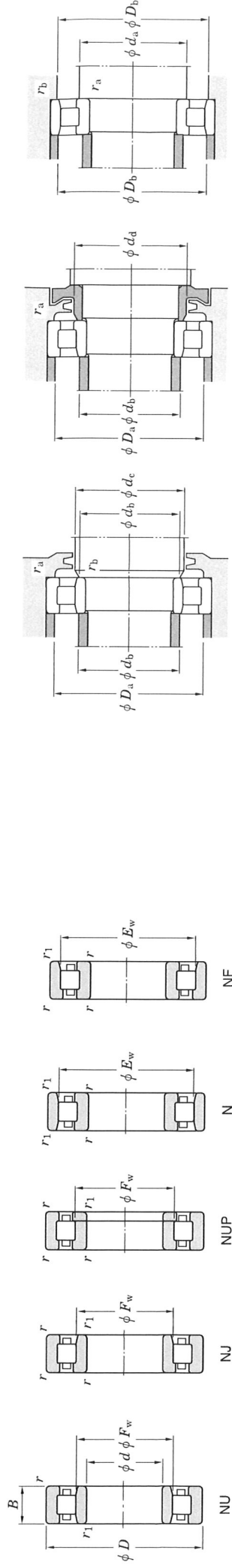


$d$  (30) ~ (45) mm

| Boundary dimensions<br>(mm) |      |      |           |                        |                | Basic load ratings<br>(kN) |                |                 | Limiting speeds<br>(min <sup>-1</sup> ) |          | Bearing No.     |             |                    | Mounting dimensions<br>(mm) |            |                        |                        |                        |                        |                        |                        |                        |                        | Refer.<br>NU<br>(N)<br>(kg) |
|-----------------------------|------|------|-----------|------------------------|----------------|----------------------------|----------------|-----------------|-----------------------------------------|----------|-----------------|-------------|--------------------|-----------------------------|------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|-----------------------------|
| d                           | D    | B    | r<br>min. | r <sub>1</sub><br>min. | F <sub>w</sub> | E <sub>w</sub>             | C <sub>r</sub> | C <sub>0r</sub> | Grease                                  | Oil lub. | NU              | NJ          | NUP                | N                           | NF         | d <sub>a</sub><br>min. | d <sub>b</sub><br>min. | d <sub>c</sub><br>min. | d <sub>d</sub><br>min. | D <sub>a</sub><br>max. | D <sub>b</sub><br>max. | r <sub>a</sub><br>max. | r <sub>b</sub><br>max. |                             |
| 30                          | 72   | 30.2 | 1.1       | 1.1                    | 42             | —                          | 86.4           | 74.3            | 7 700                                   | 12 000   | NU3306<br>NU406 | —<br>NJ406  | —<br>NUP406        | —<br>N406                   | —<br>NF406 | 36.5                   | 36.5                   | 40                     | 44                     | —                      | 65.5                   | —                      | —                      | 1                           |
|                             | 90   | 23   | 1.5       | 1.5                    | 45             | 73                         | 78.3           | 55.0            | 7 600                                   | 10 000   |                 |             |                    |                             |            | 38                     | 38                     | 44                     | 47                     | 52                     | 82                     | 82                     | 74                     | 1.5                         |
| 35                          | 62   | 14   | 1         | 0.6                    | 42             | —                          | 28.3           | 23.2            | 11 000                                  | 13 000   | NU1007          | —<br>NJ207R | NUP1007<br>NUP207R | —<br>N207                   | —<br>NF207 | 40                     | 39                     | 41                     | 44                     | —                      | 57                     | —                      | —                      | 1                           |
|                             | 72   | 17   | 1.1       | 0.6                    | —              | 61.8                       | 44.6           | 31.5            | 9 500                                   | 11 000   |                 |             |                    |                             |            | 41.5                   | —                      | —                      | 50                     | 65.5                   | 68                     | 64                     | 1                      | 0.6                         |
|                             | 72   | 17   | 1.1       | 0.6                    | 44             | —                          | 62.9           | 50.2            | 9 300                                   | 11 000   | 41.5            | 39          | 43                 | 46                          | 50         | 65.5                   | —                      | —                      | 1                      | 0.6                    |                        |                        |                        |                             |
|                             | 72   | 23   | 1.1       | 0.6                    | 43.8           | —                          | 61.3           | 51.2            | 8 500                                   | 11 000   | 41.5            | 39          | 43                 | 46                          | 50         | 65.5                   | —                      | —                      | 1                      | 0.6                    |                        |                        |                        |                             |
|                             | 72   | 23   | 1.1       | 0.6                    | 44             | —                          | 77.1           | 65.3            | 8 300                                   | 11 000   | 41.5            | 39          | 43                 | 46                          | 50         | 65.5                   | —                      | —                      | 1                      | 0.6                    |                        |                        |                        |                             |
|                             | 72   | 27   | 1.1       | 1.1                    | 43.8           | —                          | 68.5           | 59.1            | 7 600                                   | 11 000   | 41.5            | 41.5        | 43                 | 46                          | —          | 65.5                   | —                      | —                      | 1                      | 0.6                    |                        |                        |                        |                             |
