

# Single Row Angular Contact Ball Bearings

7000 Series-7032DT,7032DF,7032DB,7032A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7032A</b>
DB	<b>7032DB</b>
DF	<b>7032DF</b>
DT	<b>7032DT</b>

## Dimensões principais (mm)

d	160
D	240
B	38
r (min)	2.1
r1(min)	1.1

## Basic load ratings(N)

Cr	155000
Cor	176000

## Classificações básicas de carga (kgf)

Cr	15800
Cor	18000

## Valor

fo	16.3
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## Velocidade limite (rpm)

Graxa	2200
Óleo	2800

## Distance of action point(mm)

uma	76.7
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## Abutment and fillet dimensions

da (min)	172
Da (max)	228
ra (max)	<b>2</b>

## Peso

(kg)	5.77
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## Basic load ratings(duplex bearing) (N)

Cr	252000
Cor	355000

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

Cr	25700
Cor	36000

## Limiting Speed(duplex bearing) (rpm)

Graxa	1700
Óleo	2400

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

back-to-back arrangement	153.5
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face-to-face arrangement	77.5
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## Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	233
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

Wuxi Guangqiang Bearing Trade Co.,Ltd-Tel:86-510-82601571-Email:gq@gqbearing.com,shary@gqbearing.com-http://www.bearing-asia.com