

# CRB CRBC Series



| Type      |                 | Brand | Shaft Diameter (mm) | Main Dimensions (mm) |     |    |        | Mounting Dimensions (mm) |     | CRBC                             |                                  | CRB                              |                                  | Weight |
|-----------|-----------------|-------|---------------------|----------------------|-----|----|--------|--------------------------|-----|----------------------------------|----------------------------------|----------------------------------|----------------------------------|--------|
| With Cage | Full Complement |       |                     | d                    | D   | B  | r(min) | da                       | Da  | Basic Dynamic Load Rating C (KN) | Basic Static Load Rating Co (KN) | Basic Dynamic Load Rating C (KN) | Basic Static Load Rating Co (KN) | KG     |
| CRBC3010  | CRB3010         | LYMC  | 30                  | 30                   | 55  | 10 | 0.3    | 34                       | 44  | 3.8                              | 4.1                              | 5.29                             | 6.35                             | 0.12   |
| CRBC4010  | CRB4010         | LYMC  | 40                  | 40                   | 65  | 10 | 0.3    | 44                       | 54  | 4.28                             | 5.14                             | 5.98                             | 8.04                             | 0.15   |
| CRBC5013  | CRB5013         | LYMC  | 50                  | 50                   | 80  | 13 | 0.6    | 55                       | 71  | 10.7                             | 12.6                             | 14.2                             | 18.4                             | 0.29   |
| CRBC6013  | CRB6013         | LYMC  | 60                  | 60                   | 90  | 13 | 0.6    | 64                       | 81  | 11.6                             | 14.6                             | 15.4                             | 21.5                             | 0.33   |
| CRBC7013  | CRB7013         | LYMC  | 70                  | 70                   | 100 | 13 | 0.6    | 75                       | 91  | 12.3                             | 16.7                             | 17                               | 25.5                             | 0.38   |
| CRBC8016  | CRB8016         | LYMC  | 80                  | 80                   | 120 | 16 | 0.6    | 86                       | 107 | 18.2                             | 25.5                             | 24.3                             | 37.5                             | 0.74   |
| CRBC9016  | CRB9016         | LYMC  | 90                  | 90                   | 130 | 16 | 1      | 98                       | 118 | 19.4                             | 28.6                             | 25.9                             | 42.1                             | 0.81   |
| CRBC10020 | CRB10020        | LYMC  | 100                 | 100                  | 150 | 20 | 1      | 108                      | 134 | 31.5                             | 45.1                             | 39.4                             | 61.1                             | 1.45   |
| CRBC11020 | CRB11020        | LYMC  | 110                 | 110                  | 160 | 20 | 1      | 118                      | 144 | 33.5                             | 50.7                             | 41.2                             | 66.7                             | 1.56   |
| CRBC12025 | CRB12025        | LYMC  | 120                 | 120                  | 180 | 25 | 1.5    | 132                      | 164 | 47.7                             | 70.5                             | 59.9                             | 95.4                             | 2.62   |
| CRBC13025 | CRB13025        | LYMC  | 130                 | 130                  | 190 | 25 | 1.5    | 140                      | 172 | 49.2                             | 74.8                             | 61                               | 99.8                             | 2.82   |
| CRBC14025 | CRB14025        | LYMC  | 140                 | 140                  | 200 | 25 | 1.5    | 151                      | 183 | 50.7                             | 79.2                             | 64.1                             | 108                              | 2.96   |
| CRBC15025 | CRB15025        | LYMC  | 150                 | 150                  | 210 | 25 | 1.5    | 160                      | 192 | 53.8                             | 87.7                             | 65                               | 113                              | 3.16   |
| CRBC15030 | CRB15030        | LYMC  | 150                 | 150                  | 230 | 30 | 1.5    | 166                      | 202 | 69.2                             | 108                              | 85.9                             | 144                              | 5.3    |
| CRBC20025 | CRB20025        | LYMC  | 200                 | 200                  | 260 | 25 | 2      | 208                      | 239 | 60.2                             | 110                              | 75.3                             | 148                              | 4      |
| CRBC20030 | CRB20030        | LYMC  | 200                 | 200                  | 280 | 30 | 2      | 218                      | 262 | 108                              | 178                              | 133                              | 234                              | 6.7    |
| CRBC20035 | CRB20035        | LYMC  | 200                 | 200                  | 295 | 35 | 2      | 221                      | 274 | 137                              | 215                              | 168                              | 282                              | 9.58   |
| CRBC25025 | CRB25025        | LYMC  | 250                 | 250                  | 310 | 25 | 2.5    | 259                      | 290 | 67.2                             | 136                              | 83.9                             | 183                              | 4.97   |
| CRBC25030 | CRB25030        | LYMC  | 250                 | 250                  | 330 | 30 | 2.5    | 265                      | 310 | 116                              | 208                              | 146                              | 283                              | 8.1    |
| CRBC25040 | CRB25040        | LYMC  | 250                 | 250                  | 355 | 40 | 2.5    | 271                      | 330 | 179                              | 299                              | 215                              | 382                              | 14.8   |
| CRBC30025 | CRB30025        | LYMC  | 300                 | 300                  | 360 | 25 | 2.5    | 310                      | 341 | 73.8                             | 162                              | 91.9                             | 217                              | 5.88   |
| CRBC30035 | CRB30035        | LYMC  | 300                 | 300                  | 395 | 35 | 2.5    | 318                      | 372 | 163                              | 299                              | 205                              | 408                              | 13.4   |
| CRBC30040 | CRB30040        | LYMC  | 300                 | 300                  | 405 | 40 | 2.5    | 321                      | 381 | 194                              | 351                              | 235                              | 451                              | 17.2   |
| CRBC40035 | CRB40035        | LYMC  | 400                 | 400                  | 480 | 35 | 2.5    | 414                      | 457 | 133                              | 300                              | 165                              | 400                              | 14.5   |
| CRBC40040 | CRB40040        | LYMC  | 400                 | 400                  | 510 | 40 | 2.5    | 423                      | 483 | 222                              | 455                              | 270                              | 590                              | 23.5   |
| CRBC40070 | CRB40070        | LYMC  | 400                 | 400                  | 580 | 70 | 2.5    | 430                      | 532 | 470                              | 811                              | 576                              | 1060                             | 72.4   |
| CRBC50040 | CRB50040        | LYMC  | 500                 | 500                  | 600 | 40 | 2.5    | 517                      | 573 | 211                              | 497                              | 259                              | 648                              | 26     |
| CRBC50050 | CRB50050        | LYMC  | 500                 | 500                  | 625 | 50 | 2.5    | 531                      | 592 | 247                              | 561                              | 306                              | 747                              | 41.7   |
| CRBC50070 | CRB50070        | LYMC  | 500                 | 500                  | 680 | 70 | 2.5    | 530                      | 633 | 536                              | 1020                             | 653                              | 1330                             | 86.1   |
| CRBC60040 | CRB60040        | LYMC  | 600                 | 600                  | 700 | 40 | 3      | 621                      | 676 | 231                              | 581                              | 287                              | 774                              | 30.6   |

