

Single Row Angular Contact Ball Bearings

7200 Series-7215DT,7215DF,7215DB,7215C



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row **7215C**DB **7215DB**DF **7215DF**DT **7215DT**

Dimensiones principales (mm)

D 75

D 130

B 25

r (min) 1.5

r1(min) **1**

Basic load ratings(N)

Cr 83000

Cor 70000

Clasificaciones de carga básica (kgf)

Cr 8450

Cor 7100

Valor

fo 14.8

Velocidad límite (rpm)

Grasa 8000

Petróleo 11000

Distance of action point(mm)

a 26.2

Abutment and fillet dimensions

da (min) 84

Da (máx.) 121

ra (máximo) 1.5

Peso

(kg) 1.36

Basic load ratings(duplex bearing) (N)

Cr 134000

Cor 140000

Basic load ratings(duplex bearing) (kgf)

Cr 13700

Cor 14200

Limiting Speed(duplex bearing) (rpm)

Grasa 6300

Petróleo 9000

Distance of action point (duplex bearing)(a0)

back-to-back 52.4

arrangement

face-to-face 2.4

arrangement

Installation dimensions(duplex bearing)

db (min) sesenta y cinco

Db(max) 124

rb (máximo) **1**

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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