

# 29200 Series

| Bezeichnung | Principal dimensions (mm) |     |     | Basic load ratings (kN) |      | Pu (kN) | Min Loading A | Speed ratings rpm (r/min) |                | Weight(kg) | Abmessungen (mm) |       |       |      |      |                 |          |      |        |         | Abutment and fillet dimensions (mm) |        |        |        |  |  |
|-------------|---------------------------|-----|-----|-------------------------|------|---------|---------------|---------------------------|----------------|------------|------------------|-------|-------|------|------|-----------------|----------|------|--------|---------|-------------------------------------|--------|--------|--------|--|--|
|             | d                         | D   | H2  | dyc                     | Cr   |         |               | Reference speed           | Limiting Speed |            | d                | d1    | D1    | B    | B1   | Wälzlagergruppe | r1,2 Min | s    | da Min | db1 Max | db2 Max                             | Ha Min | Da Max | ra Max |  |  |
|             |                           |     |     |                         |      |         |               |                           |                |            |                  |       |       |      |      |                 |          |      |        |         |                                     |        |        |        |  |  |
| 29412E      | 60                        | 130 | 42  | 390                     | 915  | 114     | 0.08          | 2800                      | 5000           | 2.6        | 60               | 112.2 | 85.5  | 27   | 36.7 | 21              | 1.5      | 38   | 90     | 67      | 67                                  | -      | 107    | 1.5    |  |  |
| 29413E      | 65                        | 140 | 45  | 455                     | 1080 | 137     | 0.11          | 2600                      | 4800           | 3.2        | 65               | 120.6 | 91.5  | 29.5 | 39.8 | 22              | 2        | 42   | 100    | 72      | 72                                  | -      | 117    | 2      |  |  |
| 29414E      | 70                        | 150 | 48  | 520                     | 1250 | 153     | 0.15          | 2400                      | 4300           | 3.9        | 70               | 129.7 | 99    | 31   | 41   | 23.8            | 2        | 44.8 | 105    | 77.5    | 77.5                                | -      | 125    | 2      |  |  |
| 29415E      | 75                        | 160 | 51  | 600                     | 1430 | 173     | 0.19          | 2400                      | 4000           | 4.7        | 75               | 138.3 | 105.5 | 33.5 | 45.7 | 24.5            | 2        | 47   | 115    | 82.5    | 82.5                                | -      | 133    | 2      |  |  |
| 29416E      | 80                        | 170 | 54  | 670                     | 1630 | 193     | 0.25          | 2200                      | 3800           | 5.6        | 80               | 147.2 | 112.5 | 35   | 48.1 | 26.5            | 2.1      | 50   | 120    | 88      | 88                                  | -      | 141    | 2      |  |  |
| 29317E      | 85                        | 150 | 39  | 380                     | 1060 | 129     | 0.11          | 2400                      | 4000           | 2.75       | 85               | 134.8 | 109.5 | 24.5 | 33.8 | 20              | 1.5      | 50   | 115    | 90      | 90                                  | -      | 129    | 1.5    |  |  |
| 29417E      | 85                        | 180 | 58  | 735                     | 1800 | 212     | 0.31          | 2000                      | 3600           | 6.75       | 85               | 155.8 | 121   | 37   | 51.1 | 28              | 2.1      | 54   | 130    | 94      | 94                                  | -      | 151    | 2      |  |  |
| 29318E      | 90                        | 155 | 39  | 400                     | 1080 | 132     | 0.11          | 2400                      | 4000           | 2.85       | 90               | 138.6 | 115   | 24.5 | 34.5 | 19.5            | 1.5      | 53   | 120    | 95      | 95                                  | -      | 134    | 1.5    |  |  |
| 29418E      | 90                        | 190 | 60  | 815                     | 2000 | 232     | 0.38          | 1900                      | 3400           | 7.75       | 90               | 164.6 | 127.5 | 39   | 54   | 28.5            | 2.1      | 56   | 135    | 99      | 99                                  | -      | 158    | 2      |  |  |
| 29320E      | 100                       | 170 | 42  | 465                     | 1290 | 156     | 0.16          | 2200                      | 3600           | 3.65       | 100              | 152.3 | 127.5 | 26.2 | 36.3 | 20.5            | 1.5      | 58   | 130    | 107     | 107                                 | -      | 147    | 1.5    |  |  |
| 29420E      | 100                       | 210 | 67  | 980                     | 2500 | 275     | 0.59          | 1700                      | 3000           | 10.5       | 100              | 182.2 | 141.5 | 43   | 57.3 | 32              | 3        | 62   | 150    | 110     | 110                                 | -      | 175    | 2.5    |  |  |
| 29322E      | 110                       | 190 | 48  | 610                     | 1730 | 204     | 0.28          | 1900                      | 3200           | 5.3        | 110              | 171.1 | 140   | 30.3 | 41.7 | 24.8            | 2        | 63.8 | 145    | 117     | 117                                 | -      | 164    | 2      |  |  |
| 29422E      | 110                       | 230 | 73  | 1180                    | 3000 | 325     | 0.86          | 1600                      | 2800           | 13.5       | 110              | 199.4 | 155.5 | 47   | 64.7 | 34.7            | 3        | 69   | 165    | 120.5   | 129                                 | -      | 193    | 2.5    |  |  |
