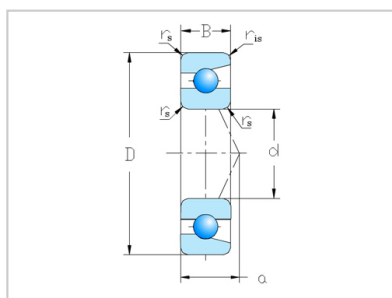


# Single Row Angular Contact Ball Bearings

7200 Series-7216DT,7216DF,7216DB,7216A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row	<b>7216A</b>
DB	<b>7216DB</b>
DF	<b>7216DF</b>
DT	<b>7216DT</b>

## Dimensiones principales (mm)

D	80
D	140
B	26
r (min)	<b>2</b>
r1(min)	<b>1</b>

## Basic load ratings(N)

Cr	89000
Cor	76000

## Clasificaciones de carga básica (kgf)

Cr	9100
Cor	7750

## Valor

fo	15.4
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## Velocidad límite (rpm)

Grasa	5000
Petróleo	7100

## Distance of action point(mm)

a	44.8
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## Abutment and fillet dimensions

da (min)	90
Da (máx.)	130
ra (máximo)	<b>2</b>

## Peso

(kg)	1.46
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## Basic load ratings(duplex bearing) (N)

Cr	145000
Cor	152000

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

Cr	14700
Cor	15600

## Limiting Speed(duplex bearing) (rpm)

Grasa	4000
Petróleo	5600

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

back-to-back arrangement	89.5
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face-to-face arrangement	37.5
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## Installation dimensions(duplex bearing)

db (min)	86
Db(max)	134
rb (máximo)	<b>1</b>

## **GQZ high quality 7200 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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