       | 2.32                                      | 26600                                  | 0.023                      | -                                                               | <b>16101-ZZ</b>                                                      |
|                                  | 30        | 8         | 4.97                                       | 2.32                                      | 15200                                  | 0.023                      | -                                                               | <b>16101-2RS</b>                                                     |
|                                  | 32        | 10        | 7.14                                       | 3.04                                      | 24700                                  | 0.037                      | <b>6201-Z</b>                                                   | <b>6201-ZZ</b>                                                       |
|                                  | 32        | 10        | 7.14                                       | 3.04                                      | 14250                                  | 0.037                      | <b>6201-RS</b>                                                  | <b>6201-2RS</b>                                                      |
|                                  | 32        | 14        | 6.76                                       | 3.04                                      | 14250                                  | 0.045                      | -                                                               | <b>62201-2RS</b>                                                     |
|                                  | 37        | 12        | 9.9                                        | 4.07                                      | 20900                                  | 0.06                       | <b>6301-Z</b>                                                   | <b>6301-ZZ</b>                                                       |
|                                  | 37        | 12        | 9.9                                        | 4.07                                      | 13300                                  | 0.06                       | <b>6301-RS</b>                                                  | <b>6301-2RS</b>                                                      |
|                                  | 37        | 17        | 9.56                                       | 4.07                                      | 13300                                  | 0.07                       | -                                                               | <b>62301-2RS</b>                                                     |
| <b>15</b>                        | 21        | 4         | 81                                         | 44                                        | 27000                                  | 0.0074                     | -                                                               | <b>61702-ZZ</b>                                                      |
|                                  | 24        | 5         | 1.53                                       | 0.79                                      | 28500                                  | 0.0074                     | -                                                               | <b>61802-ZZ</b>                                                      |
|                                  | 24        | 5         | 1.53                                       | 0.79                                      | 16150                                  | 0.0074                     | -                                                               | <b>61802-2RS</b>                                                     |
|                                  | 24        | 7         | 162                                        | 0.79                                      | 26000                                  | 0.016                      | -                                                               | <b>613802-ZZ</b>                                                     |
|                                  | 28        | 7         | 4.28                                       | 2.2                                       | 26600                                  | 0.016                      | -                                                               | <b>61902-ZZ</b>                                                      |
|                                  | 28        | 7         | 4.28                                       | 2.2                                       | 26600                                  | 0.016                      | -                                                               | <b>61902-2RZ</b>                                                     |
|                                  | 28        | 7         | 4.28                                       | 2.2                                       | 15200                                  | 0.016                      | -                                                               | <b>61902-2RS</b>                                                     |
|                                  | 32        | 8         | 5.74                                       | 2.8                                       | 24700                                  | 0.025                      | <b>16002-Z</b>                                                  | <b>16002-ZZ</b>                                                      |
|                                  | 32        | 9         | 5.74                                       | 2.8                                       | 24700                                  | 0.03                       | <b>6002-Z</b>                                                   | <b>6002-ZZ</b>                                                       |
|                                  | 32        | 9         | 5.74                                       | 2.8                                       | 13300                                  | 0.03                       | <b>6002-RS</b>                                                  | <b>6002-2RS</b>                                                      |

\* Für nur einseitig abgedichtete Lager gelten die Grenzdrehzahlen der offenen Lager.

\* Для подшипников с односторонней защитной шайбой действительны предельные скорости подшипников открытого типа

## EINREIHIGE RADIAL-RILLENKUGELLAGER, ABGEDICHTET

## ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ, С ЗАЩИТНОЙ ШАЙБОЙ

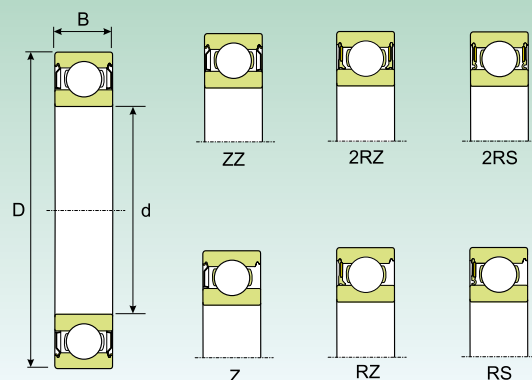


| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (кН) |                                           | Grenzdrehzahl*<br>Предельная скорость* | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение                                      |                                                                     |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|----------------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> |                                        |                            | Deckscheibe<br>auf einseitig<br>Односторонняя<br>защитная шайба | Deckscheibe<br>auf beiden Seiten<br>Защитная<br>шайба, двусторонняя |
| 15                               | 32        | 13        | 5.48                                       | 2.8                                       | 13300                                  | 0.039                      | -                                                               | 63002-2RS                                                           |
|                                  | 35        | 11        | 7.9                                        | 3.68                                      | 20900                                  | 0.045                      | 6202-Z                                                          | 6202-ZZ                                                             |
|                                  | 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         | 175                                        | 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                                  | 23000                      | -                                                               | 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                                                             |

\* Für nur einseitig abgedichtete Lager gelten die Grenzdrehzahlen der offenen Lager.

