

Single Row Angular Contact Ball Bearings

7200 Series-7213DT,7213DF,7213DB,7213B



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row **7213B**DB **7213DB**DF **7213DF**DT **7213DT**

Dimensões principais (mm)

d 65

D 120

B 23

r (min) 1.5

r1(min) **1**

Basic load ratings(N)

Cr 63500

Cor 52500

Classificações básicas de carga (kgf)

Cr 6500

Cor 5350

Valor

fo 15.4

Velocidade limite (rpm)

Graxa 4300

Óleo 6000

Distance of action point(mm)

uma 50.3

Abutment and fillet dimensions

da (min) 74

Da (max) 111

ra (max) 1.5

Peso

(kg) 1.05

Basic load ratings(duplex bearing) (N)

Cr 103000

Cor 105000

Basic load ratings(duplex bearing) (kgf)

Cr 10500

Cor 10700

Limiting Speed(duplex bearing) (rpm)

Graxa 3400

Óleo 4800

Distance of action point (duplex bearing)(a0)

back-to-back 100.6

arrangement

face-to-face 54.6

arrangement

Installation dimensions(duplex bearing)

db (min) 71

Db(max) 114

rb (max) **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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