

## QJ300 Series Angular Contact Ball Bearing

Four Point Angular Contact Ball Bearing

QJ300 Series Angular Contact Ball Bearing



| Designation | Principal dimensions(mm) |     |    |        | Basic load ratings(KN) |        | Basic load ratings(kgf) |       | Limiting Speed (rpm) |       | Distance of action point | Installation dimensions(mm) |         |         | Weight |
|-------------|--------------------------|-----|----|--------|------------------------|--------|-------------------------|-------|----------------------|-------|--------------------------|-----------------------------|---------|---------|--------|
|             | d                        | D   | B  | r(min) | Cr                     | Cor    | Cr                      | Cor   | Grease               | Oil   | a0(mm)                   | da(min)                     | Da(max) | ra(max) | (kg)   |
| QJ306       | 30                       | 72  | 19 | 1.1    | 46000                  | 63000  | 4700                    | 6450  | 8000                 | 11000 | 35.7                     | 37                          | 65      | 1       | 0.42   |
| QJ307       | 35                       | 80  | 21 | 1.5    | 55000                  | 80000  | 5600                    | 8150  | 7100                 | 9500  | 40.3                     | 44                          | 71      | 1.5     | 0.57   |
| QJ308       | 40                       | 90  | 23 | 1.5    | 67000                  | 100000 | 6850                    | 10200 | 6300                 | 8500  | 45.5                     | 49                          | 81      | 1.5     | 0.78   |
| QJ309       | 45                       | 100 | 25 | 1.5    | 87500                  | 133000 | 8900                    | 13500 | 5600                 | 7500  | 50.8                     | 54                          | 91      | 1.5     | 1.05   |
| QJ310       | 50                       | 110 | 27 | 2      | 102000                 | 159000 | 10400                   | 16200 | 5000                 | 6700  | 56                       | 60                          | 100     | 2       | 1.35   |
| QJ311       | 55                       | 120 | 29 | 2      | 118000                 | 187000 | 12000                   | 19100 | 4500                 | 6300  | 61.3                     | 65                          | 110     | 2       | 1.75   |
| QJ312       | 60                       | 130 | 31 | 2.1    | 135000                 | 217000 | 13800                   | 22200 | 4300                 | 5600  | 66.5                     | 72                          | 118     | 2       | 2.15   |
| QJ313       | 65                       | 140 | 33 | 2.1    | 153000                 | 250000 | 15600                   | 25500 | 3800                 | 5300  | 71.8                     | 77                          | 128     | 2       | 2.7    |
| QJ314       | 70                       | 150 | 35 | 2.1    | 172000                 | 285000 | 17500                   | 29100 | 3600                 | 5000  | 77                       | 82                          | 138     | 2       | 3.18   |
| QJ315       | 75                       | 160 | 37 | 2.1    | 187000                 | 320000 | 19100                   | 33000 | 3400                 | 4800  | 82.3                     | 87                          | 148     | 2       | 3.9    |
| QJ316       | 80                       | 170 | 39 | 2.1    | 202000                 | 360000 | 20600                   | 37000 | 3200                 | 4300  | 87.5                     | 92                          | 158     | 2       | 4.6    |
| QJ317       | 85                       | 180 | 41 | 3      | 218000                 | 405000 | 22300                   | 41000 | 3000                 | 4000  | 92.8                     | 99                          | 166     | 2.5     | 5.34   |
| QJ318       | 90                       | 190 | 43 | 3      | 235000                 | 450000 | 23900                   | 45500 | 2800                 | 3800  | 98                       | 104                         | 176     | 2.5     | 6.4    |
| QJ319       | 95                       | 200 | 45 | 3      | 251000                 | 495000 | 25600                   | 50500 | 2600                 | 3600  | 103.3                    | 109                         | 186     | 2.5     | 7.4    |