

| Principal dimensions |     |     | Basic load ratings<br>(KN) |      | Pu         | Speed ratings    |                   | Weight | Designation       | ISO335            | Dimensions (mm) |                |     |      |                  |                  |     | Abutment and fillet dimensions (mm) |                |     |     |     |     |     |                |                |      | Value |                |  |
|----------------------|-----|-----|----------------------------|------|------------|------------------|-------------------|--------|-------------------|-------------------|-----------------|----------------|-----|------|------------------|------------------|-----|-------------------------------------|----------------|-----|-----|-----|-----|-----|----------------|----------------|------|-------|----------------|--|
| 基本尺寸                 |     |     | 基本额定负荷                     |      | 疲劳负荷<br>极限 | 额定转速             |                   | 重量     | 型号                | Dimensions (ABMA) | 尺寸              |                |     |      |                  |                  |     | 安装尺寸                                |                |     |     |     |     |     |                |                |      | 计算系数  |                |  |
| d <sub>1</sub>       | D   | B   | dyc                        | stc  |            | Speed<br>Ratings | Limiting<br>Speed |        |                   | 维度(ABMA)          | d               | d <sub>1</sub> | B   | C    | r <sub>1,2</sub> | r <sub>3,4</sub> | a   | d <sub>e</sub>                      | d <sub>b</sub> | Da  | Da  | Db  | Ca  | Cb  | r <sub>a</sub> | r <sub>b</sub> | e    | Y     | Y <sub>o</sub> |  |
| (mm)                 |     |     | Cr                         | Cor  |            | (rpm)            | (kg)              |        |                   |                   | ~               | Min            | Min | Min  | Min              | Min              | Max | Max                                 | Max            | Max | Max | Max | Max | Max | Max            | Max            | Max  | Max   | Max            |  |
| 20                   | 42  | 15  | 28                         | 27   | 2.7        | 13000            | 16000             | 0.097  | 32004X/Q          | 3CC               | 20              | 31.1           | 15  | 12   | 0.6              | 0.6              | 10  | 25                                  | 25             | 36  | 37  | 39  | 2   | 3   | 0.6            | 0.6            | 0.37 | 1.6   | 0.9            |  |
| 22                   | 44  | 15  | 25.1                       | 29   | 2.85       | 11000            | 15000             | 0.10   | 32022X            | 3CC               | 22              | 33.3           | 15  | 11.5 | 0.6              | 0.6              | 11  | 27                                  | 27             | 38  | 39  | 41  | 3   | 3.5 | 0.6            | 0.6            | 0.40 | 1.5   | 0.8            |  |
| 25                   | 47  | 15  | 31                         | 32.5 | 3.25       | 12000            | 14000             | 0.11   | 32005X/Q          | 4CC               | 25              | 36.5           | 15  | 11.5 | 0.6              | 0.6              | 11  | 30                                  | 30             | 40  | 42  | 44  | 3   | 3.5 | 0.6            | 0.6            | 0.43 | 1.4   | 0.8            |  |
| 28                   | 52  | 16  | 36.5                       | 38   | 4          | 10000            | 13000             | 0.15   | 32028X/Q          | 4CC               | 28              | 40.3           | 16  | 12   | 1                | 1                | 12  | 34                                  | 34             | 45  | 46  | 49  | 3   | 4   | 1              | 1              | 0.43 | 1.4   | 0.8            |  |
| 30                   | 55  | 17  | 40.5                       | 44   | 4.55       | 10000            | 12000             | 0.17   | 32006X/Q          | 4CC               | 30              | 43             | 17  | 13   | 1                | 1                | 13  | 35                                  | 36             | 48  | 49  | 52  | 3   | 4   | 1              | 1              | 0.43 | 1.4   | 0.8            |  |
