

Four-point Angular Contact Ball Bearings

| Bearing NO. | | (أبعاد الحدود) mm | | | | | Basic load ratings(kN) | | Limiting speed(rpm) | | Application point | Abutment and fillet dimensions(mm) | | | | Value | | | Weight (kg) | |
|-------------|---------|-------------------|-------|----|-----|--------|------------------------|------|---------------------|-----|-------------------|------------------------------------|--------|--------|-----|-------|------|------|-------------|-------|
| New | Old | د | د | ب | r | 1.2min | Cr | Cor | Grease | Oil | a | da min | Da max | ra max | e | x | Y1 | Y2 | Y0 | Refer |
| QJ1020MA | 176120 | 100 | 150 | 24 | 1.5 | 106 | 134 | 3200 | 4300 | 88 | 109 | 141 | 1.5 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 1.6 | |
| QJF1020MB | 116120 | 100 | 149.5 | 24 | 1.5 | 106 | 134 | 3200 | 4300 | 88 | 109 | 141 | 1.5 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 1.63 | |
| QJ1020X1MA | 176720 | 100 | 149.5 | 24 | 1.5 | 106 | 134 | 3200 | 4300 | 88 | 109 | 141 | 1.5 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 1.6 | |
| QJF1020X1MB | 116720 | 100 | 149.5 | 24 | 1.5 | 106 | 134 | 3200 | 4300 | 88 | 109 | 141 | 1.5 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 1.6 | |
| QJ220N2MA | 176220K | 100 | 180 | 34 | 2.1 | 225 | 240 | 2800 | 3800 | 98 | 112 | 168 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 4.05 | |
| QJF220MB | 116220 | 100 | 180 | 34 | 2.1 | 225 | 240 | 2800 | 3800 | 98 | 112 | 168 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 4.06 | |
| QJ320N2MA | 176320K | 100 | 215 | 47 | 3 | 307 | 340 | 2400 | 3400 | 110 | 114 | 201 | 2.5 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 9.3 | |
| QJF320MB | 116320 | 100 | 215 | 47 | 3 | 307 | 340 | 2400 | 3400 | 110 | 114 | 201 | 2.5 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 9.31 | |
| QJ1021N2MA | 176121K | 105 | 160 | 26 | 2 | 124 | 156 | 3000 | 4000 | 93 | 115 | 150 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 2 | |
| QJF1021MB | 116121 | 105 | 160 | 26 | 2 | 124 | 156 | 3000 | 4000 | 93 | 115 | 150 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 2.1 | |
| QJ221N2MA | 176221K | 105 | 190 | 36 | 2.1 | 242 | 270 | 2600 | 3600 | 103 | 117 | 178 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 4.8 | |
| QJF221MB | 116221 | 105 | 190 | 36 | 2.1 | 242 | 270 | 2600 | 3600 | 103 | 117 | 178 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 4.9 | |
| QJ1022N2MA | 176122K | 110 | 170 | 28 | 2 | 146 | 186 | 2800 | 3800 | 98 | 120 | 160 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 2.5 | |
| QJ1022MA | 176122 | 110 | 170 | 28 | 2 | 146 | 186 | 2800 | 3800 | 98 | 120 | 160 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 2.68 | |
| QJF1022MB | 116122 | 110 | 170 | 28 | 2 | 146 | 186 | 2800 | 3800 | 98 | 120 | 160 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 2.7 | |
| QJ1022X1MA | 176722 | 110 | 169.5 | 28 | 2 | 146 | 186 | 2800 | 3800 | 98 | 120 | 160 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 2.65 | |
| QJF1022X1MB | 116722 | 110 | 169.5 | 28 | 2 | 146 | 186 | 2800 | 3800 | 98 | 120 | 160 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 2.65 | |
| QJ222N2MA | 176222K | 110 | 200 | 38 | 2.1 | 265 | 305 | 2400 | 3400 | 109 | 122 | 188 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 5.6 | |
| QJ222MA | 176222 | 110 | 200 | 38 | 2.1 | 265 | 305 | 2400 | 3400 | 109 | 122 | 188 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 5.71 | |
| QJF222MB | 116222 | 110 | 200 | 38 | 2.1 | 265 | 305 | 2400 | 3400 | 109 | 122 | 188 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 5.73 | |
| QJ322N2MA | 176322K | 110 | 240 | 50 | 3 | 364 | 430 | 2000 | 3000 | 123 | 124 | 226 | 2.5 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 12 | |
| QJ322MA | 176322 | 110 | 240 | 50 | 3 | 364 | 430 | 2000 | 3000 | 123 | 124 | 226 | 2.5 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 12.5 | |
| QJF322MB | 116322 | 110 | 240 | 50 | 3 | 364 | 430 | 2000 | 3000 | 123 | 124 | 226 | 2.5 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 12.5 | |
| QJ1024N2MA | 176124K | 120 | 180 | 28 | 2 | 148 | 196 | 2600 | 3600 | 105 | 130 | 170 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 2.65 | |
| QJF1024MB | 116124 | 120 | 180 | 28 | 2 | 148 | 196 | 2600 | 3600 | 105 | 130 | 170 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 2.65 | |
| QJ1024X1MA | 176724 | 120 | 179.5 | 28 | 2 | 148 | 196 | 2600 | 3600 | 105 | 130 | 170 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 2.62 | |
| QJF1024X1MB | 116724 | 120 | 179.5 | 28 | 2 | 148 | 196 | 2600 | 3600 | 105 | 130 | 170 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 2.62 | |
| QJ224N2MA | 176224K | 120 | 215 | 40 | 2.1 | 286 | 340 | 2200 | 3200 | 117 | 132 | 203 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 6.95 | |
| QJF224MB | 116224 | 120 | 215 | 40 | 2.1 | 286 | 340 | 2200 | 3200 | 117 | 132 | 203 | 2 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 6.95 | |
| QJ324N2MA | 176324K | 120 | 260 | 55 | 3 | 390 | 490 | 1900 | 2800 | 133 | 134 | 246 | 2.5 | 0.95 | 0.6 | 0.66 | 1.07 | 0.58 | 15.3 | |