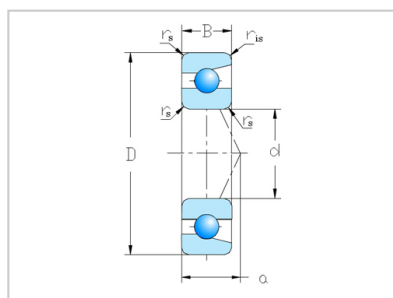


# Single Row Angular Contact Ball Bearings

7000 Series-7040DT,7040DF,7040DB,7040A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7040A</b>
DB	<b>7040DB</b>
DF	<b>7040DF</b>
DT	<b>7040DT</b>

## Dimensões principais (mm)

d	200
D	310
B	51
r (min)	2.1
r1(min)	1.1

## Basic load ratings(N)

Cr	240000
Cor	310000

## Classificações básicas de carga (kgf)

Cr	24500
Cor	31500

## Valor

fo	16.2
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## Velocidade limite (rpm)

Graxa	1700
Óleo	2200

## Distance of action point(mm)

uma	99.1
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## Abutment and fillet dimensions

da (min)	212
Da (max)	298
ra (max)	2

## Peso

(kg)	13.7
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## Basic load ratings(duplex bearing) (N)

Cr	390000
Cor	620000

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

Cr	40000
Cor	63500

## Limiting Speed(duplex bearing) (rpm)

Graxa	1300
Óleo	1800

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

back-to-back arrangement	198.2
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face-to-face arrangement	96.2
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## Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	303
rb (max)	1

## **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

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