

# Single Row Angular Contact Ball Bearings

7200 Series-7215DT,7215DF,7215DB,7215C



WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7215C</b>
DB	<b>7215DB</b>
DF	<b>7215DF</b>
DT	<b>7215DT</b>

## Dimensões principais (mm)

d	75
D	130
B	25
r (min)	1.5
r1(min)	<b>1</b>

## Basic load ratings(N)

Cr	83000
Cor	70000

## Classificações básicas de carga (kgf)

Cr	8450
Cor	7100

## Valor

fo	14.8
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## Velocidade limite (rpm)

Graxa	8000
Óleo	11000

## Distance of action point(mm)

uma	26.2
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## Abutment and fillet dimensions

da (min)	84
Da (max)	121
ra (max)	1.5

## Peso

(kg)	1.36
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## Basic load ratings(duplex bearing) (N)

Cr	134000
Cor	140000

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

Cr	13700
Cor	14200

## Limiting Speed(duplex bearing) (rpm)

Graxa	6300
Óleo	9000

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

back-to-back arrangement	52.4
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face-to-face arrangement	2.4
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## Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	124
rb (max)	<b>1</b>

## **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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