|                             | 80   | 21   | 1.5       | 1.1                    | —              | 68.2                       | 62.0           | 46.9            | 7 900                                   | 10 000   | —               | —<br>NJ307R | —<br>NUP307R       | N307                        | NF307      | 43                     | —                      | —                      | —                      | 72                     | 73.5                   | 71                     | 1                      |                             |
|                             | 80   | 21   | 1.5       | 1.1                    | 46.2           | —                          | 83.3           | 65.4            | 7 700                                   | 10 000   | NU307R          | NJ307R      | NUP307R            | —                           | —          | 43                     | 41.5                   | 45                     | 48                     | 53                     | 72                     | —                      | 1.5                    |                             |
|                             | 80   | 31   | 1.5       | 1.1                    | 46.2           | —                          | 75.5           | 65.7            | 7 000                                   | 10 000   | NU2307          | NJ2307      | NUP2307            | —                           | —          | 43                     | 41.5                   | 45                     | 48                     | 53                     | 72                     | —                      | 1.5                    |                             |
|                             | 80   | 31   | 1.5       | 1.1                    | 46.2           | —                          | 116            | 101             | 6 900                                   | 10 000   | NU2307R         | NJ2307R     | NUP2307R           | —                           | —          | 43                     | 41.5                   | 45                     | 48                     | 53                     | 72                     | —                      | 1.5                    |                             |
| 80                          | 34.9 | 1.5  | 1.5       | 46.2                   | —              | 102                        | 89.1           | 7 000           | 10 000                                  | NU3307   | —               | —           | —                  | —                           | —          | 43                     | 43                     | 45                     | 48                     | —                      | 72                     | —                      | 1.5                    |                             |
| 100                         | 25   | 1.5  | 1.5       | 53                     | 83             | 94.1                       | 68.9           | 6 600           | 8 800                                   | NU407    | NJ407           | NUP407      | N407               | NF407                       | 43         | 43                     | 52                     | 55                     | 61                     | 92                     | 92                     | 84                     | 1.5                    |                             |
| 40                          | 68   | 15   | 1         | 0.6                    | 47             | —                          | 31.2           | 25.7            | 10 000                                  | 12 000   | NU1008          | —<br>NJ208R | NUP1008<br>NUP208R | —<br>N208                   | —<br>NF208 | 45                     | 44                     | 46                     | 49                     | —                      | 63                     | —                      | —                      | 1                           |
|                             | 80   | 18   | 1.1       | 1.1                    | —              | 70                         | 54.7           | 42.9            | 8 300                                   | 10 000   |                 |             |                    |                             |            | 46.5                   | —                      | —                      | 56                     | 73.5                   | 73.5                   | 72                     | 1                      | 1                           |
|                             | 80   | 18   | 1.1       | 1.1                    | 49.5           | —                          | 69.6           | 55.4            | 8 300                                   | 9 900    | —               | NJ208R      | NUP208R            | —                           | —          | 46.5                   | 46.5                   | 49                     | 52                     | 56                     | 73.5                   | —                      | 1                      |                             |
|                             | 80   | 23   | 1.1       | 1.1                    | 50             | —                          | 72.8           | 62.0            | 7 500                                   | 10 000   | NU2208          | NJ2208      | NUP2208            | —                           | —          | 46.5                   | 46.5                   | 49                     | 52                     | 56                     | 73.5                   | —                      | 1                      |                             |
|                             | 80   | 23   | 1.1       | 1.1                    | 49.5           | —                          | 90.5           | 77.6            | 7 400                                   | 9 900    | NU2208R         | NJ2208R     | NUP2208R           | —                           | —          | 46.5                   | 46.5                   | 49                     | 52                     | 56                     | 73.5                   | —                      | 1                      |                             |
