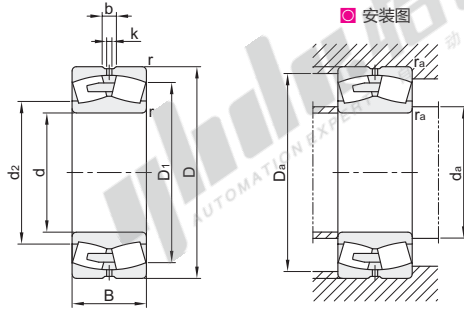


# 轴承外圈有油槽和油孔 ▶ 圆柱孔型

## 调心滚子轴承

| 品牌  | 类型   | 油槽/油孔 | 轴承精度 | 后置代码                             | 轴承材质  |      |
|-----|------|-------|------|----------------------------------|-------|------|
|     |      |       |      |                                  | 国标    | 相当   |
| ZWZ | 圆柱孔型 | 有     | P0   | CA: 铜保持架<br>W33: 轴承外圈上有润滑油槽和三个油孔 | GCr15 | SUJ2 |



视角标准：第一视角

| 型号              | d   | D   | B    | r<br>min | d <sub>2</sub> | D <sub>1</sub> | b    | k    | 基本额定负载(KN) |        | 极限转速(r/min) |      | 安装尺寸                    |                         |                         | 重量(kg)<br>参考 |
|-----------------|-----|-----|------|----------|----------------|----------------|------|------|------------|--------|-------------|------|-------------------------|-------------------------|-------------------------|--------------|
|                 |     |     |      |          |                |                |      |      | Cr(动)      | Cor(静) | 脂润滑         | 油润滑  | d <sub>a</sub><br>(min) | D <sub>a</sub><br>(max) | r <sub>a</sub><br>(max) |              |
| 22308CA/W33-ZWZ | 40  | 90  | 33   | 1.5      | 56             | 74             |      | 2.5  | 143        | 133    | 4500        | 5600 | 49                      | 81                      | 1.5                     | 1.02         |
| 22309CA/W33-ZWZ | 45  | 100 | 36   |          | 63             | 81.4           |      |      |            | 174    | 174         | 3800 | 4800                    | 54                      | 91                      |              |
| 22210CA/W33-ZWZ | 50  | 90  | 23   | 1.1      | 62.2           | 81.6           |      | 2    | 98.8       | 103    | 5000        | 6300 | 57                      | 83                      | 1                       | 0.63         |
| 22310CA/W33-ZWZ |     | 110 | 40   | 2        | 69             | 90.6           |      |      |            | 2.5    | 209         | 213  | 3400                    | 4300                    | 60                      | 100          |
| 22211CA/W33-ZWZ | 55  | 100 | 25   | 1.5      | 68.8           | 87.3           |      | 2    | 119        | 126    | 4500        | 5600 | 64                      | 91                      | 1.5                     | 0.89         |
| 22311CA/W33-ZWZ |     | 120 | 43   | 2        | 75             | 99.5           |      |      |            | 2.5    | 257         | 266  | 3200                    | 4000                    | 65                      | 110          |
| 22212CA/W33-ZWZ | 60  | 110 | 28   | 1.5      | 75.2           | 95             |      | 2    | 148        | 158    | 4000        | 5000 | 69                      | 101                     | 1.5                     | 1.01         |
| 22312CA/W33-ZWZ |     | 130 | 46   | 2.1      | 81.4           | 108            |      |      |            | 3      | 295         | 318  | 3000                    | 3800                    | 72                      | 118          |
| 22213CA/W33-ZWZ | 65  | 120 | 31   | 1.5      | 81.5           | 103            |      | 2.5  | 183        | 205    | 3800        | 4800 | 74                      | 111                     | 1.5                     | 1.56         |
| 22313CA/W33-ZWZ |     | 140 | 48   | 2.1      | 88.6           | 116            |      |      |            | 3      | 323         | 342  | 2600                    | 3400                    | 77                      | 128          |
| 22214CA/W33-ZWZ | 70  | 125 | 31   | 1.5      | 86.8           | 109            | 6    | 2.5  | 162        | 205    | 3600        | 4500 | 79                      | 116                     | 1.5                     | 1.83         |
