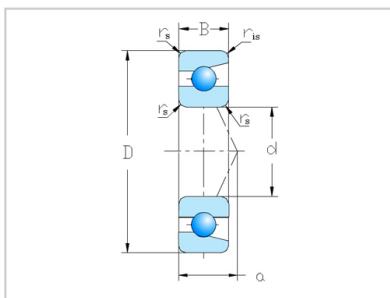


## Single Row Angular Contact Ball Bearings

7200 Series-7222DT,7222DF,7222DB,7222B



WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7222B</b>
DB	<b>7222DB</b>
DF	<b>7222DF</b>
DT	<b>7222DT</b>

## Dimensões principais (mm)

d	110
D	200
B	38
r (min)	2.1
r1(min)	1.1

## Basic load ratings(N)

Cr	154000
Cor	144000

## Classificações básicas de carga (kgf)

Cr	15700
Cor	14700

## Valor

fo	15.4
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## Velocidade limite (rpm)

Graxa	2600
Óleo	3400

## Distance of action point(mm)

uma	84
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## Abutment and fillet dimensions

da (min)	122
Da (max)	188
ra (max)	<b>2</b>

## Peso

(kg)	4.58
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## Basic load ratings(duplex bearing) (N)

Cr	250000
Cor	289000

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

Cr	25500
Cor	29400

## Limiting Speed(duplex bearing) (rpm)

Graxa	2000
Óleo	2800

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

back-to-back arrangement	168.1
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face-to-face arrangement	92.1
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## Installation dimensions(duplex bearing)

db (min)	117
Db(max)	193
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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