\* Для подшипников с односторонней защитной шайбой действительны предельные скорости подшипников открытого типа

# **EINREIHIGE RADIAL-RILLENKUGELLAGER, ABGEDICHTET** **ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ, С ЗАЩИТНОЙ ШАЙБОЙ**



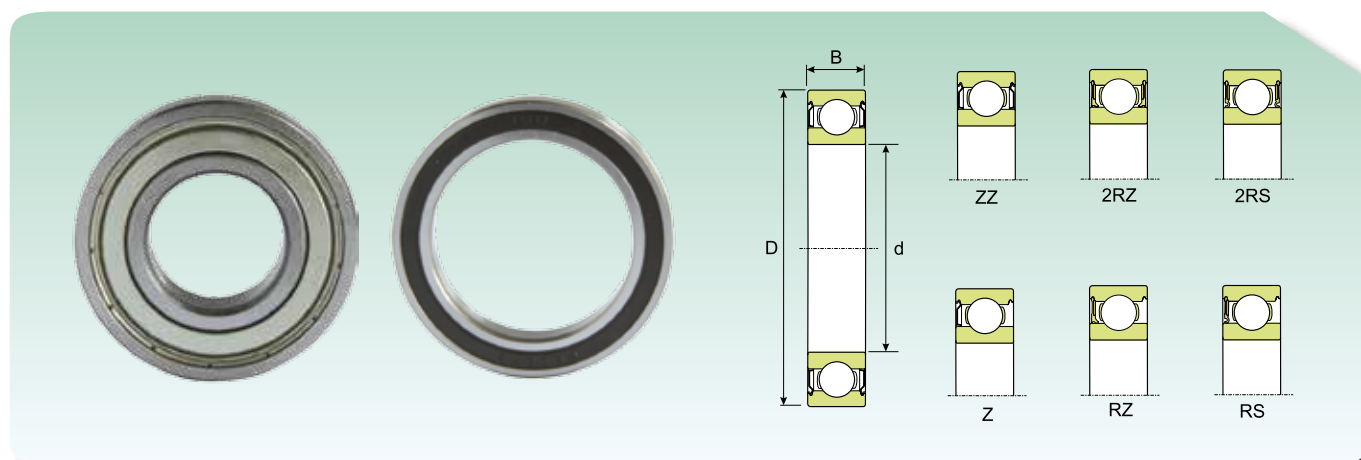
| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (кН) |                                           | Grenzdrehzahl*<br>Предельная скорость* | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение                                      |                                                                      |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|----------------------------------------|----------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> |                                        |                            | Deckscheibe<br>auf einseitig<br>Односторонняя<br>защитная шайба | Deckscheibe<br>auf beiden Seiten<br>Защитная<br>шайба, двухсторонняя |
| 25                               | 47        | 12        | 11.67                                      | 6.42                                      | 9025                                   | 0.08                       | 6005-RS                                                         | 6005-2RS                                                             |
|                                  | 47        | 16        | 10.98                                      | 6.42                                      | 9025                                   | 0.1                        | -                                                               | 63005-2RS                                                            |
|                                  | 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                                                             |
| 30                               | 62        | 24        | 22.05                                      | 11.37                                     | 7125                                   | 0.32                       | -                                                               | 62305-2RS                                                            |
|                                  | 37        | 4         | 95                                         | 76                                        | 17000                                  | 0.027                      | -                                                               | 61706ZZ                                                              |
|                                  | 42        | 7         | 4.41                                       | 2.85                                      | 15200                                  | 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                                      | 7600                                   | 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                                                              |

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## EINREIHIGE RADIAL-RILLENKUGELLAGER, ABGEDICHTET

## ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ, С ЗАЩИТНОЙ ШАЙБОЙ

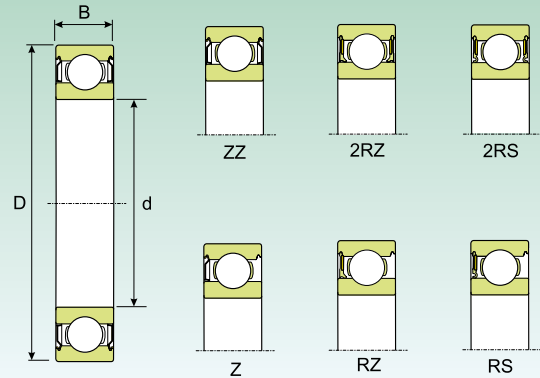


| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (КН) |                                           | Grenzdrehzahl*<br>Предельная скорость* | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение                                      |                                                                     |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|----------------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> |                                        |                            | Deckscheibe<br>auf einseitig<br>Односторонняя<br>защитная шайба | Deckscheibe<br>auf beiden Seiten<br>Защитная<br>шайба, двусторонняя |
| 40                               | 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                                                            |
|                                  | 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                                                            |
| 45                               | 90        | 33        | 40.18                                      | 23.52                                     | 4750                                   | 0.89                       | -                                                               | 62308-2RS                                                           |
|                                  | 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                                                             |
| 50                               | 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                                                           |
|                                  | 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                                                             |
| 55                               | 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                                                            |
| 55                               | 90        | 18        | 29.01                                      | 20.78                                     | 4275                                   | 0.39                       | 6011-RS                                                         | 6011-2RS                                                            |
|                                  | 100       | 21        | 45.28                                      | 28.42                                     | 6650                                   | 0.61                       | 6211-Z                                                          | 6211-ZZ                                                             |

\* Für nur einseitig abgedichtete Lager gelten die Grenzdrehzahlen der offenen Lager.

\* Для подшипников с односторонней защитной шайбой действительны предельные скорости подшипников открытого типа

# **EINREIHIGE RADIAL-RILLENKUGELLAGER, ABGEDICHTET** **ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ, С ЗАЩИТНОЙ ШАЙБОЙ**



