

Single Row Angular Contact Ball Bearings

7200 Series-7200DT,7200DF,7200DB,7200A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row **7200A**

DB **7200DB**

DF **7200DF**

DT **7200DT**

Dimensões principais (mm)

d 10

D 30

B 9

r (min) 0.6

r1(min) 0.3

Basic load ratings(N)

Cr 5400

Cor 2710

Classificações básicas de carga (kgf)

Cr 555

Cor 276

Valor

fo 13.8

Velocidade limite (rpm)

Graxa 28000

Óleo 38000

Distance of action point(mm)

uma 10.3

Abutment and fillet dimensions

da (min) 15

Da (max) 25

ra (max) 0.6

Peso

(kg) 0.032

Basic load ratings(duplex bearing) (N)

Cr 8800

Cor 5400

Basic load ratings(duplex bearing) (kgf)

Cr 900

Cor 555

Limiting Speed(duplex bearing) (rpm)

Graxa 22000

Óleo 30000

Distance of action point (duplex bearing)(a0)

back-to-back 20.5

arrangement

face-to-face 2.5

arrangement

Installation dimensions(duplex bearing)

db (min) 12.5

Db(max) 27.5

rb (max) 0.3

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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