| 22314CA/W33-ZWZ |     | 150 | 51   | 2.1      | 95.8           | 125            | 8.3  | 4    | 380        | 408    | 2200        | 3000 | 82                      | 138                     | 2                       | 5.23         |
| 24015CA/W33-ZWZ | 75  | 115 | 40   | 1.1      | 87.5           | 100            | 5.5  | 3    | 164        | 250    | 2900        | 3500 |                         | 106                     | 1                       | 1.48         |
| 22215CA/W33-ZWZ |     | 130 | 31   | 1.5      | 92             | 114            |      | 2.5  | 201        | 228    | 3400        | 4300 | 84                      | 121                     | 1.5                     | 1.71         |
| 22315CA/W33-ZWZ | 80  | 160 | 55   | 2.1      | 101            | 133            | 8.3  | 4    | 418        | 451    | 2200        | 3000 | 87                      | 148                     |                         | 5.44         |
| 22216CA/W33-ZWZ |     | 140 | 33   | 2        | 98.9           | 122            | 5.5  | 2.5  | 165        | 225    | 3200        | 4000 | 91                      | 129                     |                         | 2.08         |
| 22316CA/W33-ZWZ | 85  | 170 | 58   | 2.1      | 109            | 142            | 8.3  | 4    | 380        | 495    | 2000        | 2800 | 92                      | 158                     | 2                       | 7.47         |
| 22217CA/W33-ZWZ |     | 150 | 36   | 2        | 105            | 132            | 6.5  | 3    | 193        | 254    | 3000        | 3800 | 96                      | 139                     |                         | 2.69         |
| 22317CA/W33-ZWZ | 90  | 180 | 60   | 3        | 115            | 150            | 8.3  | 4    | 391        | 505    | 1900        | 2600 | 99                      | 166                     | 2.5                     | 8.19         |
| 24018CA/W33-ZWZ |     | 140 | 50   | 1.5      | 106            | 121            | 5.5  | 3    | 233        | 390    | 2600        | 3400 | 100                     | 125                     | 1.5                     | 3.25         |
| 22218CA/W33-ZWZ | 95  | 160 | 40   | 2        | 111            | 139            | 8.3  | 2.5  | 269        | 360    |             |      | 101                     | 149                     | 2                       | 3.4          |
| 23218CA/W33-ZWZ |     |     | 52.4 |          | 112            | 136            | 5.5  |      | 337        | 475    | 1900        | 2600 |                         |                         |                         | 4.82         |
| 22318CA/W33-ZWZ | 100 | 190 | 64   | 3        | 123            | 159            |      | 5    | 580        | 660    | 1800        | 2400 | 104                     | 176                     | 2.5                     | 11.5         |
| 22219CA/W33-ZWZ |     | 170 | 43   | 2.1      | 119            | 148            | 8.3  | 3    | 361        | 428    | 2400        | 3200 | 107                     | 158                     | 2                       | 4.68         |
| 22319CA/W33-ZWZ | 110 | 200 | 67   | 3        | 128            | 167            |      | 5    | 637        | 727    | 1800        | 2400 | 109                     | 186                     | 2.5                     | 10.5         |
| 23020CA/W33-ZWZ |     |     | 37   |          | 116            | 135            | —    | —    | 215        | 400    |             |      |                         |                         |                         | 2.52         |
| 24020CA/W33-ZWZ | 120 | 150 | 50   | 1.5      | 115            | 133            |      |      | 271        | 445    | 2400        | 3200 | 110                     | 140                     | 1.5                     | 3.18         |
