

| Principal dimensions (mm) |     |    | Basic load ratings KN |         | Pu   | Speed ratings rpm |      | Weight kg | Designation   |                | Dimensions mm            |                         |     |     |         | Abutment and fillet dimensions mm |       |         |          | Value  |        |        |        |
|---------------------------|-----|----|-----------------------|---------|------|-------------------|------|-----------|---------------|----------------|--------------------------|-------------------------|-----|-----|---------|-----------------------------------|-------|---------|----------|--------|--------|--------|--------|
| 基本尺寸                      |     |    | 基本额定负荷                |         |      | 额定转速              |      |           | Speed Ratings | Limiting Speed | With seals on both sides | With seals on one sides | 尺寸  |     |         |                                   |       | 挡肩及倒角尺寸 |          |        |        | 计算系数   |        |
| d                         | D   | B  | dyc Cr                | stc Cor |      | 疲劳负荷极限            | 参考转速 |           |               |                | 极限转速                     | 质量                      | 型号  |     | d       | d1 ~                              | D1 ~  | D2 ~    | r1,2 Min | da Min | da Max | Da Max | ra Max |
|                           |     |    | 动态                    | 静态      |      |                   |      |           | 双侧带密封         | 单侧带密封          |                          |                         |     |     | r1,2 最小 | da 最小                             | da 最大 | Da 最大   | ra 最大    |        |        |        |        |
| 60                        | 110 | 22 | 55.3                  | 36      | 1.53 | 13000             | 4000 | 0.78      | *6212-2RS1    | *6212-RS1      | 60                       | 75.5                    | -   | 98  | 1.5     | 69                                | -     | 101     | 1.5      | 0.025  | 14     |        |        |
| 60                        | 110 | 22 | 55.3                  | 36      | 1.53 | 13000             | 6300 | 0.78      | *6212-Z       | *6212-Z        | 60                       | 75.5                    | -   | 98  | 1.5     | 69                                | -     | 101     | 1.5      | 0.025  | 14     |        |        |
| 65                        | 120 | 23 | 58.5                  | 40.5    | 1.73 | 12000             | 3600 | 0.99      | *6213-2RS1    | *6213-RS1      | 65                       | 83.3                    | -   | 106 | 1.5     | 74                                | -     | 111     | 1.5      | 0.025  | 15     |        |        |
| 65                        | 120 | 23 | 58.5                  | 40.5    | 1.73 | 12000             | 6000 | 0.99      | *6213-Z       | *6213-Z        | 65                       | 83.3                    | -   | 106 | 1.5     | 74                                | -     | 111     | 1.5      | 0.025  | 15     |        |        |
| 85                        | 150 | 28 | 87.1                  | 64      | 2.5  | 9000              | 2800 | 1.8       | *6217-2RS1    | *6217-RS1      | 85                       | 106                     | -   | 134 | 2       | 94                                | -     | 141     | 2        | 0.025  | 15     |        |        |
| 85                        | 150 | 28 | 87.1                  | 64      | 2.5  | 9000              | 4500 | 1.8       | *6217-Z       | *6217-Z        | 85                       | 106                     | -   | 134 | 2       | 94                                | -     | 141     | 2        | 0.025  | 15     |        |        |
| 90                        | 160 | 30 | 101                   | 73.5    | 2.8  | 8500              | 2600 | 2.15      | *6218-2RS1    | *6218-RS1      | 90                       | -                       | 106 | 143 | 2       | 101                               | 105   | 149     | 2        | 0.025  | 15     |        |        |
| 90                        | 160 | 30 | 101                   | 73.5    | 2.8  | 8500              | 4300 | 2.15      | *6218-Z       | *6218-Z        | 90                       | 113                     | -   | 143 | 2       | 101                               | -     | 149     | 2        | 0.025  | 15     |        |        |
| 95                        | 170 | 32 | 114                   | 81.5    | 3    | 8000              | 2400 | 2.6       | *6219-2RS1    | *6219-RS1      | 95                       | -                       | 112 | 151 | 2.1     | 106                               | 111   | 159     | 2        | 0.025  | 14     |        |        |
| 95                        | 170 | 32 | 114                   | 81.5    | 3    | 8000              | 4000 | 2.6       | *6219-Z       | *6219-Z        | 95                       | 118                     | -   | 151 | 2.1     | 106                               | -     | 159     | 2        | 0.025  | 14     |        |        |
| 100                       | 180 | 34 | 127                   | 93      | 3.35 | 7500              | 2400 | 3.15      | *6220-2RS1    | *6220-RS1      | 100                      | -                       | 118 | 160 | 2.1     | 111                               | 117   | 169     | 2        | 0.025  | 14     |        |        |
| 100                       | 180 | 34 | 127                   | 93      | 3.35 | 7500              | 3800 | 3.15      | *6220-Z       | *6220-Z        | 100                      | 125                     | -   | 160 | 2.1     | 111                               | -     | 169     | 2        | 0.025  | 14     |        |        |
| 105                       | 190 | 36 | 140                   | 104     | 3.65 | 7000              | 2200 | 3.7       | *6221-2RS1    | *6221-RS1      | 105                      | -                       | 125 | 167 | 2.1     | 117                               | 124   | 178     | 2        | 0.025  | 14     |        |        |
| 105                       | 190 | 36 | 140                   | 104     | 3.65 | 7000              | 3600 | 3.7       | *6221-Z       | *6221-Z        | 105                      | 131                     | -   | 167 | 2.1     | 117                               | -     | 178     | 2        | 0.025  | 14     |        |        |
| 110                       | 200 | 38 | 151                   | 118     | 4    | 6700              | 3400 | 4.35      | *6222-2Z      | *6222-Z        | 110                      | 138                     | -   | 177 | 2.1     | 122                               | -     | 188     | 2        | 0.025  | 14     |        |        |
| 60                        | 110 | 28 | 52.7                  | 36      | 1.53 | 13000             | 4000 | 0.97      | 62212-2RS1    | -              | 60                       | 75.5                    | -   | 98  | 1.5     | 69                                | -     | 101     | 1.5      | 0.025  | 14     |        |        |
| 65                        | 120 | 31 | 55.9                  | 40.5    | 1.73 | 12000             | 3600 | 1.25      | 62213-2RS1    | -              | 65                       | 83.3                    | -   | 106 | 1.5     | 74                                | -     | 111     | 1.5      | 0.025  | 15     |        |        |
| 120                       | 215 | 40 | 146                   | 118     | 3.9  | 6300              | 3200 | 5.15      | 6224-Z        | 6224-Z         | 120                      | 151                     | -   | 189 | 2.1     | 132                               | -     | 203     | 2        | 0.025  | 14     |        |        |
| 130                       | 230 | 40 | 156                   | 132     | 4.15 | 5600              | 3000 | 5.8       | 6226-Z        | 6226-Z         | 130                      | 161                     | -   | 203 | 3       | 144                               | -     | 216     | 2.5      | 0.025  | 15     |        |        |
| 60                        | 130 | 46 | 81.9                  | 52      | 2.2  | 11000             | 3400 | 2.5       | 62312-2RS1    | -              | 60                       | 81.9                    | -   | 112 | 2.1     | 72                                | -     | 118     | 2        | 0.03   | 13     |        |        |
| 65                        | 140 | 48 | 92.3                  | 60      | 2.5  | 10000             | 3200 | 3         | 62313-2RS1    | -              | 65                       | 88.4                    | -   | 121 | 2.1     | 77                                | -     | 128     | 2        | 0.03   | 13     |        |        |