

QJ SERIES FOUR POINT CONTACT BEARINGS

# Four Point Contact Ball Bearings

QJ series four point contact ball bearings feature a split inner ring and one-piece outer ring design, supporting bidirectional axial loads within a compact bearing arrangement.

✓ Split Inner Ring

✓ Bidirectional Axial Load

✓ Compact Design

**Note:** QJ series four point contact ball bearings can support axial loads in both directions and are suitable for compact bearing arrangements.

| Designation  | Principal Dimensions (mm) |     |    | Basic Load Ratings (kN) |           | Fatigue Load Limit (kN) Pu | Speed Ratings (r/min) |                |
|--------------|---------------------------|-----|----|-------------------------|-----------|----------------------------|-----------------------|----------------|
|              | d                         | D   | B  | Dynamic C               | Static C0 |                            | Reference Speed       | Limiting Speed |
| QJ 324 N2MA  | 120                       | 260 | 55 | 415                     | 530       | 16.3                       | 3200                  | 4500           |
| QJ 224 N2MA  | 120                       | 215 | 40 | 300                     | 365       | 12                         | 3600                  | 5000           |
| QJ 326 N2MA  | 130                       | 280 | 58 | 455                     | 610       | 18                         | 3000                  | 4000           |
| QJ 226 N2MA  | 130                       | 230 | 40 | 310                     | 400       | 12.7                       | 3400                  | 4800           |
| QJ 228 N2MA  | 140                       | 250 | 42 | 345                     | 475       | 14.3                       | 3200                  | 4300           |
| QJ 328 N2MA  | 140                       | 300 | 62 | 500                     | 695       | 20                         | 2800                  | 3800           |
| QJ 230 N2MA  | 150                       | 270 | 45 | 400                     | 570       | 16.6                       | 3000                  | 4000           |
| QJ 330 N2MA  | 150                       | 320 | 65 | 530                     | 765       | 21.2                       | 2600                  | 3600           |
| QJ 1030 N2MA | 150                       | 225 | 35 | 242                     | 335       | 10.4                       | 2800                  | 4500           |
| QJ 332 N2MA  | 160                       | 340 | 68 | 570                     | 880       | 23.6                       | 2400                  | 3400           |
| QJ 1032 N2MA | 160                       | 240 | 38 | 270                     | 380       | 11.4                       | 2600                  | 4300           |
| QJ 334 N2MA  | 170                       | 360 | 72 | 655                     | 1040      | 27                         | 2200                  | 3200           |
| QJ 234 N2MA  | 170                       | 310 | 52 | 455                     | 720       | 20                         | 2600                  | 3400           |
| QJ 236 N2MA  | 180                       | 320 | 52 | 475                     | 765       | 20.8                       | 2400                  | 3400           |
| QJ 336 N2MA  | 180                       | 380 | 75 | 680                     | 1100      | 28                         | 2200                  | 3000           |
| QJ 338 N2MA  | 190                       | 400 | 78 | 702                     | 1160      | 28.5                       | 1700                  | 2800           |
| QJ 238 N2MA  | 190                       | 340 | 55 | 510                     | 850       | 22.4                       | 2200                  | 3200           |
| QJ 1038 N2MA | 190                       | 290 | 46 | 364                     | 560       | 15.3                       | 2200                  | 3400           |
| QJ 1040 N2MA | 200                       | 310 | 51 | 390                     | 620       | 16.6                       | 2000                  | 3200           |

| Designation              | Principal Dimensions (mm) |     |    | Basic Load Ratings (kN) |           | Fatigue Load Limit (kN) Pu | Speed Ratings (r/min) |                |
|--------------------------|---------------------------|-----|----|-------------------------|-----------|----------------------------|-----------------------|----------------|
|                          | d                         | D   | B  | Dynamic C               | Static C0 |                            | Reference Speed       | Limiting Speed |
| <b>QJ 240 N2MA</b>       | 200                       | 360 | 58 | 540                     | 915       | 23.2                       | 1800                  | 3000           |
| <b>QJ 1240 N2MA</b>      | 200                       | 360 | 70 | 520                     | 865       | 21.6                       | 1800                  | 3000           |
| <b>QJ 344 N2MA</b>       | 220                       | 460 | 88 | 780                     | 1400      | 32                         | 1500                  | 2400           |
| <b>QJ 1244 N2MA</b>      | 220                       | 400 | 78 | 364                     | 1020      | 24.5                       | 1800                  | 1800           |
| <b>QJ 344 N2/309829</b>  | 220                       | 460 | 88 | 904                     | 1660      | 38                         | 1500                  | 2400           |
| <b>QJ 1248 MA/344524</b> | 240                       | 440 | 85 | 663                     | 1220      | 28                         | 1500                  | 2400           |
| <b>QJ 248 N2MA</b>       | 240                       | 440 | 72 | 650                     | 1200      | 27.5                       | 1500                  | 2400           |
| <b>QJ 1252 MA</b>        | 260                       | 480 | 90 | 741                     | 1460      | 32                         | 1300                  | 2200           |
| <b>QJ 252 N2MA</b>       | 260                       | 480 | 80 | 728                     | 1430      | 32                         | 1300                  | 2200           |
| <b>QJ 1252 N2MA</b>      | 260                       | 480 | 90 | 741                     | 1460      | 32                         | 1300                  | 2200           |

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