

## Single Row Angular Contact Ball Bearings

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



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

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

## Dimensiones principales (mm)

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

## Basic load ratings(N)

Cr	62000
Cor	48500

## Clasificaciones de carga básica (kgf)

Cr	6300
Cor	4950

## Valor

fo	14.9
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## Velocidad límite (rpm)

Grasa	6700
Petróleo	9000

## Distance of action point(mm)

a	35.5
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## Abutment and fillet dimensions

da (min)	69
Da (máx.)	101
ra (máximo)	1.5

## Peso

(kg)	0.798
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## Basic load ratings(duplex bearing) (N)

Cr	100000
Cor	97500

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

Cr	10200
Cor	9950

## Limiting Speed(duplex bearing) (rpm)

Grasa	5300
Petróleo	7100

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

back-to-back arrangement	71.1
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face-to-face arrangement	27.1
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## Installation dimensions(duplex bearing)

db (min)	66
Db(max)	104
rb (máximo)	<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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