

# Single Row Angular Contact Ball Bearings

7200 Series-7212DT,7212DF,7212DB,7212C



WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7212C</b>
DB	<b>7212DB</b>
DF	<b>7212DF</b>
DT	<b>7212DT</b>

## Dimensões principais (mm)

d	60
D	110
B	22
r (min)	1.5
r1(min)	<b>1</b>

## Basic load ratings(N)

Cr	64000
Cor	49000

## Classificações básicas de carga (kgf)

Cr	6550
Cor	5000

## Valor

fo	14.4
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## Velocidade limite (rpm)

Graxa	9500
Óleo	13000

## Distance of action point(mm)

uma	22.4
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## Abutment and fillet dimensions

da (min)	69
Da (max)	101
ra (max)	1.5

## Peso

(kg)	0.889
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## Basic load ratings(duplex bearing) (N)

Cr	104000
Cor	98500

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

Cr	10600
Cor	10000

## Limiting Speed(duplex bearing) (rpm)

Graxa	7500
Óleo	11000

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

back-to-back arrangement	44.8
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face-to-face arrangement	0.8
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## Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	104
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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