|                             | 80   | 30.2 | 1.1       | 1.1                    | 50             | —                          | 97.8           | 90.6            | 6 700                                   | 10 000   | NU3208          | —           | —                  | —                           | —          | 46.5                   | 46.5                   | 49                     | 52                     | —                      | 73.5                   | —                      | 1                      |                             |
|                             | 90   | 23   | 1.5       | 1.5                    | —              | 77.5                       | 73.4           | 56.9            | 6 900                                   | 9 100    | —               | —<br>NJ308R | —<br>NUP308R       | N308                        | NF308      | 48                     | —                      | —                      | —                      | 60                     | 82                     | 82                     | 1.5                    |                             |
|                             | 90   | 23   | 1.5       | 1.5                    | 52             | —                          | 104            | 81.5            | 6 800                                   | 9 100    | NU308R          | NJ308R      | NUP308R            | —                           | —          | 48                     | 48                     | 51                     | 55                     | 60                     | 82                     | —                      | 1.5                    |                             |
|                             | 90   | 33   | 1.5       | 1.5                    | 53.5           | —                          | 103            | 88.0            | 6 100                                   | 9 100    | NU2308          | NJ2308      | NUP2308            | —                           | —          | 48                     | 48                     | 51                     | 55                     | 60                     | 82                     | —                      | 1.5                    |                             |
|                             | 90   | 33   | 1.5       | 1.5                    | 52             | —                          | 143            | 122             | 6 100                                   | 9 100    | NU2308R         | NJ2308R     | NUP2308R           | —                           | —          | 48                     | 48                     | 51                     | 55                     | 60                     | 82                     | —                      | 1.5                    |                             |
| 90                          | 36.5 | 1.5  | 1.5       | 53.5                   | —              | 130                        | 119            | 6 100           | 9 100                                   | NU3308   | —               | —           | —                  | —                           | —          | 48                     | 48                     | 51                     | 55                     | —                      | 82                     | —                      | 1.5                    |                             |
| 110                         | 27   | 2    | 2         | 58                     | 92             | 120                        | 89.1           | 6 000           | 8 000                                   | NU408    | NJ408           | NUP408      | N408               | NF408                       | 49         | 49                     | 57                     | 60                     | 67                     | 101                    | 101                    | 93                     | 2                      |                             |
| 45                          | 75   | 16   | 1         | 0.6                    | 52.5           | —                          | 38.9           | 33.8            | 9 200                                   | 11 000   | NU1009          | —           | NUP1009            | —                           | —          | 50                     | 49                     | 52                     | 54                     | —                      | 70                     | —                      | —                      | 1                           |
|                             |      |      |           |                        |                |                            |                |                 |                                         |          |                 |             |                    |                             |            |                        |                        |                        |                        |                        |                        |                        |                        | 0.6                         |
|                             |      |      |           |                        |                |                            |                |                 |                                         |          |                 |             |                    |                             |            |                        |                        |                        |                        |                        |                        |                        |                        | 0.289                       |

[Remarks] 1) Standard cage types used for the above bearings are shown in Table 1 earlier in this section. Please note that basic load ratings and limiting speeds shown above indicate the value applicable to machined cage. Consult JTEKT about bearings with pressed cage, since they may be different from bearings with machined cage in values above.

2) Bearing numbers of NU and NJ type bearings with mounted thrust collar (refer to specification table shown after this specification table) are NUJ and NH.