| 32                   | 58  | 17  | 42.5                       | 46.5 | 4.8        | 9000             | 11000             | 0.19   | 32032X/Q          | 4CC               | 32              | 45.6           | 17  | 13   | 1                | 1                | 14  | 38                                  | 38             | 50  | 52  | 55  | 3   | 4   | 1              | 1              | 0.46 | 1.3   | 0.7            |  |
| 38                   | 68  | 19  | 60                         | 71   | 7.65       | 7500             | 10000             | 0.28   | 32008/38X/Q       | -                 | 38              | 54.2           | 19  | 14.5 | 1                | 1                | 15  | 46                                  | 44             | 60  | 62  | 65  | 4   | 4.5 | 1              | 1              | 0.37 | 1.6   | 0.9            |  |
| 40                   | 68  | 19  | 60                         | 71   | 7.65       | 7500             | 9500              | 0.27   | 32008X/Q          | 3CD               | 40              | 54.2           | 19  | 14.5 | 1                | 1                | 15  | 46                                  | 46             | 60  | 62  | 65  | 4   | 4.5 | 1              | 1              | 0.37 | 1.6   | 0.9            |  |
| 40                   | 68  | 19  | 60                         | 71   | 7.65       | 7500             | 9500              | 0.27   | 32008XTN9/Q       | 3CD               | 40              | 54.2           | 19  | 14.5 | 1                | 1                | 15  | 46                                  | 46             | 60  | 62  | 65  | 4   | 4.5 | 1              | 1              | 0.37 | 1.6   | 0.9            |  |
| 45                   | 85  | 32  | 108                        | 143  | 16.3       | 5300             | 7500              | 0.82   | 33209Q            | 3DE               | 45              | 65.2           | 32  | 25   | 1.5              | 1.5              | 22  | 52                                  | 52             | 72  | 78  | 81  | 5   | 7   | 1.5            | 1.5            | 0.4  | 1.5   | 0.8            |  |
| 50                   | 80  | 20  | 69.5                       | 88   | 9.65       | 6300             | 8000              | 0.37   | 32010X/Q          | 3CC               | 50              | 65.6           | 20  | 15.5 | 1                | 1                | 18  | 57                                  | 56             | 72  | 74  | 77  | 4   | 4.5 | 1              | 1              | 0.43 | 1.4   | 0.8            |  |
| 50                   | 80  | 20  | 69.5                       | 88   | 9.65       | 6300             | 8000              | 0.37   | 32010X/QCL7CVB026 | 3CC               | 50              | 65.6           | 20  | 15.5 | 3                | 1                | 18  | 57                                  | 62             | 72  | 74  | 77  | 4   | 4.5 | 2.5            | 1              | 0.43 | 1.4   | 0.8            |  |
| 60                   | 95  | 23  | 95                         | 122  | 13.4       | 5300             | 6700              | 0.59   | 32012X/QCL7C      | 4CC               | 60              | 77.8           | 23  | 17.5 | 1.5              | 1.5              | 21  | 67                                  | 67             | 85  | 88  | 91  | 4   | 5   | 1.5            | 1.5            | 0.43 | 1.4   | 0.8            |  |
| 70                   | 110 | 25  | 116                        | 153  | 17.3       | 4500             | 5600              | 0.84   | 32014X/Q          | 4CC               | 70              | 89.8           | 25  | 19   | 1.5              | 1.5              | 23  | 78                                  | 77             | 98  | 103 | 105 | 5   | 6   | 1.5            | 1.5            | 0.43 | 1.4   | 0.8            |  |
| 75                   | 115 | 25  | 122                        | 163  | 18.6       | 4300             | 5300              | 0.90   | 32015X/Q          | 4CC               | 75              | 95.1           | 25  | 19   | 1.5              | 1.5              | 25  | 83                                  | 82             | 103 | 108 | 110 | 5   | 6   | 1.5            | 1.5            | 0.46 | 1.3   | 0.7            |  |
| 80                   | 125 | 29  | 138                        | 216  | 24.5       | 3600             | 5000              | 1.30   | 32016X/Q          | 3CC               | 80              | 103            | 29  | 22   | 1.5              | 1.5              | 27  | 90                                  | 87             | 112 | 117 | 120 | 6   | 7   | 1.5            | 1.5            | 0.43 | 1.4   | 0.8            |  |
