

| Principal dimensions (mm) |     |    | Basic load ratings KN |            | Pu  | Min Loading A | Speed ratings rpm |                | Weight kg | Designation | Dimensions mm |                     |                     |      |                |                         | Abutment and fillet mm |           |                       | Designations                                  |                 |                   |
|---------------------------|-----|----|-----------------------|------------|-----|---------------|-------------------|----------------|-----------|-------------|---------------|---------------------|---------------------|------|----------------|-------------------------|------------------------|-----------|-----------------------|---|-----------------|-------------------|
| d                         | D   | H  | dyc<br>Cr             | stc<br>Cor |     |               | Speed Ratings     | Limiting Speed |           |             | d             | d <sub>1</sub><br>~ | D <sub>1</sub><br>~ | B    | D <sub>w</sub> | r <sub>1,2</sub><br>Min | d <sub>a</sub><br>Min  | Da<br>Max | r <sub>a</sub><br>Max | Cylindrical<br>Rollers-<br>Cage<br>Assemblies | Shaft<br>washer | Housing<br>washer |
| mm                        |     |    | kN                    |            | kN  | -             | r/min             |                | kg        | -           | mm            |                     |                     |      |                |                         | mm                     |           |                       | -   |                 |                   |
| 140                       | 200 | 46 | 360                   | 1400       | 129 | 0,16          | 700               | 1400           | 4,55      | 81228M      | 140           | 197                 | 143                 | 13,5 | 19             | 1,5                     | 191                    | 147       | 1,5                   | K81228M                                       | WS81228         | GS81228           |
| 150                       | 215 | 50 | 465                   | 1900       | 170 | 0,29          | 630               | 1300           | 5,90      | 81230M      | 150           | 212                 | 153                 | 14,5 | 21             | 1,5                     | 211                    | 158       | 1,5                   | K81230M                                       | WS81230         | GS81230           |
| 160                       | 225 | 51 | 480                   | 2000       | 176 | 0,32          | 600               | 1200           | 6,20      | 81232M      | 160           | 222                 | 163                 | 15   | 21             | 1,5                     | 220                    | 168       | 1,5                   | K81232M                                       | WS81232         | GS81232           |
| 170                       | 240 | 55 | 540                   | 2280       | 200 | 0,42          | 560               | 1100           | 7,70      | 81234M      | 170           | 237                 | 173                 | 16,5 | 22             | 1,5                     | 235                    | 180       | 1,5                   | K81234M                                       | WS81234         | GS81234           |
| 180                       | 225 | 34 | 270                   | 1270       | 110 | 0,13          | 750               | 1500           | 3,05      | 81136M      | 180           | 222                 | 183                 | 10   | 14             | 1,1                     | 219                    | 185       | 1                     | K81136M                                       | WS81136         | GS81136           |
| 180                       | 250 | 56 | 550                   | 2400       | 204 | 0,46          | 560               | 1100           | 8,25      | 81236M      | 180           | 247                 | 183                 | 17   | 22             | 1,5                     | 245                    | 190       | 1,5                   | K81236M                                       | WS81236         | GS81236           |
| 190                       | 240 | 37 | 310                   | 1460       | 125 | 0,17          | 700               | 1400           | 3,85      | 81138M      | 190           | 237                 | 193                 | 11   | 15             | 1,1                     | 233                    | 197       | 1                     | K81138M                                       | WS81138         | GS81138           |
| 190                       | 270 | 62 | 695                   | 2900       | 250 | 0,67          | 500               | 1000           | 10,5      | 81238M      | 190           | 267                 | 194                 | 18   | 26             | 2                       | 265                    | 200       | 2                     | K81238M                                       | WS81238         | GS81238           |
| 200                       | 250 | 37 | 310                   | 1500       | 127 | 0,18          | 700               | 1400           | 4,00      | 81140M      | 200           | 247                 | 203                 | 11   | 15             | 1,1                     | 243                    | 206       | 1                     | K81140M                                       | WS81140         | GS81140           |
| 200                       | 280 | 62 | 720                   | 3100       | 255 | 0,77          | 500               | 1000           | 12,0      | 81240M      | 200           | 277                 | 204                 | 18   | 26             | 2                       | 275                    | 210       | 2                     | K81240M                                       | WS81240         | GS81240           |
| 220                       | 270 | 37 | 335                   | 1700       | 137 | 0,23          | 670               | 1300           | 4,50      | 81144M      | 220           | 267                 | 223                 | 11   | 15             | 1,1                     | 263                    | 226       | 1                     | K81144M                                       | WS81144         | GS81144           |
| 220                       | 300 | 63 | 750                   | 3350       | 275 | 0,90          | 480               | 950            | 13,0      | 81244M      | 220           | 297                 | 224                 | 18,5 | 26             | 2                       | 296                    | 230       | 2                     | K81244M                                       | WS81244         | GS81244           |