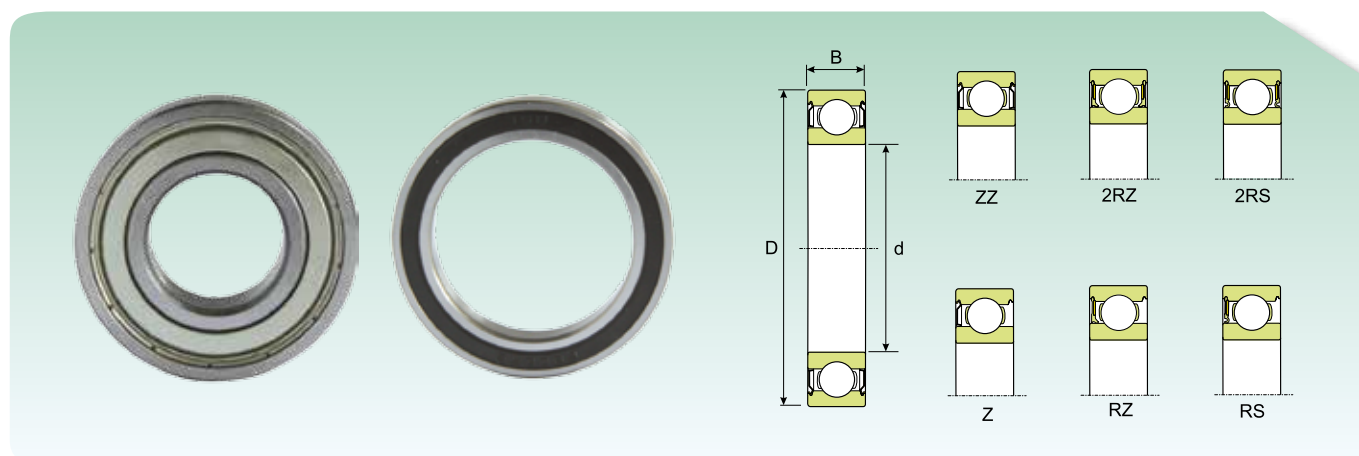
| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (кН) |                                           | Grenzdrehzahl*<br>Предельная скорость* | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение                                      |                                                                     |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|----------------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> |                                        |                            | Deckscheibe<br>auf einseitig<br>Односторонняя<br>защитная шайба | Deckscheibe<br>auf beiden Seiten<br>Защитная<br>шайба, двусторонняя |
| 55                               | 100       | 21        | 45.28                                      | 28.42                                     | 4085                                   | 0.61                       | 6211-RS                                                         | 6211-2RS                                                            |
|                                  | 100       | 25        | 42.73                                      | 28.42                                     | 4085                                   | 0.7                        | -                                                               | 62211-2RS                                                           |
|                                  | 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                                                            |
|                                  | 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                                                           |
| 60                               | 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                                                           |

\* Für nur einseitig abgedichtete Lager gelten die Grenzdrehzahlen der offenen Lager.

\* Для подшипников с односторонней защитной шайбой действительны предельные скорости подшипников открытого типа

## EINREIHIGE RADIAL-RILLENKUGELLAGER, ABGEDICHTET

## ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ, С ЗАЩИТНОЙ ШАЙБОЙ

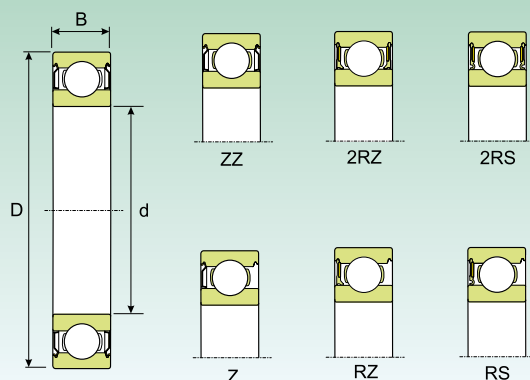
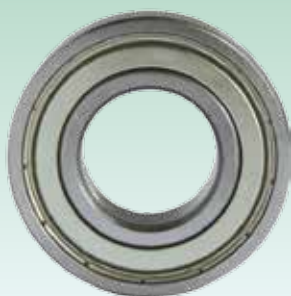


| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (кН) |                                           | Grenzdrehzahl*<br>Предельная<br>скорость* | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение                                  |                                                                     |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|-------------------------------------------|----------------------------|-------------------------------------------------------------|---------------------------------------------------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> |                                           |                            | Deckscheibe<br>einseitig<br>Односторонняя<br>защитная шайба | Deckscheibe<br>auf beiden Seiten<br>Защитная<br>шайба, двусторонняя |
| 75                               | 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                                                            |
|                                  | 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                                                            |

\* Für nur einseitig abgedichtete Lager gelten die Grenzdrehzahlen der offenen Lager.

\* Для подшипников с односторонней защитной шайбой действительны предельные скорости подшипников открытого типа

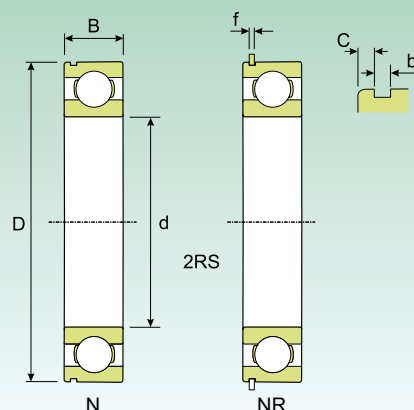
# **EINREIHIGE RADIAL-RILLENKUGELLAGER, ABGEDICHTET** **ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ, С ЗАЩИТНОЙ ШАЙБОЙ**



| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (КН) |                                           | Grenzdrehzahl*<br>Предельная скорость* | Gewicht (kg)<br>Масса (Кг) | Kurzzeichen<br>Обозначение                                      |                                                                     |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|----------------------------------------|----------------------------|-----------------------------------------------------------------|---------------------------------------------------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> |                                        |                            | Deckscheibe<br>auf einseitig<br>Односторонняя<br>защитная шайба | Deckscheibe<br>auf beiden Seiten<br>Защитная<br>шайба, двусторонняя |
| 100                              | 125       | 13        | 19.6                                       | 23.6                                      | 5035                                   | 0.31                       | -                                                               | 61820-2RZ                                                           |
|                                  | 125       | 13        | 19.6                                       | 23.6                                      | 2850                                   | 0.31                       | -                                                               | 61820-2RS                                                           |
|                                  | 150       | 24        | 62.5                                       | 53                                        | 4275                                   | 1.25                       | 6020-Z                                                          | 6020-ZZ                                                             |
|                                  | 150       | 24        | 62.5                                       | 53                                        | 2470                                   | 1.25                       | 6020-RS                                                         | 6020-2RS                                                            |
|                                  | 180       | 34        | 124.5                                      | 91.2                                      | 3610                                   | 3.15                       | 6220-Z                                                          | 6220-ZZ                                                             |
|                                  | 180       | 34        | 124.5                                      | 91.2                                      | 2280                                   | 3.15                       | 6220-RS                                                         | 6220-2RS                                                            |
| 105                              | 130       | 13        | 20.4                                       | 19.3                                      | 4750                                   | 0.32                       | -                                                               | 61821-2RZ                                                           |
|                                  | 130       | 13        | 20.4                                       | 19.3                                      | 2660                                   | 0.32                       | -                                                               | 61821-2RS                                                           |
|                                  | 160       | 26        | 74.6                                       | 64.2                                      | 4085                                   | 1.6                        | 6021-Z                                                          | 6021-ZZ                                                             |
|                                  | 160       | 26        | 74.6                                       | 64.2                                      | 2280                                   | 1.6                        | 6021-RS                                                         | 6021-2RS                                                            |
|                                  | 190       | 36        | 137.2                                      | 102                                       | 3420                                   | 3.7                        | 6221-Z                                                          | 6221-ZZ                                                             |
|                                  | 190       | 36        | 137.2                                      | 102                                       | 2090                                   | 3.7                        | 6221-RS                                                         | 6221-2RS                                                            |
|                                  | 225       | 49        | 178.4                                      | 150                                       | 3040                                   | 8.25                       | 6321-Z                                                          | 6321-ZZ                                                             |
| 110                              | 140       | 16        | 27.6                                       | 25.5                                      | 4275                                   | 0.6                        | -                                                               | 61822-2RZ                                                           |
|                                  | 140       | 16        | 27.6                                       | 25.5                                      | 2470                                   | 0.6                        | -                                                               | 61822-2RS                                                           |
|                                  | 170       | 28        | 83.5                                       | 72.1                                      | 3800                                   | 1.95                       | 6022-Z                                                          | 6022-ZZ                                                             |
|                                  | 170       | 28        | 83.5                                       | 72.1                                      | 2280                                   | 1.95                       | 6022-RS                                                         | 6022-2RS                                                            |
|                                  | 200       | 38        | 148                                        | 109.7                                     | 3230                                   | 4.35                       | 6222-Z                                                          | 6222-ZZ                                                             |
| 120                              | 150       | 16        | 28.6                                       | 27.5                                      | 4085                                   | 0.65                       | -                                                               | 61824-2RZ                                                           |
|                                  | 150       | 16        | 28.6                                       | 27.5                                      | 2280                                   | 0.65                       | -                                                               | 61824-2RS                                                           |
|                                  | 180       | 28        | 86.7                                       | 78.4                                      | 3610                                   | 2.05                       | 6024-Z                                                          | 6024-ZZ                                                             |
|                                  | 180       | 28        | 86.7                                       | 78.4                                      | 2090                                   | 2.05                       | 6024-RS                                                         | 6024-2RS                                                            |
|                                  | 215       | 40        | 143.1                                      | 115.7                                     | 3040                                   | 5.15                       | 6224-Z                                                          | 6224-ZZ                                                             |
| 130                              | 165       | 18        | 37                                         | 42.2                                      | 3610                                   | 0.93                       | -                                                               | 61826-2RZ                                                           |
|                                  | 165       | 18        | 37                                         | 42.2                                      | 2090                                   | 0.93                       | -                                                               | 61826-2RS                                                           |
|                                  | 200       | 33        | 109.8                                      | 98                                        | 3230                                   | 3.15                       | 6026-Z                                                          | 6026-ZZ                                                             |
|                                  | 200       | 33        | 109.8                                      | 98                                        | 1900                                   | 3.15                       | 6026-RS                                                         | 6026-2RS                                                            |
|                                  | 230       | 40        | 152.9                                      | 129.4                                     | 2850                                   | 5.8                        | 6226-Z                                                          | 6226-ZZ                                                             |
| 140                              | 175       | 18        | 38.3                                       | 45.6                                      | 3420                                   | 0.99                       | -                                                               | 61828-2RZ                                                           |
|                                  | 175       | 18        | 38.3                                       | 45.6                                      | 1900                                   | 0.99                       | -                                                               | 61828-2RS                                                           |
|                                  | 210       | 33        | 108.8                                      | 105.9                                     | 3040                                   | 3.35                       | 6028-Z                                                          | 6028-ZZ                                                             |
|                                  | 210       | 33        | 108.8                                      | 105.9                                     | 1710                                   | 3.35                       | 6028-RS                                                         | 6028-2RS                                                            |
| 150                              | 225       | 35        | 122.5                                      | 122.5                                     | 2850                                   | 4.8                        | 6030-Z                                                          | 6030-ZZ                                                             |
|                                  | 225       | 35        | 122.5                                      | 122.5                                     | 1615                                   | 4.8                        | 6030-RS                                                         | 6030-2RS                                                            |
| 160                              | 240       | 38        | 140.2                                      | 140.2                                     | 2660                                   | 5.9                        | 6032-Z                                                          | 6032-ZZ                                                             |
|                                  | 240       | 38        | 140.2                                      | 140.2                                     | 1520                                   | 5.9                        | 6032-RS                                                         | 6032-2RS                                                            |

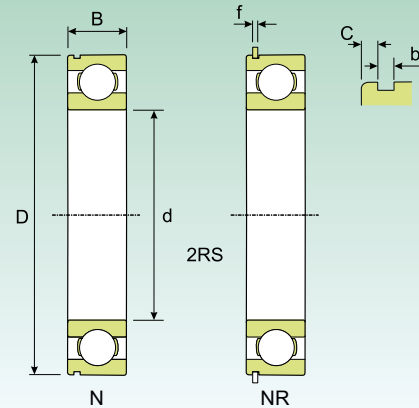
\* Für nur einseitig abgedichtete Lager gelten die Grenzdrehzahlen der offenen Lager.

