

# Single Row Angular Contact Ball Bearings

7200 Series-7232DT,7232DF,7232DB,7232A



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row **7232A**

DB **7232DB**

DF **7232DF**

DT **7232DT**

## Dimensões principais (mm)

d 160

D 290

B 48

r (min) **3**

r1(min) 1.1

## Basic load ratings(N)

Cr 263000

Cor 305000

## Classificações básicas de carga (kgf)

Cr 26800

Cor 31500

## Valor

fo 15.3

## Velocidade limite (rpm)

Graxa 1900

Óleo 2600

## Distance of action point(mm)

uma 89

## Abutment and fillet dimensions

da (min) 174

Da (max) 276

ra (max) 2.5

## Peso

(kg) 14.1

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

Cr 425000

Cor 615000

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

Cr 43500

Cor 62500

## Limiting Speed(duplex bearing) (rpm)

Graxa 1500

Óleo 2000

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

back-to-back 177.9

## arrangement

face-to-face 81.9

## arrangement

## Installation dimensions(duplex bearing)

db (min) 1-1 / 16

Db(max) 283

rb (max) 1

## **GQZ high quality 7200 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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