| 23120CA/W33-ZWZ |     | 165 | 52   | 2        | 121            | 143            | 5.5  | 3    | 347        | 510    | 2000        | 2800 |                         | 155                     |                         | 4.42         |
| 22220CA/W33-ZWZ | 130 | 180 | 46   | 2.1      | 124            | 156            | 8.3  |      | 404        | 466    | 2200        | 3000 | 112                     | 168                     | 2                       | 5.18         |
| 22320CA/W33-ZWZ |     |     | 60.3 |          | 125            | 153            | 9.5  | 4    | 451        | 610    |             |      |                         |                         |                         | 6.52         |
| 22320CA/W33-ZWZ | 140 | 215 | 73   | 3        | 138            | 179            | 11.1 | 5    | 774        | 903    | 1700        | 2200 | 114                     | 201                     | 2.5                     | 13.8         |
| 23022CA/W33-ZWZ |     |     | 45   |          | 128            | 150            |      | 7.5  | 295        | 460    | 2200        | 3000 |                         |                         |                         | 3.58         |
| 24022CA/W33-ZWZ | 150 | 170 | 60   |          |                |                |      | 3    | 394        | 589    | 2100        | 2800 |                         | 160                     |                         | 4.98         |
| 23122CA/W33-ZWZ |     | 180 | 56   | 2        | 132            | 156            | 5.5  |      | 409        | 580    | 1900        | 2600 | 120                     |                         | 2                       | 5.73         |
| 24122CA/W33-ZWZ | 160 | 69  |      | 131      | 153            |                | 2.5  | 494  | 750        | 1000   | 1400        |      |                         |                         | 6.92                    |              |
| 22222CA/W33-ZWZ |     | 200 | 53   | 2.1      | 139            | 173            | 8.3  | 4    | 530        | 610    | 2000        | 2800 |                         |                         |                         | 7.43         |
| 22322CA/W33-ZWZ | 170 | 240 | 80   | 3        | 151            | 197            | 13.9 | 6    | 900        | 1060   | 1600        | 2000 | 122                     | 188                     | 2.5                     | 18.9         |
| 23024CA/W33-ZWZ |     |     | 46   |          | 139            | 162            |      | 3    | 340        | 495    | 2000        | 2800 |                         |                         |                         | 4.44         |
| 24024CA/W33-ZWZ | 180 | 60  | 2    |          | 158            |                | 5.5  | 4    | 410        | 660    | 1600        | 2000 |                         | 170                     |                         | 5.83         |
| 23124CA/W33-ZWZ |     | 200 | 62   |          | 146            | 174            |      | 3    | 490        | 715    | 1800        | 2400 | 130                     |                         | 2                       | 12.2         |
| 24124CA/W33-ZWZ | 190 | 80  |      |          | 167            |                |      |      | 620        | 925    | 1400        | 1800 |                         | 190                     |                         | 10           |
| 22224CA/W33-ZWZ |     | 215 | 58   | 2.1      | 149            | 187            | 11.1 | 4    | 600        | 730    | 1900        | 2600 | 132                     | 203                     |                         | 9.53         |