\* Для подшипников с односторонней защитной шайбой действительны предельные скорости подшипников открытого типа

**EINREIHIGE RADIAL-RILLENKUGELLAGER MIT RINGNUT FÜR DEN AUSSENRING**
**ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ, С КАНАВКОЙ ПОД УПОРНОЕ ПРУЖИННОЕ КОЛЬЦО**


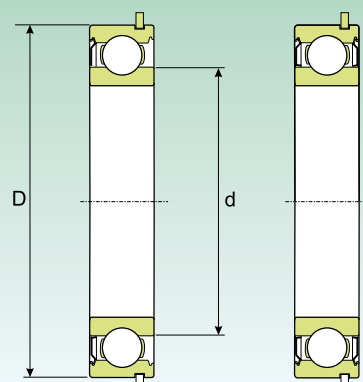
| Abmessungen (mm)<br>Размеры (мм) |           |           |           |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (кН) |                                           | Grenzdrehzahl (U/min)<br>Предельная скорость (об/мин) |                           | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение |                                     | Spreng-ring<br>Стопорное<br>кольцо |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|--------------------------------------------|-------------------------------------------|-------------------------------------------------------|---------------------------|----------------------------|----------------------------|-------------------------------------|------------------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | b<br>(mm) | C<br>(mm) | f<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> | Schmierung<br>Смазка                                  |                           |                            | Mit Ringnut<br>С канавкой  | Mit Spreng-<br>ring<br>С<br>кольцом |                                    |
|                                  |           |           |           |           |           |                                            |                                           | Schmierfett<br>Консистентная<br>смазка                | Schmieröl<br>Жидкое масло |                            |                            |                                     |                                    |
| 10                               | 30        | 9         | 1.35      | 2.06      | 1.12      | 5.3                                        | 2.32                                      | 26010                                                 | 30600                     | 0.032                      | 6200 N                     | 6200 NR                             | SP 30                              |
| 12                               | 32        | 10        | 1.35      | 2.06      | 1.12      | 7.14                                       | 3.04                                      | 24480                                                 | 28800                     | 0.037                      | 6201 N                     | 6201 NR                             | SP 32                              |
| 15                               | 35        | 11        | 1.35      | 2.06      | 1.12      | 7.9                                        | 3.68                                      | 21420                                                 | 25200                     | 0.045                      | 6202 N                     | 6202 NR                             | SP 35                              |
| 17                               | 40        | 12        | 1.35      | 2.06      | 1.12      | 9.76                                       | 4.66                                      | 18360                                                 | 21600                     | 0.065                      | 6203 N                     | 6203 NR                             | SP 40                              |
|                                  | 47        | 14        | 1.35      | 2.46      | 1.12      | 14.02                                      | 6.42                                      | 16830                                                 | 19800                     | 0.12                       | 6303 N                     | 6303 NR                             | SP 47                              |
| 20                               | 42        | 12        | 1.35      | 2.06      | 1.12      | 9.76                                       | 4.9                                       | 18360                                                 | 21600                     | 0.069                      | 6004 N                     | 6004 NR                             | SP 42                              |
|                                  | 47        | 14        | 1.35      | 2.46      | 1.12      | 13.23                                      | 6.42                                      | 15300                                                 | 18000                     | 0.11                       | 6204 N                     | 6204 NR                             | SP 47                              |
|                                  | 52        | 15        | 1.35      | 2.46      | 1.12      | 16.47                                      | 7.65                                      | 14535                                                 | 17100                     | 0.14                       | 6304 N                     | 6304 NR                             | SP 52                              |
| 25                               | 47        | 12        | 1.35      | 2.06      | 1.12      | 11.67                                      | 6.42                                      | 15300                                                 | 18000                     | 0.08                       | 6005 N                     | 6005 NR                             | SP 47                              |
|                                  | 52        | 15        | 1.35      | 2.46      | 1.12      | 14.51                                      | 7.65                                      | 13770                                                 | 16200                     | 0.13                       | 6205 N                     | 6205 NR                             | SP 52                              |
|                                  | 62        | 17        | 1.9       | 3.28      | 1.7       | 22.94                                      | 11.37                                     | 12240                                                 | 14400                     | 0.23                       | 6305 N                     | 6305 NR                             | SP 62                              |
| 30                               | 55        | 13        | 1.35      | 2.06      | 1.12      | 13.53                                      | 8.14                                      | 13005                                                 | 15300                     | 0.12                       | 6006 N                     | 6006 NR                             | SP 55                              |
|                                  | 62        | 16        | 1.9       | 3.28      | 1.7       | 19.9                                       | 10.98                                     | 11475                                                 | 13500                     | 0.2                        | 6206 N                     | 6206 NR                             | SP 62                              |
|                                  | 72        | 19        | 1.9       | 3.28      | 1.7       | 29.01                                      | 15.68                                     | 9945                                                  | 11700                     | 0.35                       | 6306 N                     | 6306 NR                             | SP 72                              |
| 35                               | 62        | 14        | 1.9       | 2.06      | 1.7       | 16.47                                      | 10                                        | 11475                                                 | 13500                     | 0.16                       | 6007 N                     | 6007 NR                             | SP 62                              |
|                                  | 72        | 17        | 1.9       | 3.28      | 1.7       | 26.46                                      | 15                                        | 9945                                                  | 11700                     | 0.29                       | 6207 N                     | 6207 NR                             | SP 72                              |
|                                  | 80        | 21        | 1.9       | 3.28      | 1.7       | 34.4                                       | 18.62                                     | 9180                                                  | 10800                     | 0.46                       | 6307 N                     | 6307 NR                             | SP 80                              |