| 90                   | 140 | 32  | 168                        | 270  | 31         | 3200             | 4300              | 1.75   | 32018X/Q          | 3CC               | 90              | 115            | 32  | 24   | 2                | 1.5              | 30  | 100                                 | 98             | 125 | 132 | 134 | 6   | 8   | 2              | 1.5            | 0.43 | 1.4   | 0.8            |  |
| 95                   | 145 | 32  | 168                        | 270  | 30.5       | 3200             | 4300              | 1.80   | 32019X/Q          | 4CC               | 95              | 120            | 32  | 24   | 2                | 1.5              | 31  | 105                                 | 104            | 130 | 138 | 139 | 6   | 8   | 2              | 1.5            | 0.44 | 1.35  | 0.8            |  |
| 105                  | 160 | 35  | 201                        | 335  | 37.5       | 2800             | 3800              | 2.40   | 32021X/Q          | 4DC               | 105             | 132            | 35  | 26   | 2.5              | 2                | 34  | 116                                 | 116            | 143 | 150 | 154 | 6   | 9   | 2              | 2              | 0.44 | 1.35  | 0.8            |  |
| 110                  | 170 | 38  | 233                        | 390  | 42.5       | 2600             | 3600              | 3.05   | 32022X/Q          | 4DC               | 110             | 140            | 38  | 29   | 2.5              | 2                | 36  | 123                                 | 121            | 152 | 160 | 163 | 7   | 9   | 2              | 2              | 0.43 | 1.4   | 0.8            |  |
| 105                  | 160 | 35  | 201                        | 335  | 37.5       | 2800             | 3800              | 2.40   | 32021X/Q          | 4DC               | 105             | 132            | 35  | 26   | 2.5              | 2                | 34  | 116                                 | 116            | 143 | 150 | 154 | 6   | 9   | 2              | 2              | 0.44 | 1.35  | 0.8            |  |
| 110                  | 170 | 38  | 233                        | 390  | 42.5       | 2600             | 3600              | 3.05   | 32022X/Q          | 4DC               | 110             | 140            | 38  | 29   | 2.5              | 2                | 36  | 123                                 | 121            | 152 | 160 | 163 | 7   | 9   | 2              | 2              | 0.43 | 1.4   | 0.8            |  |
| 120                  | 180 | 38  | 242                        | 415  | 44         | 2400             | 3400              | 3.25   | 32024X            | 4DC               | 120             | 150            | 38  | 29   | 2.5              | 2                | 39  | 132                                 | 131            | 161 | 170 | 173 | 7   | 9   | 2              | 2              | 0.46 | 1.3   | 0.7            |  |
| 130                  | 200 | 45  | 314                        | 540  | 55         | 2200             | 3000              | 4.95   | 32026X            | 4EC               | 130             | 165            | 45  | 34   | 2.5              | 2                | 42  | 144                                 | 142            | 178 | 190 | 192 | 7   | 11  | 2              | 2              | 0.43 | 1.4   | 0.8            |  |
| 140                  | 210 | 45  | 330                        | 585  | 58.5       | 2200             | 2800              | 5.25   | 32028X            | 4DC               | 140             | 175            | 45  | 34   | 2.5              | 2                | 46  | 153                                 | 152            | 187 | 200 | 202 | 7   | 11  | 2              | 2              | 0.46 | 1.3   | 0.7            |  |
| 150                  | 225 | 48  | 369                        | 655  | 65.5       | 2000             | 2600              | 6.35   | 32030X            | 4EC               | 150             | 187            | 48  | 36   | 3                | 2.5              | 49  | 164                                 | 164            | 200 | 213 | 216 | 8   | 12  | 2.5            | 2              | 0.46 | 1.3   | 0.7            |  |
