

# Single Row Angular Contact Ball Bearings

7000 Series-7017DT,7017DF,7017DB,7017A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7017A</b>
DB	<b>7017DB</b>
DF	<b>7017DF</b>
DT	<b>7017DT</b>

## Dimensões principais (mm)

d	85
D	130
B	22
r (min)	1.1
r1(min)	0.6

## Basic load ratings(N)

Cr	56500
Cor	56000

## Classificações básicas de carga (kgf)

Cr	5750
Cor	5700

## Valor

fo	16.1
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## Velocidade limite (rpm)

Graxa	5300
Óleo	7100

## Distance of action point(mm)

uma	42
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## Abutment and fillet dimensions

da (min)	92
Da (max)	123
ra (max)	<b>1</b>

## Peso

(kg)	0.913
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## Basic load ratings(duplex bearing) (N)

Cr	91500
Cor	112000

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

Cr	9350
Cor	11400

## Limiting Speed(duplex bearing) (rpm)

Graxa	4300
Óleo	5600

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

back-to-back arrangement	84.1
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face-to-face arrangement	40.1
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## Installation dimensions(duplex bearing)

db (min)	90
Db(max)	125
rb (max)	0.6

## **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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