| 23224CA/W33-ZWZ | 200 | 76  |      | 150      | 182            | 8.3            | 5    | 660  | 940        | 1500   | 1900        |      |                         |                         | 12.1                    |              |
| 22324CA/W33-ZWZ |     | 260 | 86   | 3        | 165            | 215            | 13.9 | 6    | 920        | 1100   | 1400        | 1800 | 134                     | 246                     | 2.5                     | 23.3         |
| 23026CA/W33-ZWZ | 210 | 52  |      | 153      | 179            | 9.5            | 4    | 410  | 580        | 1900   | 2600        |      |                         |                         | 7.04                    |              |
| 24026CA/W33-ZWZ |     | 69  |      | 2        | 151            | 175            | 5.5  | 3    | 510        | 810    | 1800        | 2400 |                         | 190                     |                         | 7.76         |
| 23126CA/W33-ZWZ | 220 | 64  |      | 156      | 183            |                | 5    | 530  | 790        |        |             |      |                         |                         | 10.7                    |              |
| 24126CA/W33-ZWZ |     | 80  |      |          | 153            | 180            | 8.3  | 4    | 650        | 980    | 1700        | 2200 | 200                     |                         |                         | 10.6         |
| 22226CA/W33-ZWZ | 230 | 64  | 3    | 162      | 200            | 10             | 5    | 700  | 880        | 1800   | 2400        |      |                         |                         | 12.4                    |              |
| 23226CA/W33-ZWZ |     | 80  |      |          | 161            | 194            | 12   |      | 740        | 1020   |             |      | 144                     | 216                     | 2.5                     | 15.9         |
| 22326CA/W33-ZWZ | 240 | 93  | 4    | 178      | 232            | 16.7           | 6    | 1060 | 1300       | 1300   | 1700        |      | 148                     | 262                     | 3                       | 28.9         |
| 23028CA/W33-ZWZ |     |     | 53   | 2        | 162            | 188            | 8.3  | 4.5  | 440        | 706    |             |      |                         |                         |                         | 6.7          |
| 24028CA/W33-ZWZ | 250 | 69  |      | 162      | 185            | 5.5            | 3    | 540  | 960        | 1800   | 2400        | 150  | 200                     |                         | 8.31                    |              |
| 23128CA/W33-ZWZ |     | 88  |      | 2.1      | 166            | 196            |      | 5    | 600        | 935    | 1600        | 2000 |                         |                         |                         | 10.9         |
| 24128CA/W33-ZWZ | 260 | 85  |      | 165      | 192            | 8.3            | 4.5  | 730  | 1150       | 850    | 1100        | 152  | 213                     |                         | 13.5                    |              |
| 22228CA/W33-ZWZ |     | 102 | 68   | 3        | 176            | 218            | 11.1 | 5    | 680        | 1000   | 1700        | 2200 |                         |                         |                         | 16.2         |
| 23228CA/W33-ZWZ | 270 | 88  |      | 173      | 215            | 15             | 6    | 910  | 1365       | 1200   | 1600        |      |                         |                         | 19.7                    |              |
| 22328CA/W33-ZWZ |     | 102 | 4    |          | 191            | 249            | 16.7 | 7    | 1230       | 1950   | 1100        | 1500 | 158                     | 282                     | 3                       | 36           |

