

## Deep Groove Ball Bearing

16000 Series deep groove ball bearing-16003 

|                                      |       |
|--------------------------------------|-------|
| Designação de Rolamento              | 16003 |
| Dimensão [mm]                        |       |
| d                                    | 17    |
| D                                    | 35    |
| B                                    | 8     |
| rs min                               | 0.3   |
| Classificações básicas de carga (kN) |       |
| Cr                                   | 6.8   |
| Cor                                  | 3.35  |
| Avaliações de velocidade (rpm)       |       |
| Graxa                                | 20000 |
| Óleo                                 | 24000 |
| Peso                                 |       |
| (Kg)                                 | 0.032 |

## GQZ Bearings Wholesale High Quality 16000 Series deep groove ball bearing

**16000 series deep groove ball bearings are a widely used bearing type with the following characteristics:**

**High speed and durability:** deep groove ball bearings are suitable for operation at high or even very high speeds and are so durable that they require no frequent maintenance.

**Low friction and high performance:** these bearings have a small coefficient of friction and high limiting speed, simple structure, low manufacturing cost and easy to achieve high manufacturing accuracy.

**Variety of sizes and wide application:** deep groove ball bearings have a variety of size ranges and form changes, and are widely used in precision instruments, low noise motors, automobiles, motorcycles and general machinery industries.

**Withstand load capacity:** mainly used to withstand radial load, when increase bearing radial clearance, has certain angular contact ball bearing performance, can withstand radial and axial joint load.

**Axial orientation:** after mounted on the shaft, within the axial clearance of the bearing, it can limit the axial displacement in both directions of the shaft or shell, so it can be used for axial orientation in both directions.

**Seal and keeper:** sealing forms include open (no cover), metal shield with dust cover (ZZ), rubber seals (2RS). Stainless steel is the usual choice for retainers, but there is also an option to use nylon retainers.

**Accuracy Grade:** Different accuracy grades of bearings are available, including ABEC-1 to ABEC-9, with gradually increasing accuracy grades.

## 16000-Series-deep-groove-ball-bearing-16003

**Application Areas:** Suitable for electric motors, fitness equipment, telecommunication equipment, instruments, computers, automobile motors, precision instruments, mechanical equipment and other fields.



| Model        | Weight: | ID : | OD : | T(B) : |
|--------------|---------|------|------|--------|
| 16001        | 0.019kg | 12mm | 28mm | 7mm    |
| 16002        | 0.027kg | 15mm | 32mm | 8mm    |
| 16003        | 0.03kg  | 17mm | 35mm | 8mm    |
| 16004        | 0.05kg  | 20mm | 42mm | 8mm    |
| 16005        | 0.055kg | 25mm | 47mm | 8mm    |
| 16006        | 0.082kg | 30mm | 55mm | 9mm    |
| 16008        | 0.12kg  | 40mm | 68mm | 9mm    |
| 16001ZZ      | 0.019kg | 12mm | 28mm | 7mm    |
| 16009        | 0.167kg | 45mm | 75mm | 10mm   |
| 16007        | 0.105kg | 35mm | 62mm | 9mm    |
| 16006Q1      | 0.099kg | 30mm | 55mm | 9mm    |
| 16006/Z1     | 0.085kg | 30mm | 55mm | 9mm    |
| 16006-2Z     | 0.085kg | 30mm | 55mm | 9mm    |
| 16006-2RS    | 0.084kg | 30mm | 55mm | 9mm    |
| 16005NR      | 0.059kg | 25mm | 47mm | 8mm    |
| 16005/Z1     | 0.06kg  | 25mm | 47mm | 8mm    |
| 16005-2Z     | 0.06kg  | 25mm | 47mm | 8mm    |
| 16005-2RSV   | 0.059kg | 25mm | 47mm | 8mm    |
| 16005-2RS    | 0.06kg  | 25mm | 47mm | 8mm    |
| 16004-2Z     | 0.05kg  | 20mm | 42mm | 8mm    |
| 16004-2RSV   | 0.048kg | 20mm | 42mm | 8mm    |
| 16004-2RS    | 0.051kg | 20mm | 42mm | 8mm    |
| 16004NR      | 0.048kg | 20mm | 42mm | 8mm    |
| 16003Q1      | 0.03kg  | 17mm | 35mm | 8mm    |
| 16003NR      | 0.083kg | 17mm | 35mm | 8mm    |
| 16003-2Z     | 0.032kg | 17mm | 35mm | 8mm    |
| 16003-2RSV   | 0.083kg | 17mm | 35mm | 8mm    |
| 16002Q1/P5S1 | 0.025kg | 15mm | 32mm | 8mm    |
| 16002NR      | 0.027kg | 15mm | 32mm | 8mm    |
| 16002/S1     | 0.025kg | 15mm | 32mm | 8mm    |
| 16002/C3S1T  | 0.027kg | 15mm | 32mm | 8mm    |
| 16002-Z      | 0.025kg | 15mm | 32mm | 8mm    |
| 16002-2Z     | 0.025kg | 15mm | 32mm | 8mm    |
| 16002-2RSV   | 0.027kg | 15mm | 32mm | 8mm    |
| 16002-2RS    | 0.025kg | 15mm | 32mm | 8mm    |
| 16001Q1/P5S1 | 0.019kg | 12mm | 28mm | 7mm    |

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|            |         |      |      |      |
|------------|---------|------|------|------|
| 16001NR    | 0.019kg | 12mm | 28mm | 7mm  |
| 16001-2Z   | 0.022kg | 12mm | 28mm | 7mm  |
| 16001-2RSV | 0.019kg | 12mm | 28mm | 7mm  |
| 16001-2RS  | 0.019kg | 12mm | 28mm | 7mm  |
| 16009-2Z   | 0.17kg  | 45mm | 75mm | 10mm |
| 16009-2RSV | 0.167kg | 45mm | 75mm | 10mm |
| 16009-2RS  | 0.171kg | 45mm | 75mm | 10mm |
| 16008-2Z   | 0.13kg  | 40mm | 68mm | 9mm  |
| 16008-2RSV | 0.13kg  | 40mm | 68mm | 9mm  |
| 16008-2RS  | 0.125kg | 40mm | 68mm | 9mm  |
| 16007NR    | 0.107kg | 35mm | 62mm | 9mm  |
| 16007/Z1   | 0.11kg  | 35mm | 62mm | 9mm  |
| 16007-2Z   | 0.11kg  | 35mm | 62mm | 9mm  |
| 16007-2RSV | 0.107kg | 35mm | 62mm | 9mm  |
| 16007-2RS  | 0.11kg  | 35mm | 62mm | 9mm  |



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