

Single Row Angular Contact Ball Bearings

7200 Series-7224DT,7224DF,7224DB,7224B



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row **7224B**

DB **7224DB**

DF **7224DF**

DT **7224DT**

Dimensões principais (mm)

d 120

D 215

B 40

r (min) 2.1

r1(min) 1.1

Basic load ratings(N)

Cr 165000

Cor 162000

Classificações básicas de carga (kgf)

Cr 16900

Cor 16500

Valor

fo 15.4

Velocidade limite (rpm)

Graxa 2400

Óleo 3200

Distance of action point(mm)

uma 90.3

Abutment and fillet dimensions

da (min) 132

Da (max) 203

ra (max) **2**

Peso

(kg) 6.26

Basic load ratings(duplex bearing) (N)

Cr 269000

Cor 325000

Basic load ratings(duplex bearing) (kgf)

Cr 27400

Cor 33000

Limiting Speed(duplex bearing) (rpm)

Graxa 1900

Óleo 2600

Distance of action point (duplex bearing)(a0)

back-to-back 180.5

arrangement

face-to-face 100.5

arrangement

Installation dimensions(duplex bearing)

db (min) 1-1 / 16

Db(max) 208

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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