

## Single Row Angular Contact Ball Bearings

7300 Series-7303DT,7303DF,7303DB,7303A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7303A</b>
DB	<b>7303DB</b>
DF	<b>7303DF</b>
DT	<b>7303DT</b>

## Dimensiones principales (mm)

D	17
D	47
B	14
r (min)	1
r1(min)	0.6

## Basic load ratings(N)

Cr	15900
Cor	8650

## Clasificaciones de carga básica (kgf)

Cr	1630
Cor	880

## Valor

fo	13.1
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## Velocidad límite (rpm)

Grasa	14000
Petróleo	19000

## Distance of action point(mm)

a	16.2
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## Abutment and fillet dimensions

da (min)	23
Da (máx.)	41
ra (máximo)	1

## Peso

(kg)	0.116
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## Basic load ratings(duplex bearing) (N)

Cr	25900
Cor	17300

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

Cr	2640
Cor	1760

## Limiting Speed(duplex bearing) (rpm)

Grasa	11000
Petróleo	15000

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

back-to-back arrangement	32.5
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face-to-face arrangement	4.5
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## Installation dimensions(duplex bearing)

db (min)	22
Db(max)	42
rb (máximo)	0.6

## **GQZ high quality 7300 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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