# 轴承外圈有油槽和油孔 ▶ 圆柱孔型

## 调心滚子轴承

| 型号              | d | D   | B   | r<br>min | d <sub>2</sub> | D <sub>1</sub> | b    | k   | 基本额定负载(KN) |        | 极限转速(r/min) |      | 安装尺寸                    |                         |                         | 重量(kg)<br>参考 |
|-----------------|---|-----|-----|----------|----------------|----------------|------|-----|------------|--------|-------------|------|-------------------------|-------------------------|-------------------------|--------------|
|                 |   |     |     |          |                |                |      |     | Cr(动)      | Cor(静) | 脂润滑         | 油润滑  | d <sub>a</sub><br>(min) | D <sub>a</sub><br>(max) | r <sub>a</sub><br>(max) |              |
| 23030CA/W33-ZWZ |   | 225 | 56  |          | 174            | 201            | 8.3  | 4.5 | 485        | 795    | 1700        | 2200 |                         |                         |                         | 8.01         |
| 24030CA/W33-ZWZ |   |     | 75  | 2.1      | 175            | 196            | 5.5  | 3   | 620        | 1050   | 1300        | 1700 | 162                     | 213                     |                         | 9.39         |
| 23130CA/W33-ZWZ |   | 250 | 80  |          | 182            | 216            | 11.1 | 5   | 790        | 1140   | 1400        | 1800 |                         | 238                     | 2                       | 16.5         |
| 24130CA/W33-ZWZ |   |     | 100 |          | 180            | 208            | 8.3  | 4.5 | 970        | 1450   | 800         | 1000 |                         |                         |                         | 19.2         |
| 22230CA/W33-ZWZ |   | 270 | 73  | 3        | 189            | 234            | 12   | 6   | 810        | 1050   | 1600        | 2000 | 164                     | 256                     | 2.5                     | 18.7         |
| 23230CA/W33-ZWZ |   |     | 96  |          | 188            | 228            | 11.1 |     | 1030       | 1550   | 1100        | 1500 |                         |                         |                         | 26.6         |
| 22330CA/W33-ZWZ |   | 320 | 108 | 4        | 203            | 265            | 16.7 | 9   | 1390       | 1810   | 1000        | 1400 | 168                     | 302                     | 3                       | 41           |
| 23032CA/W33-ZWZ |   | 240 | 60  |          | 186            | 216            |      |     | 555        | 875    | 1700        | 2200 |                         |                         |                         | 10           |
| 24032CA/W33-ZWZ |   |     | 80  | 2.1      | 183            | 209            | 8.3  | 5   | 710        | 1210   | 1100        | 1500 | 172                     | 228                     |                         | 13.2         |
| 23132CA/W33-ZWZ |   | 270 | 86  |          | 188            | 234            | 13.9 | 6   | 930        | 1430   | 1300        | 1700 |                         | 258                     | 2                       | 21.9         |
| 24132CA/W33-ZWZ |   |     | 109 |          | 193            | 225            | 8.3  | 4   | 1120       | 1690   | 700         | 900  |                         |                         |                         | 24.6         |
| 22232CA/W33-ZWZ |   | 290 | 80  | 3        | 249            |                |      | —   | 950        | 1380   | 1500        | 1900 | 174                     | 276                     | 2.5                     | 30.2         |
| 23232CA/W33-ZWZ |   |     | 104 |          | 189            | 244            | 13.9 | 7   | 1160       | 1770   | 1000        | 1400 |                         |                         |                         | 30.2         |
| 22332CA/W33-ZWZ |   | 340 | 114 | 4        | 201            | 284            | 16.7 |     | 1520       | 2050   | 950         | 1300 | 178                     | 322                     | 3                       | 51.6         |
| 23034CA/W33-ZWZ |   | 260 | 67  |          | 198            | 231            | 11.1 | 5   | 670        | 1090   | 1600        | 2000 |                         |                         |                         | 14.1         |
| 24034CA/W33-ZWZ |   |     | 90  | 2.1      | 227            | 8.3            | 4    | 885 | 1500       | 1000   | 1400        |      | 248                     |                         |                         | 17.8         |
| 23134CA/W33-ZWZ |   | 280 | 88  |          | 204            | 243            | 13.9 | 6   | 990        | 1530   | 1200        | 1600 | 182                     | 268                     | 2                       | 25.7         |
| 24134CA/W33-ZWZ |   |     | 109 |          | 203            | 237            | 8.3  | 5   | 1160       | 1770   | 670         | 850  |                         |                         |                         | 24.8         |
