

# Single Row Angular Contact Ball Bearings

7200 Series-7205DT,7205DF,7205DB,7205C



WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7205C</b>
DB	<b>7205DB</b>
DF	<b>7205DF</b>
DT	<b>7205DT</b>

## Dimensões principais (mm)

d	25
D	52
B	15
r (min)	1
r1(min)	0.6

## Basic load ratings(N)

Cr	16600
Cor	10200

## Classificações básicas de carga (kgf)

Cr	1690
Cor	1040

## Valor

fo	14
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## Velocidade limite (rpm)

Graxa	22000
Óleo	28000

## Distance of action point(mm)

uma	12.7
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## Abutment and fillet dimensions

da (min)	31
Da (max)	46
ra (max)	1

## Peso

(kg)	0.143
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## Basic load ratings(duplex bearing) (N)

Cr	27000
Cor	20400

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

Cr	2750
Cor	2080

## Limiting Speed(duplex bearing) (rpm)

Graxa	17000
Óleo	24000

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

back-to-back arrangement	25.3
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face-to-face arrangement	4.7
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## Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	47
rb (max)	0.6

## **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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