| 160                  | 240 | 51  | 429                        | 780  | 78         | 1800             | 2400              | 7.75   | 32032X            | 4EC               | 160             | 200            | 51  | 38   | 3                | 2.5              | 52  | 175                                 | 174            | 213 | 228 | 231 | 8   | 13  | 2.5            | 2              | 0.46 | 1.3   | 0.7            |  |
| 170                  | 260 | 57  | 512                        | 915  | 90         | 1700             | 2200              | 10.5   | 32034X            | 4EC               | 170             | 214            | 57  | 43   | 3                | 2.5              | 56  | 188                                 | 184            | 230 | 246 | 249 | 10  | 14  | 2.5            | 2              | 0.44 | 1.35  | 0.8            |  |
| 180                  | 280 | 64  | 644                        | 1160 | 110        | 1600             | 2200              | 14.5   | 32036X            | 3FD               | 180             | 229            | 64  | 48   | 3                | 2.5              | 59  | 199                                 | 194            | 247 | 266 | 267 | 10  | 16  | 2.5            | 2              | 0.43 | 1.4   | 0.8            |  |
| 190                  | 290 | 64  | 660                        | 1200 | 112        | 1500             | 2000              | 15.0   | 32038X            | 4FD               | 190             | 240            | 64  | 48   | 3                | 2.5              | 62  | 210                                 | 204            | 257 | 276 | 279 | 10  | 16  | 2.5            | 2              | 0.44 | 1.35  | 0.8            |  |
| 200                  | 310 | 70  | 748                        | 1370 | 127        | 1400             | 1900              | 19.5   | 32040X            | 4FD               | 200             | 254            | 70  | 53   | 3                | 2.5              | 66  | 222                                 | 214            | 273 | 296 | 297 | 11  | 17  | 2.5            | 2              | 0.43 | 1.4   | 0.8            |  |
| 220                  | 340 | 76  | 897                        | 1660 | 150        | 1300             | 1700              | 25.5   | 32044X            | 4FD               | 220             | 279            | 76  | 57   | 4                | 3                | 72  | 244                                 | 236            | 300 | 325 | 326 | 12  | 19  | 3              | 2.5            | 0.43 | 1.4   | 0.8            |  |
| 240                  | 360 | 76  | 935                        | 1800 | 160        | 1200             | 1600              | 27.5   | 32048X            | 4FD               | 240             | 299            | 76  | 57   | 4                | 3                | 78  | 262                                 | 256            | 318 | 345 | 346 | 12  | 19  | 3              | 2.5            | 0.46 | 1.3   | 0.7            |  |
| 260                  | 400 | 87  | 1170                       | 2200 | 190        | 1100             | 1400              | 40.0   | 32052X            | 4FC               | 260             | 328            | 87  | 65   | 5                | 4                | 84  | 287                                 | 282            | 352 | 383 | 383 | 13  | 22  | 4              | 3              | 0.43 | 1.4   | 0.8            |  |
| 280                  | 420 | 87  | 1210                       | 2360 | 200        | 1000             | 1300              | 40.5   | 32056X            | 4FC               | 280             | 348            | 87  | 65   | 5                | 4                | 89  | 305                                 | 302            | 370 | 400 | 402 | 14  | 22  | 4              | 3              | 0.46 | 1.3   | 0.7            |  |
| 300                  | 460 | 100 | 1540                       | 3000 | 250        | 900              | 1200              | 58.0   | 32060X            | 4GD               | 300             | 377            | 100 | 74   | 5                | 4                | 97  | 330                                 | 322            | 404 | 440 | 439 | 15  | 26  | 4              | 3              | 0.43 | 1.4   | 0.8            |  |
| 320                  | 480 | 100 | 1540                       | 3100 | 255        | 850              | 1100              | 64.0   | 32064X            | 4GD               | 320             | 399            | 100 | 74   | 5                | 4                | 103 | 350                                 | 342            | 424 | 460 | 461 | 15  | 26  | 4              | 3              | 0.46 | 1.3   | 0.7            |  |