

# Single Row Angular Contact Ball Bearings

7200 Series-7213DT,7213DF,7213DB,7213A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7213A</b>
DB	<b>7213DB</b>
DF	<b>7213DF</b>
DT	<b>7213DT</b>

## Dimensões principais (mm)

d	65
D	120
B	23
r (min)	1.5
r1(min)	<b>1</b>

## Basic load ratings(N)

Cr	70500
Cor	58000

## Classificações básicas de carga (kgf)

Cr	7150
Cor	5900

## Valor

fo	15
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## Velocidade limite (rpm)

Graxa	6000
Óleo	8500

## Distance of action point(mm)

uma	38.2
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## Abutment and fillet dimensions

da (min)	74
Da (max)	111
ra (max)	1.5

## Peso

(kg)	1.03
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## Basic load ratings(duplex bearing) (N)

Cr	114000
Cor	116000

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

Cr	11600
Cor	11800

## Limiting Speed(duplex bearing) (rpm)

Graxa	4800
Óleo	6700

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

back-to-back arrangement	76.4
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face-to-face arrangement	30.4
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## Installation dimensions(duplex bearing)

db (min)	71
Db(max)	114
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

Wuxi Guangqiang Bearing Trade Co.,Ltd-Tel:86-510-82601571-Email:gq@gqbearing.com,shary@gqbearing.com-http://www.bearing-asia.com