|                                  | 100       | 25        | 2.7       | 3.28      | 2.46      | 54.2                                       | 30.38                                     | 7650                                                  | 9000                      | 0.95                       | 6407 N                     | 6407 NR                             | SP 100                             |
| 40                               | 68        | 15        | 1.9       | 2.49      | 1.7       | 17.45                                      | 11.37                                     | 10710                                                 | 12600                     | 0.19                       | 6008 N                     | 6008 NR                             | SP 68                              |
|                                  | 80        | 18        | 1.9       | 3.28      | 1.7       | 31.85                                      | 18.62                                     | 8415                                                  | 9900                      | 0.37                       | 6208 N                     | 6208 NR                             | SP 80                              |
|                                  | 90        | 23        | 2.7       | 3.28      | 2.46      | 41.46                                      | 23.52                                     | 8415                                                  | 9900                      | 0.63                       | 6308 N                     | 6308 NR                             | SP 90                              |
|                                  | 110       | 27        | 2.7       | 3.28      | 2.46      | 62.43                                      | 35.77                                     | 6885                                                  | 8100                      | 1.25                       | 6408 N                     | 6408 NR                             | SP 110                             |
| 45                               | 75        | 16        | 1.9       | 2.49      | 1.7       | 21.66                                      | 14.31                                     | 9180                                                  | 10800                     | 0.25                       | 6009 N                     | 6009 NR                             | SP 75                              |
|                                  | 85        | 19        | 1.9       | 3.28      | 1.7       | 34.4                                       | 21.17                                     | 8415                                                  | 9900                      | 0.41                       | 6209 N                     | 6209 NR                             | SP 85                              |
|                                  | 100       | 25        | 2.7       | 3.28      | 2.46      | 54.2                                       | 30.87                                     | 7268                                                  | 8550                      | 0.83                       | 6309 N                     | 6309 NR                             | SP 100                             |
|                                  | 120       | 29        | 3.1       | 4.06      | 2.82      | 74.58                                      | 44.1                                      | 6503                                                  | 7650                      | 1.55                       | 6409 N                     | 6409 NR                             | SP 120                             |
| 50                               | 80        | 16        | 1.9       | 2.49      | 1.7       | 22.45                                      | 15.68                                     | 8415                                                  | 9900                      | 0.26                       | 6010 N                     | 6010 NR                             | SP 80                              |
|                                  | 90        | 20        | 2.7       | 3.28      | 2.46      | 36.36                                      | 22.74                                     | 7650                                                  | 9000                      | 0.46                       | 6210 N                     | 6210 NR                             | SP 90                              |
|                                  | 110       | 27        | 2.7       | 3.28      | 2.46      | 63.7                                       | 37.24                                     | 6503                                                  | 7650                      | 1.05                       | 6310 N                     | 6310 NR                             | SP 110                             |
|                                  | 130       | 31        | 3.1       |           | 2.82      | 85.36                                      | 50.96                                     | 5738                                                  | 6750                      | 1.9                        | 6410 N                     | 6410 NR                             | SP 130                             |
| 55                               | 90        | 18        | 2.7       | 2.87      | 2.46      | 29.01                                      | 20.78                                     | 7650                                                  | 9000                      | 0.39                       | 6011 N                     | 6011 NR                             | SP 90                              |
|                                  | 100       | 21        | 2.7       | 3.28      | 2.46      | 45.28                                      | 28.42                                     | 6885                                                  | 8100                      | 0.61                       | 6211 N                     | 6211 NR                             | SP 100                             |
|                                  | 120       | 29        | 3.1       | 4.06      | 2.82      | 72.62                                      | 44.1                                      | 6120                                                  | 7200                      | 1.35                       | 6311 N                     | 6311 NR                             | SP 120                             |
|                                  | 140       | 33        | 3.1       | 4.9       | 2.82      | 97.51                                      | 60.76                                     | 5355                                                  | 6300                      | 2.3                        | 6411 N                     | 6411 NR                             | SP 140                             |
| 60                               | 95        | 18        | 2.7       | 2.87      | 2.46      | 30.09                                      | 22.74                                     | 7268                                                  | 8550                      | 0.42                       | 6012 N                     | 6012 NR                             | SP 95                              |
|                                  | 110       | 22        | 2.7       | 4.06      | 2.46      | 54.2                                       | 35.28                                     | 6120                                                  | 7200                      | 0.78                       | 6212 N                     | 6212 NR                             | SP 110                             |
|                                  | 130       | 31        | 3.1       | 4.9       | 2.82      | 83.5                                       | 50.96                                     | 5355                                                  | 6300                      | 1.7                        | 6312 N                     | 6312 NR                             | SP 130                             |
|                                  | 150       | 35        | 3.1       | 4.9       | 2.82      | 105.84                                     | 68.11                                     | 4820                                                  | 5670                      | 2.75                       | 6412 N                     | 6412 NR                             | SP 150                             |