| 22234CA/W33-ZWZ |   | 310 | 86  |          | 215            | 268            | 16.7 | 6   | 1060       | 1450   | 1300        | 1700 |                         | 292                     |                         | 26.8         |
| 23234CA/W33-ZWZ |   |     | 110 | 4        | 214            | 261            | 13.9 |     | 1330       | 1930   |             |      | 188                     | 342                     | 3                       | 38           |
| 22334CA/W33-ZWZ |   | 360 | 120 |          | 231            | 299            | 16.7 | 7   | 1670       | 2120   | 950         | 1300 |                         |                         |                         | 62.6         |
| 23936CA/W33-ZWZ |   | 250 | 52  | 2        | 204            | 230            | 9.5  | 4   | 430        | 830    | 1700        | 2200 | 190                     | 240                     |                         | 7.4          |
| 23036CA/W33-ZWZ |   | 280 | 74  | 2.1      | 214            | 247            | 13.9 | 7.5 | 790        | 1280   | 1400        | 1800 | 192                     | 268                     | 2                       | 17.7         |
| 24036CA/W33-ZWZ |   |     | 100 |          | 210            | 242            | 8.3  | 4   | 1030       | 1750   | 950         | 1300 |                         |                         |                         | 25.7         |
| 23136CA/W33-ZWZ |   | 300 | 96  | 3        | 216            | 259            | 13.9 |     | 1140       | 1800   | 1100        | 1500 | 194                     | 286                     | 2.5                     | 27.6         |
| 24136CA/W33-ZWZ |   |     | 118 |          | 212            | 252            | 11.1 | 6   | 1330       | 2050   | 630         | 800  |                         |                         |                         | 33           |
| 22236CA/W33-ZWZ |   | 320 | 86  |          | 224            | 278            | 16.7 |     | 1120       | 1550   | 1300        | 1700 |                         | 302                     |                         | 29.4         |
| 23236CA/W33-ZWZ |   |     | 112 | 4        | 222            | 271            | 13.9 | 7   | 1430       | 2130   |             |      | 198                     | 362                     | 3                       | 38.7         |
| 22336CA/W33-ZWZ |   | 380 | 126 |          | 242            | 316            | 22.3 | 8   | 1900       | 2400   | 900         | 1200 |                         |                         |                         | 72.2         |
| 23938CA/W33-ZWZ |   | 260 | 52  | 2        | 213            | 238            | 5.5  | 3   | 440        | 855    | 1600        | 2000 | 248                     |                         |                         | 8.29         |
| 23038CA/W33-ZWZ |   | 290 | 75  | 2.1      | 224            | 259            | 13.9 | 5   | 820        | 1450   | 1300        | 1700 | 202                     | 278                     | 2                       | 17.3         |
| 24038CA/W33-ZWZ |   |     | 100 |          | 219            | 252            | 8.3  | 4.5 | 1060       | 1840   | 950         | 1300 |                         |                         |                         | 22.9         |
| 23138CA/W33-ZWZ |   | 320 | 104 | 3        | 232            | 276            | 13.9 | 7   | 1300       | 1980   | 1000        | 1400 | 204                     | 306                     | 2.5                     | 34.3         |
| 24138CA/W33-ZWZ |   |     | 128 |          | 226            | 267            | 11.1 | 6   | 1520       | 2400   | 600         | 750  |                         |                         |                         | 41.9         |
| 22238CA/W33-ZWZ |   | 340 | 92  | 4        | 235            | 293            |      |     | 1210       | 1620   | 1200        | 1600 | 208                     | 322                     | 3                       | 37.4         |
| 23238CA/W33-ZWZ |   |     | 120 |          | 237            | 288            | 16.7 | 7   | 1580       | 2400   |             |      |                         |                         |                         | 44.8         |
| 22338CA/W33-ZWZ |   | 400 | 132 | 5        | 257            | 334            | 22.3 | 8   | 2010       | 2630   |             |      | 212                     | 378                     | 4                       | 82.2         |
| 23040CA/W33-ZWZ |   | 310 | 82  | 2.1      | 237            | 276            | 13.9 | 7.5 | 950        | 1560   | 1200        | 1600 |                         | 298                     | 2                       | 22.6         |
| 24040CA/W33-ZWZ |   |     | 109 |          | 233            | 268            | 11.1 | 5   | 1230       | 2130   | 900         | 1200 |                         |                         |                         | 31.3         |
