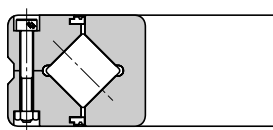


Model RB



Model RB...UU

Unit: mm

| Shaft diameter | Model No.         | Major dimensions |                |                              |                  |               |     |           | Shoulder dimensions |      | Basic load rating (radial) |                | Mass |
|----------------|-------------------|------------------|----------------|------------------------------|------------------|---------------|-----|-----------|---------------------|------|----------------------------|----------------|------|
|                |                   | Inner diameter   | Outer diameter | Roller pitch circle diameter | Width            | Greasing hole |     | $r_{min}$ | ds                  | Dh   | C                          | C <sub>0</sub> | kg   |
|                |                   | d                | D              | dp                           | B B <sub>1</sub> | a             | b   |           |                     |      | kN                         | kN             |      |
| 170            | <b>RB 17020</b>   | 170              | 220            | 191                          | 20               | 3.5           | 1.6 | 1.5       | 184                 | 198  | 29                         | 62.1           | 2.21 |
| 180            | <b>RB 18025</b>   | 180              | 240            | 210                          | 25               | 3.5           | 2   | 1.5       | 195                 | 225  | 84                         | 143            | 3.44 |
| 190            | <b>RB 19025</b>   | 190              | 240            | 211.9                        | 25               | 3.5           | 1.6 | 1         | 202                 | 222  | 41.7                       | 82.9           | 2.99 |
| 200            | <b>RB 20025</b>   | 200              | 260            | 230                          | 25               | 3.5           | 2   | 2         | 215                 | 245  | 84.2                       | 157            | 4    |
|                | <b>RB 20030</b>   |                  | 280            | 240                          | 30               | 4.5           | 3   | 2         | 221                 | 258  | 114                        | 200            | 6.7  |
|                | <b>RB 20035</b>   |                  | 295            | 247.7                        | 35               | 5             | 3   | 2         | 225                 | 270  | 151                        | 252            | 9.6  |
| 220            | <b>RB 22025</b>   | 220              | 280            | 250.1                        | 25               | 3.5           | 2   | 2         | 235                 | 265  | 92.3                       | 171            | 4.1  |
| 240            | <b>RB 24025</b>   | 240              | 300            | 269                          | 25               | 3.5           | 2   | 2.5       | 256                 | 281  | 68.3                       | 145            | 4.5  |
| 250            | <b>RB 25025</b>   | 250              | 310            | 277.5                        | 25               | 3.5           | 2   | 2.5       | 265                 | 290  | 69.3                       | 150            | 5    |
|                | <b>RB 25030</b>   |                  | 330            | 287.5                        | 30               | 4.5           | 3   | 2.5       | 269                 | 306  | 126                        | 244            | 8.1  |
|                | <b>RB 25040</b>   |                  | 355            | 300.7                        | 40               | 6             | 3.5 | 2.5       | 275                 | 326  | 195                        | 348            | 14.8 |
| 300            | <b>RB 30025</b>   | 300              | 360            | 328                          | 25               | 3.5           | 2   | 2.5       | 315                 | 340  | 76.3                       | 178            | 5.9  |
|                | <b>RB 30035</b>   |                  | 395            | 345                          | 35               | 5             | 3   | 2.5       | 322                 | 368  | 183                        | 367            | 13.4 |
|                | <b>RB 30040</b>   |                  | 405            | 351.6                        | 40               | 6             | 3.5 | 2.5       | 326                 | 377  | 212                        | 409            | 17.2 |
| 350            | <b>RB 35020</b>   | 350              | 400            | 373.4                        | 20               | 3.5           | 1.6 | 2.5       | 363                 | 383  | 54.1                       | 143            | 3.9  |
| 400            | <b>RB 40035</b>   | 400              | 480            | 440.3                        | 35               | 5             | 3   | 2.5       | 422                 | 459  | 156                        | 370            | 14.5 |
|                | <b>RB 40040</b>   |                  | 510            | 453.4                        | 40               | 6             | 3.5 | 2.5       | 428                 | 479  | 241                        | 531            | 23.5 |
| 450            | <b>RB 45025</b>   | 450              | 500            | 474                          | 25               | 3.5           | 1.6 | 1         | 464                 | 484  | 61.7                       | 182            | 6.6  |
| 500            | <b>RB 50025</b>   | 500              | 550            | 524.2                        | 25               | 3.5           | 1.6 | 1         | 514                 | 534  | 65.5                       | 201            | 7.3  |
|                | <b>RB 50040</b>   |                  | 600            | 548.8                        | 40               | 6             | 3   | 2.5       | 526                 | 572  | 239                        | 607            | 26   |
|                | <b>RB 50050</b>   |                  | 625            | 561.6                        | 50               | 6             | 3.5 | 2.5       | 536                 | 587  | 267                        | 653            | 41.7 |
| 600            | <b>RB 60040</b>   | 600              | 700            | 650                          | 40               | 6             | 3   | 3         | 627                 | 673  | 264                        | 721            | 29   |
| 700            | <b>RB 70045</b>   | 700              | 815            | 753.5                        | 45               | 6             | 3   | 3         | 731                 | 777  | 281                        | 836            | 46   |
| 800            | <b>RB 80070</b>   | 800              | 950            | 868.1                        | 70               | 6             | 4   | 4         | 836                 | 900  | 468                        | 1330           | 105  |
| 900            | <b>RB 90070</b>   | 900              | 1050           | 969                          | 70               | 6             | 4   | 4         | 937                 | 1001 | 494                        | 1490           | 120  |
| 1000           | <b>RB 1000110</b> | 1000             | 1250           | 1114                         | 110              | 6             | 6   | 5         | 1057                | 1171 | 1220                       | 3220           | 360  |
| 1250           | <b>RB 1250110</b> | 1250             | 1500           | 1365.8                       | 110              | 6             | 6   | 5         | 1308                | 1423 | 1350                       | 3970           | 440  |



Model number of a part with seals attached is RB...UU.

If a certain level of accuracy is required, use this model for inner ring rotation.

For the model number coding, see P.16.