# **EINREIHIGE RADIAL-RILLENKUGELLAGER MIT RINGNUT FÜR DEN AUSSENRING** **ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ, С КАНАВКОЙ ПОД УПОРНОЕ ПРУЖИННОЕ КОЛЬЦО**



| Abmessungen (mm)<br>Размеры (мм) |           |           |           |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (кН) |                                           | Grenzdrehzahl (U/min)<br>Предельная скорость (об/мин) |                           | Gewicht (kg)<br>Масса (кг) | Kurzzeichen<br>Обозначение |         | Spreng-ring<br>Стопорное<br>кольцо |
|----------------------------------|-----------|-----------|-----------|-----------|-----------|--------------------------------------------|-------------------------------------------|-------------------------------------------------------|---------------------------|----------------------------|----------------------------|---------|------------------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | b<br>(mm) | C<br>(mm) | f<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> | Schmierung<br>Смазка                                  |                           |                            |                            |         |                                    |
|                                  |           |           |           |           |           |                                            |                                           | Schmierfett<br>Консистентная<br>смазка                | Schmieröl<br>Жидкое масло |                            |                            |         |                                    |
| 65                               | 100       | 18        | 2.7       | 2.87      | 2.46      | 31.27                                      | 24.5                                      | 6885                                                  | 8100                      | 0.44                       | 6013 N                     | 6013 NR | SP 100                             |
|                                  | 120       | 23        | 3.1       | 4.06      | 2.82      | 57.33                                      | 39.69                                     | 5738                                                  | 6750                      | 0.99                       | 6213 N                     | 6213 NR | SP 120                             |
|                                  | 140       | 33        | 3.1       | 4.9       | 2.82      | 95.55                                      | 58.8                                      | 5126                                                  | 6030                      | 2.1                        | 6313 N                     | 6313 NR | SP 140                             |
|                                  | 160       | 37        | 3.1       | 4.9       | 2.82      | 116.62                                     | 76.44                                     | 4590                                                  | 5400                      | 3.3                        | 6413 N                     | 6413 NR | SP 160                             |
| 70                               | 110       | 20        | 2.7       | 2.87      | 2.46      | 38.91                                      | 30.38                                     | 6120                                                  | 7200                      | 0.6                        | 6014 N                     | 6014 NR | SP 110                             |
|                                  | 125       | 24        | 3.1       | 4.06      | 2.82      | 62.43                                      | 44.1                                      | 5355                                                  | 6300                      | 1.05                       | 6214 N                     | 6214 NR | SP 125                             |
|                                  | 150       | 35        | 3.1       | 4.9       | 2.82      | 108.78                                     | 66.64                                     | 4820                                                  | 5670                      | 2.5                        | 6314 N                     | 6314 NR | SP 150                             |
| 75                               | 115       | 20        | 2.7       | 2.87      | 2.46      | 40.77                                      | 32.83                                     | 5738                                                  | 6750                      | 0.64                       | 6015 N                     | 6015 NR | SP 115                             |
|                                  | 130       | 25        | 3.1       | 4.06      | 2.82      | 67.53                                      | 48.02                                     | 5126                                                  | 6030                      | 1.2                        | 6215 N                     | 6215 NR | SP 130                             |
|                                  | 160       | 37        | 3.1       | 4.9       | 2.82      | 116.62                                     | 74.97                                     | 4284                                                  | 5040                      | 3                          | 6315 N                     | 6315 NR | SP 160                             |
| 80                               | 125       | 22        | 3.1       | 2.87      | 2.82      | 48.42                                      | 39.2                                      | 5355                                                  | 6300                      | 0.85                       | 6016 N                     | 6016 NR | SP 125                             |
|                                  | 140       | 26        | 3.1       | 4.9       | 2.82      | 71.35                                      | 53.9                                      | 4590                                                  | 5400                      | 1.4                        | 6216 N                     | 6216 NR | SP 140                             |
| 85                               | 130       | 22        | 3.1       | 2.87      | 2.82      | 50.96                                      | 42.14                                     | 5126                                                  | 6030                      | 0.89                       | 6017 N                     | 6017 NR | SP 130                             |
|                                  | 150       | 28        | 3.1       | 4.9       | 2.82      | 85.36                                      | 62.72                                     | 4284                                                  | 5040                      | 1.8                        | 6217 N                     | 6217 NR | SP 150                             |
| 90                               | 140       | 24        | 3.1       | 3.71      | 2.82      | 59.29                                      | 49                                        | 4820                                                  | 5670                      | 1.15                       | 6018 N                     | 6018 NR | SP 140                             |
|                                  | 160       | 30        | 3.1       | 4.9       | 2.82      | 98.98                                      | 72.03                                     | 4055                                                  | 4770                      | 2.15                       | 6218 N                     | 6218 NR | SP 160                             |
| 95                               | 170       | 32        | 3.1       | 5.69      | 3.1       | 111.72                                     | 79.87                                     | 3825                                                  | 4500                      | 2.6                        | 6219 N                     | 6219 NR | SP 170                             |
| 100                              | 150       | 24        | 2.82      | 3.71      | 2.82      | 62.43                                      | 52.92                                     | 4284                                                  | 5040                      | 1.25                       | 6020 N                     | 6020 NR | SP 150                             |
|                                  | 180       | 34        | 3.1       | 5.69      | 3.1       | 124.46                                     | 91.14                                     | 3672                                                  | 4320                      | 3.15                       | 6220 N                     | 6220 NR | SP 180                             |
| 105                              | 160       | 26        | 2.82      | 3.71      | 2.82      | 74.58                                      | 64.19                                     | 4055                                                  | 4770                      | 1.6                        | 6021 N                     | 6021 NR | SP 160                             |
| 110                              | 170       | 28        | 3.1       | 3.71      | 3.1       | 83.5                                       | 72.03                                     | 3825                                                  | 4500                      | 1.95                       | 6022 N                     | 6022 NR | SP 170                             |
| 120                              | 180       | 28        | 3.1       | 3.71      | 3.1       | 86.64                                      | 78.4                                      | 3672                                                  | 4320                      | 2.05                       | 6024 N                     | 6024 NR | SP 180                             |

# **EINREIHIGE RADIAL-RILLENKUGELLAGER, ABGEDICHTET MIT SPRENGRING** **ОДНОРЯДНЫЕ РАДИАЛЬНЫЕ ШАРИКОПОДШИПНИКИ, С ЗАЩИТНОЙ ШАЙБОЙ И ПРУЖИННЫМ КОЛЬЦОМ**