| 23140CA/W33-ZWZ |   | 340 | 112 | 3        | 243            | 292            | 16.7 | 7   | 1520       | 2240   | 950         | 1300 | 214                     | 326                     | 2.5                     | 43.8         |
| 24140CA/W33-ZWZ |   |     | 140 |          | 242            | 284            | 11.1 |     | 1710       | 3800   | 5601        | 700  |                         |                         |                         | 51.5         |
| 22240CA/W33-ZWZ |   | 360 | 98  | 4        | 250            | 309            |      |     | 1390       | 1950   | 1100        | 1500 | 218                     | 342                     | 3                       | 44.7         |
| 23240CA/W33-ZWZ |   |     | 128 |          | 249            | 304            | 16.7 |     | 1770       | 2570   | 850         | 1100 |                         |                         |                         | 53.4         |
| 22340CA/W33-ZWZ |   | 420 | 138 | 5        | 269            | 350            | 22.3 | 8   | 2200       | 2860   |             |      | 222                     | 398                     | 4                       | 96.7         |
| 23944CA/W33-ZWZ |   | 300 | 60  | 2.1      | 242            | 278            | 8.3  | 4   | 520        | 1190   | 1500        | 1900 | 232                     | 288                     | 2                       | 12.9         |
| 23044CA/W33-ZWZ |   | 340 | 90  | 3        | 260            | 303            | 13.9 | 6   | 1160       | 1900   | 1100        | 1500 | 234                     | 326                     | 2.5                     | 30.3         |
| 24044CA/W33-ZWZ |   |     | 118 |          | 257            | 295            | 11.1 | 5   | 1480       | 2500   | 850         | 1100 |                         |                         |                         | 39.3         |
| 23144CA/W33-ZWZ |   | 370 | 120 |          | 268            | 320            | 16.7 | 7   | 1710       | 2710   | 900         | 1200 |                         | 352                     |                         | 54.7         |
| 24144CA/W33-ZWZ |   |     | 150 |          | 262            | 308            | 11.1 | 6   | 2010       | 3410   | 500         | 630  |                         |                         |                         | 66.4         |
| 22244CA/W33-ZWZ |   | 400 | 108 | 4        | 275            | 344            |      |     | 1670       | 2400   | 950         | 1300 | 238                     | 382                     | 3                       | 63.5         |
| 23244CA/W33-ZWZ |   |     | 144 |          | 272.5          | 334            | 16.7 | 8   | 2240       | 3280   | 750         | 950  |                         |                         |                         | 77.3         |
| 23948CA/W33-ZWZ |   | 320 | 60  | 2.1      | 266            | 295            | 9.5  | 4   | 630        | 1360   | 1300        | 1700 | 252                     | 308                     | 2                       | 15.1         |
| 23048CA/W33-ZWZ |   | 360 | 92  | 3        | 278            | 322            | 13.9 | 6   | 1230       | 2080   | 1000        | 1400 | 254                     | 346                     | 2.5                     | 34.2         |
| 24048CA/W33-ZWZ |   |     | 118 |          | 278            | 318            | 11.1 | 5   | 1520       | 2800   | 800         | 1000 |                         |                         |                         | 44.1         |
| 23148CA/W33-ZWZ |   | 400 | 128 | 4        | 289            | 345            | 16.7 | 8   | 1980       | 3040   | 850         | 1100 |                         | 382                     | 3                       | 68.2         |
| 24148CA/W33-ZWZ |   |     | 160 |          | 285            | 336            | 11.1 |     | 2280       | 3705   | 480         | 600  | 258                     |                         |                         | 79           |
| 23952CA/W33-ZWZ |   | 360 | 75  | 2.1      | 294            | 328            | 12   |     | 902        | 1750   | 1100        | 1500 | 272                     | 348                     | 2                       | 21.6         |
| 23052CA/W33-ZWZ |   | 400 | 104 |          | 306            | 357            | 16.7 | 7   | 1520       | 2550   | 900         | 1200 |                         |                         |                         | 49.8         |
| 24052CA/W33-ZWZ |   |     | 140 | 4        | 300            | 347            | 11.1 | 6   | 1930       | 3500   | 700         | 900  | 278                     | 382                     | 3                       | 66.7         |



请按图示订货

型号  
23052CA/W33-ZWZ  
24052CA/W33-ZWZ



未税价(元)

● 优惠价  
数量 1~9 10~  
价格 100% 另行报价



交货期  
7

