

Single Row Angular Contact Ball Bearings

7200 Series-7205DT,7205DF,7205DB,7205B



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row **7205B**

DB **7205DB**

DF **7205DF**

DT **7205DT**

Dimensões principais (mm)

d 25

D 52

B 15

r (min) 1

r1(min) 0.6

Basic load ratings(N)

Cr 14800

Cor 9400

Classificações básicas de carga (kgf)

Cr 1510

Cor 960

Valor

fo 15

Velocidade limite (rpm)

Graxa 10000

Óleo 14000

Distance of action point(mm)

uma 23.7

Abutment and fillet dimensions

da (min) 31

Da (max) 46

ra (max) 1

Peso

(kg) 0.133

Basic load ratings(duplex bearing) (N)

Cr 24000

Cor 18800

Basic load ratings(duplex bearing) (kgf)

Cr 2450

Cor 1920

Limiting Speed(duplex bearing) (rpm)

Graxa 8500

Óleo 11000

Distance of action point (duplex bearing)(a0)

back-to-back 47.3

arrangement

face-to-face 17.3

arrangement

Installation dimensions(duplex bearing)

db (min) 30

Db(max) 47

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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