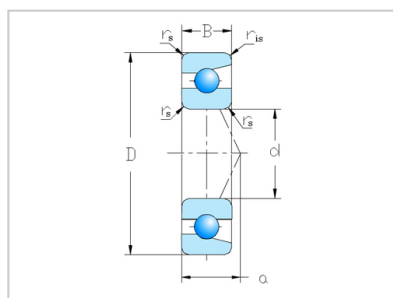


# Single Row Angular Contact Ball Bearings

7200 Series-7219DT,7219DF,7219DB,7219B



WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7219B</b>
DB	<b>7219DB</b>
DF	<b>7219DF</b>
DT	<b>7219DT</b>

## Dimensiones principales (mm)

D	95
D	170
B	32
r (min)	2.1
r1(min)	1.1

## Basic load ratings(N)

Cr	116000
Cor	101000

## Clasificaciones de carga básica (kgf)

Cr	11800
Cor	10300

## Valor

fo	15.4
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## Velocidad límite (rpm)

Grasa	3000
Petróleo	4000

## Distance of action point(mm)

a	71.6
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## Abutment and fillet dimensions

da (min)	107
Da (máx.)	158
ra (máximo)	<b>2</b>

## Peso

(kg)	2.74
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## Basic load ratings(duplex bearing) (N)

Cr	188000
Cor	202000

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

Cr	19200
Cor	20500

## Limiting Speed(duplex bearing) (rpm)

Grasa	2400
Petróleo	3200

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

back-to-back arrangement	143.2
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face-to-face arrangement	79.2
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## Installation dimensions(duplex bearing)

db (min)	102
Db(max)	163
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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