

# Single Row Angular Contact Ball Bearings

7000 Series-7021DT,7021DF,7021DB,7021A



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row **7021A**

DB **7021DB**

DF **7021DF**

DT **7021DT**

## Dimensões principais (mm)

d 105

D 160

B 26

r (min) **2**

r1(min) **1**

## Basic load ratings(N)

Cr 80000

Cor 81500

## Classificações básicas de carga (kgf)

Cr 8150

Cor 8350

## Valor

fo 16.1

## Velocidade limite (rpm)

Graxa 4300

Óleo 5600

## Distance of action point(mm)

uma 51.2

## Abutment and fillet dimensions

da (min) 115

Da (max) 150

ra (max) **2**

## Peso

(kg) 1.84

## Basic load ratings(duplex bearing) (N)

Cr 130000

Cor 163000

## Basic load ratings(duplex bearing) (kgf)

Cr 13300

Cor 16700

## Limiting Speed(duplex bearing) (rpm)

Graxa 3400

Óleo 4500

## Distance of action point (duplex bearing)(a0)

back-to-back 102.5

## arrangement

face-to-face 50.5

## arrangement

## Installation dimensions(duplex bearing)

db (min) 1-1 / 16

Db(max) 154

rb (max) **1**

## **GQZ high quality 7000 Series Single Row Angular Contact Ball Bearings**

Angular contact ball bearings have inner and outer ring raceways that are displaced relative to each other in the direction of the bearing axis. This means that these bearings are designed to accommodate combined loads, i.e. simultaneously acting radial and axial loads.

The axial load carrying capacity of angular contact ball bearings increases as the contact angle increases. The contact angle is defined as the angle between the line joining the points of contact of the ball and the raceways in the radial plane, along which the combined load is transmitted from one raceway to another, and a line perpendicular to the bearing axis

The most commonly used designs are:

single row angular contact ball bearings

double row angular contact ball bearings

four-point contact ball bearings

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