| Abmessungen (mm)<br>Размеры (мм) |           |           | Tragzahl (kN)<br>Коэффициент нагрузки (КН) |                                           | Grenzdrehzahl*<br>Предельная<br>скорость* | Gewicht (kg)<br>Масса (Кг) | Kurzzeichen<br>Обозначение                               |                            | Spreng-ring<br>Стопорное кольцо |
|----------------------------------|-----------|-----------|--------------------------------------------|-------------------------------------------|-------------------------------------------|----------------------------|----------------------------------------------------------|----------------------------|---------------------------------|
| d<br>(mm)                        | D<br>(mm) | B<br>(mm) | Dynamisch<br>Динамическая<br>C             | Statisch<br>Статическая<br>C <sub>0</sub> |                                           |                            | Offen mit Deckscheibe auf<br>Открытый, с защитной шайбой |                            |                                 |
|                                  |           |           |                                            |                                           |                                           |                            | einseitig<br>Односторонняя                               | beidseitig<br>Двусторонняя |                                 |
| 10                               | 30        | 9         | 5.3                                        | 2.32                                      | 32300                                     | 0.032                      | 6200-ZNR                                                 | 6200-ZZNR                  | SP 30                           |
| 12                               | 32        | 10        | 7.14                                       | 3.04                                      | 30400                                     | 0.037                      | 6201-ZNR                                                 | 6201-ZZNR                  | SP 32                           |
| 15                               | 35        | 11        | 7.9                                        | 3.68                                      | 26600                                     | 0.045                      | 6202-ZNR                                                 | 6202-ZZNR                  | SP 35                           |
| 17                               | 40        | 12        | 9.76                                       | 4.66                                      | 22800                                     | 0.065                      | 6203-ZNR                                                 | 6203-ZZNR                  | SP 40                           |
|                                  | 47        | 14        | 14.02                                      | 6.42                                      | 20900                                     | 0.12                       | 6303-ZNR                                                 | 6303-ZZNR                  | SP 47                           |
| 20                               | 42        | 12        | 9.76                                       | 4.9                                       | 22800                                     | 0.069                      | 6004-ZNR                                                 | 6004-ZZNR                  | SP 42                           |
|                                  | 47        | 14        | 13.23                                      | 6.42                                      | 19000                                     | 0.11                       | 6204-ZNR                                                 | 6204-ZZNR                  | SP 47                           |
|                                  | 52        | 15        | 16.47                                      | 7.65                                      | 18050                                     | 0.14                       | 6304-ZNR                                                 | 6304-ZZNR                  | SP 52                           |
| 25                               | 47        | 12        | 11.67                                      | 6.42                                      | 19000                                     | 0.08                       | 6005-ZNR                                                 | 6005-ZZNR                  | SP 47                           |
|                                  | 52        | 15        | 14.51                                      | 7.65                                      | 17100                                     | 0.13                       | 6205-ZNR                                                 | 6205-ZZNR                  | SP 52                           |
|                                  | 62        | 17        | 22.94                                      | 11.37                                     | 15200                                     | 0.23                       | 6305-ZNR                                                 | 6305-ZZNR                  | SP 62                           |
| 30                               | 62        | 16        | 19.9                                       | 10.98                                     | 14250                                     | 0.2                        | 6206-ZNR                                                 | 6206-ZZNR                  | SP 62                           |
|                                  | 72        | 19        | 29.01                                      | 15.68                                     | 12350                                     | 0.35                       | 6306-ZNR                                                 | 6306-ZZNR                  | SP 72                           |
| 35                               | 72        | 17        | 26.46                                      | 15                                        | 12350                                     | 0.29                       | 6207-ZNR                                                 | 6207-ZZNR                  | SP 72                           |
|                                  | 80        | 21        | 34.4                                       | 18.62                                     | 11400                                     | 0.46                       | 6307-ZNR                                                 | 6307-ZZNR                  | SP 80                           |
| 40                               | 80        | 18        | 31.85                                      | 18.62                                     | 10450                                     | 0.37                       | 6208-ZNR                                                 | 6208-ZZNR                  | SP 80                           |
|                                  | 90        | 23        | 41.46                                      | 23.52                                     | 10450                                     | 0.63                       | 6308-ZNR                                                 | 6308-ZZNR                  | SP 90                           |
| 45                               | 85        | 19        | 34.4                                       | 21.17                                     | 10450                                     | 0.41                       | 6209-ZNR                                                 | 6209-ZZNR                  | SP 85                           |
|                                  | 100       | 25        | 54.2                                       | 30.87                                     | 9025                                      | 0.83                       | 6309-ZNR                                                 | 6309-ZZNR                  | SP 100                          |
| 50                               | 90        | 20        | 36.36                                      | 22.74                                     | 9500                                      | 0.46                       | 6210-ZNR                                                 | 6210-ZZNR                  | SP 90                           |
|                                  | 110       | 27        | 63.7                                       | 37.24                                     | 8075                                      | 1.05                       | 6310-ZNR                                                 | 6310-ZZNR                  | SP 110                          |
| 55                               | 100       | 21        | 45.28                                      | 28.42                                     | 8550                                      | 0.61                       | 6211-ZNR                                                 | 6211-ZZNR                  | SP 100                          |
|                                  | 120       | 29        | 72.62                                      | 44.1                                      | 7600                                      | 1.35                       | 6311-ZNR                                                 | 6311-ZZNR                  | SP 120                          |
| 60                               | 110       | 22        | 54.2                                       | 35.28                                     | 7600                                      | 0.78                       | 6212-ZNR                                                 | 6212-ZZNR                  | SP 110                          |
|                                  | 130       | 31        | 83.5                                       | 50.96                                     | 6650                                      | 1.7                        | 6312-ZNR                                                 | 6312-ZZNR                  | SP 130                          |
| 65                               | 120       | 23        | 57.33                                      | 39.69                                     | 7125                                      | 0.99                       | 6213-ZNR                                                 | 6213-ZZNR                  | SP 120                          |
|                                  | 140       | 33        | 95.55                                      | 58.8                                      | 6365                                      | 2.1                        | 6313-ZNR                                                 | 6313-ZZNR                  | SP 140                          |
| 70                               | 125       | 24        | 62.43                                      | 44.1                                      | 6650                                      | 1.05                       | 6214-ZNR                                                 | 6214-ZZNR                  | SP 125                          |
|                                  | 150       | 35        | 108.78                                     | 66.64                                     | 5985                                      | 2.5                        | 6314-ZNR                                                 | 6314-ZZNR                  | SP 150                          |

\* Für nur einseitig abgedichtete Lager gelten die Grenzdrehzahlen der offenen Lager.

\* Для подшипников с односторонней защитной шайбой действительны предельные скорости подшипников открытого типа