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|            |           |      |     |     |      |     |   |     |     |      |      |      |      |      |
|------------|-----------|------|-----|-----|------|-----|---|-----|-----|------|------|------|------|------|
| CRBC60070  | CRB60070  | LYMC | 600 | 600 | 780  | 70  | 3 | 630 | 734 | 591  | 1230 | 700  | 1540 | 102  |
| CRBC600120 | CRB600120 | LYMC | 600 | 600 | 870  | 120 | 3 | 643 | 817 | 1250 | 2210 | 1490 | 2800 | 274  |
| CRBC70045  | CRB70045  | LYMC | 700 | 700 | 815  | 45  | 3 | 730 | 785 | 250  | 681  | 301  | 917  | 46.5 |
| CRBC70070  | CRB70070  | LYMC | 700 | 700 | 880  | 70  | 3 | 731 | 834 | 630  | 1390 | 766  | 1810 | 115  |
| CRBC700150 | CRB700150 | LYMC | 700 | 700 | 1020 | 150 | 3 | 751 | 953 | 1660 | 3010 | 1980 | 3820 | 478  |
| CRBC80070  | CRB80070  | LYMC | 800 | 800 | 950  | 70  | 4 | 831 | 907 | 417  | 1090 | 513  | 1440 | 109  |
| CRBC800100 | CRB800100 | LYMC | 800 | 800 | 1030 | 100 | 4 | 840 | 972 | 936  | 2040 | 1140 | 2640 | 247  |

