

Single Row Angular Contact Ball Bearings

7000 Series-**7002DT,7002DF,7002DB,7002A**



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row **7002A**

DB **7002DB**

DF **7002DF**

DT **7002DT**

Dimensões principais (mm)

d 15

D 32

B 9

r (min) 0.3

r1(min) 0.15

Basic load ratings(N)

Cr 6100

Cor 3450

Classificações básicas de carga (kgf)

Cr 625

Cor 350

Valor

fo 14.5

Velocidade limite (rpm)

Graxa 24000

Óleo 32000

Distance of action point(mm)

uma 11.3

Abutment and fillet dimensions

da (min) 17.5

Da (max) 29.5

ra (max) 0.3

Peso

(kg) 0.03

Basic load ratings(duplex bearing) (N)

Cr 9950

Cor 6850

Basic load ratings(duplex bearing) (kgf)

Cr 1010

Cor **700**

Limiting Speed(duplex bearing) (rpm)

Graxa 19000

Óleo 26000

Distance of action point (duplex bearing)(a0)

back-to-back 22.6

arrangement

face-to-face 4.6

arrangement

Installation dimensions(duplex bearing)

db (min) 16.2

Db(max) 30.8

rb (max) 0.15

GQZ high quality 7000 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

Wuxi Guangqiang Bearing Trade Co.,Ltd-Tel:86-510-82601571-Email:gq@gqbearing.com,shary@gqbearing.com-http://www.bearing-asia.com