

Single Row Angular Contact Ball Bearings

7200 Series-7209DT,7209DF,7209DB,7209B



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row **7209B**

DB **7209DB**

DF **7209DF**

DT **7209DT**

Dimensões principais (mm)

d 45

D 85

B 19

r (min) 1.1

r1(min) 0.6

Basic load ratings(N)

Cr 36000

Cor 26200

Classificações básicas de carga (kgf)

Cr 3650

Cor 2680

Valor

fo 15.4

Velocidade limite (rpm)

Graxa 6300

Óleo 8500

Distance of action point(mm)

uma 36.8

Abutment and fillet dimensions

da (min) 52

Da (max) 78

ra (max) 1

Peso

(kg) 0.421

Basic load ratings(duplex bearing) (N)

Cr 58500

Cor 52500

Basic load ratings(duplex bearing) (kgf)

Cr 5950

Cor 5350

Limiting Speed(duplex bearing) (rpm)

Graxa 5000

Óleo 6700

Distance of action point (duplex bearing)(a0)

back-to-back 73.5

arrangement

face-to-face 35.5

arrangement

Installation dimensions(duplex bearing)

db (min) 50

Db(max) 80

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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