

## Single Row Angular Contact Ball Bearings

7200 Series-7202DT,7202DF,7202DB,7202B



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7202B</b>
DB	<b>7202DB</b>
DF	<b>7202DF</b>
DT	<b>7202DT</b>

## Dimensiones principales (mm)

D	15
D	35
B	11
r (min)	0.6
r1(min)	0.3

## Basic load ratings(N)

Cr	7950
Cor	4300

## Clasificaciones de carga básica (kgf)

Cr	810
Cor	440

## Valor

fo	14.4
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## Velocidad límite (rpm)

Grasa	16000
Petróleo	22000

## Distance of action point(mm)

a	16
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## Abutment and fillet dimensions

da (min)	<b>20</b>
Da (máx.)	30
ra (máximo)	0.6

## Peso

(kg)	0.046
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## Basic load ratings(duplex bearing) (N)

Cr	12900
Cor	8600

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

Cr	1310
Cor	875

## Limiting Speed(duplex bearing) (rpm)

Grasa	13000
Petróleo	18000

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

back-to-back arrangement	32
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face-to-face arrangement	10
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## Installation dimensions(duplex bearing)

db (min)	17.5
Db(max)	32.5
rb (máximo)	0.3

## **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