| 29324E      | 120                       | 210 | 54  | 765                     | 2120 | 245     | 0.43          | 1700                      | 2800           | 7.35       | 120              | 188.1 | 154   | 34   | 48.2 | 27              | 2.1      | 70   | 160    | 128     | 128                                 | -      | 181    | 2      |  |  |
| 29424E      | 120                       | 250 | 78  | 1370                    | 3450 | 375     | 1.1           | 1500                      | 2600           | 17.5       | 120              | 216.8 | 171   | 50.5 | 70.3 | 36.5            | 4        | 74   | 180    | 132     | 142                                 | -      | 209    | 3      |  |  |
| 29326E      | 130                       | 225 | 58  | 865                     | 2500 | 280     | 0.59          | 1600                      | 2600           | 9          | 130              | 203.4 | 165.5 | 36.7 | 50.6 | 30.1            | 2.1      | 75.6 | 175    | 138     | 143                                 | -      | 194    | 2      |  |  |
| 29426E      | 130                       | 270 | 85  | 1560                    | 4050 | 430     | 1.6           | 1300                      | 2400           | 22         | 130              | 234.4 | 184.5 | 54   | 76   | 40.9            | 4        | 81   | 195    | 142.5   | 153                                 | -      | 227    | 3      |  |  |
| 29328E      | 140                       | 240 | 60  | 980                     | 2850 | 315     | 0.77          | 1500                      | 2600           | 10.5       | 140              | 216.1 | 177   | 38.5 | 54   | 30              | 2.1      | 82   | 185    | 148     | 154                                 | -      | 208    | 2      |  |  |
| 29428E      | 140                       | 280 | 85  | 1630                    | 4300 | 455     | 1.8           | 1300                      | 2400           | 23         | 140              | 245.4 | 194.5 | 54   | 75.6 | 41              | 4        | 86   | 205    | 153     | 162                                 | -      | 236    | 3      |  |  |
| 29230E      | 150                       | 215 | 39  | 408                     | 1600 | 180     | 0.24          | 1800                      | 2800           | 4.3        | 150              | 200.4 | 176   | 24   | 34.3 | 20.5            | 1.5      | 82   | 180    | 154     | 154                                 | 14     | 193    | 1.5    |  |  |
| 29330E      | 150                       | 250 | 60  | 1000                    | 2850 | 315     | 0.77          | 1500                      | 2400           | 11         | 150              | 223.9 | 190   | 38   | 54.9 | 28              | 2.1      | 87   | 195    | 158     | 163                                 | -      | 219    | 2      |  |  |
| 29430E      | 150                       | 300 | 90  | 1860                    | 5100 | 520     | 2.5           | 1200                      | 2200           | 28         | 150              | 262.9 | 207.5 | 58   | 80.8 | 43.4            | 4        | 92   | 220    | 163     | 175                                 | -      | 253    | 3      |  |  |
| 29332E      | 160                       | 270 | 67  | 1180                    | 3450 | 375     | 1.1           | 1300                      | 2200           | 14.5       | 160              | 243.5 | 203   | 42   | 60   | 33              | 3        | 92   | 210    | 169     | 176                                 | -      | 235    | 2.5    |  |  |
| 29432E      | 160                       | 320 | 95  | 2080                    | 5600 | 570     | 3             | 1100                      | 2000           | 33.5       | 160              | 279.3 | 223.5 | 60.5 | 84.3 | 45.5            | 5        | 99   | 235    | 175     | 189                                 | -      | 270    | 4      |  |  |
| 29334E      | 170                       | 280 | 67  | 1200                    | 3550 | 365     | 1.2           | 1300                      | 2200           | 15         | 170              | 251.2 | 215   | 42.2 | 61   | 30.5            | 3        | 96   | 220    | 178     | 188                                 | -      | 245    | 2.5    |  |  |
| 29434E      | 170                       | 340 | 103 | 2360                    | 6550 | 640     | 4.1           | 1100                      | 1900           | 44.5       | 170              | 297.7 | 236   | 65.5 | 91.2 | 50              | 5        | 104  | 250    | 185     | 199                                 | -      | 286    | 4      |  |  |
| 29236E      | 180                       | 250 | 42  | 495                     | 2040 | 212     | 0.4           | 1600                      | 2600           | 5.8        | 180              | 234.4 | 208   | 26   | 36.9 | 22              | 1.5      | 97   | 210    | 187     | 187                                 | 14     | 226    | 1.5    |  |  |
| 29336E      | 180                       | 300 | 73  | 1430                    | 4300 | 440     | 1.8           | 1200                      | 2000           | 19.5       | 180              | 270   | 227   | 46   | 66.2 | 35.5            | 3        | 103  | 235    | 189     | 195                                 | -      | 262    | 2.5    |  |  |
| 29436E      | 180                       | 360 | 109 | 2600                    | 7350 | 710     | 5.1           | 1000                      | 1800           | 52.5       | 180              | 315.9 | 250   | 69.5 | 96.4 | 53              | 5        | 110  | 265    | 196     | 210                                 | -      | 304    | 4      |  |  |
| 29338E      | 190                       | 320 | 78  | 1630                    | 4750 | 490     | 2.1           | 1100                      | 1900           | 23.5       | 190              | 285.6 | 243.5 | 49   | 71.3 | 36              | 4        | 110  | 250    | 200     | 211                                 | -      | 280    | 3      |  |  |