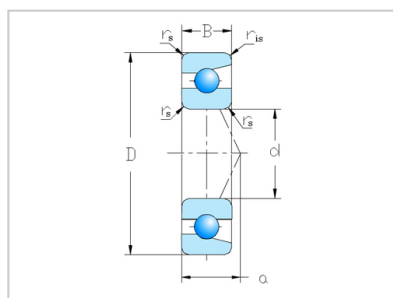


# Single Row Angular Contact Ball Bearings

7200 Series-7207DT,7207DF,7207DB,7207A



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

## Bearing Numbers

Single row **7207A**

DB **7207DB**

DF **7207DF**

DT **7207DT**

## Dimensões principais (mm)

d 35

D **72**

B 17

r (min) 1.1

r1(min) 0.6

## Basic load ratings(N)

Cr 29700

Cor 20100

## Classificações básicas de carga (kgf)

Cr 3050

Cor 2050

## Valor

fo 14.7

## Velocidade limite (rpm)

Graxa 10000

Óleo 14000

## Distance of action point(mm)

uma 23.9

## Abutment and fillet dimensions

da (min) 42

Da (max) 65

ra (max) 1

## Peso

(kg) 0.287

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

Cr 48500

Cor 40000

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

Cr 4900

Cor 4100

## Limiting Speed(duplex bearing) (rpm)

Graxa 8500

Óleo 12000

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

back-to-back 47.9

## arrangement

face-to-face 13.9

## arrangement

## Installation dimensions(duplex bearing)

db (min) 40

Db(max) 67

rb (max) 0.6

## **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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