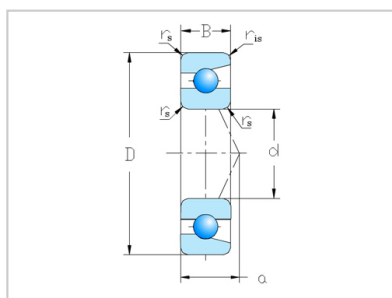


## Single Row Angular Contact Ball Bearings

7000 Series-7003DT,7003DF,7003DB,7003C



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7003C</b>
DB	<b>7003DB</b>
DF	<b>7003DF</b>
DT	<b>7003DT</b>

## Dimensões principais (mm)

d	17
D	35
B	10
r (min)	0.3
r1(min)	0.15

## Basic load ratings(N)

Cr	6600
Cor	3800

## Classificações básicas de carga (kgf)

Cr	675
Cor	390

## Valor

fo	14.5
----	------

## Velocidade limite (rpm)

Graxa	32000
Óleo	43000

## Distance of action point(mm)

uma	8.5
-----	-----

## Abutment and fillet dimensions

da (min)	19.5
Da (max)	32.5
ra (max)	0.3

## Peso

(kg)	0.044
------	-------

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

Cr	10700
Cor	7600

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

Cr	1100
Cor	775

## Limiting Speed(duplex bearing) (rpm)

Graxa	26000
Óleo	34000

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

back-to-back arrangement	17
-----------------------------	----

face-to-face arrangement	<b>3</b>
-----------------------------	----------

## Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	33.8
rb (max)	0.15

## **GQZ high quality 7000 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