

Single Row Angular Contact Ball Bearings

7000 Series-7016DT,7016DF,7016DB,7016C



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row **7016C**

DB **7016DB**

DF **7016DF**

DT **7016DT**

Dimensões principais (mm)

d 80

D 125

B 22

r (min) 1.1

r1(min) 0.6

Basic load ratings(N)

Cr 58500

Cor 55500

Classificações básicas de carga (kgf)

Cr 6000

Cor 5650

Valor

fo 15.7

Velocidade limite (rpm)

Graxa 8000

Óleo 11000

Distance of action point(mm)

uma 24.7

Abutment and fillet dimensions

da (min) 87

Da (max) 118

ra (max) **1**

Peso

(kg) 0.966

Basic load ratings(duplex bearing) (N)

Cr 95500

Cor 111000

Basic load ratings(duplex bearing) (kgf)

Cr 9700

Cor 11300

Limiting Speed(duplex bearing) (rpm)

Graxa 6300

Óleo 9000

Distance of action point (duplex bearing)(a0)

back-to-back 49.4

arrangement

face-to-face 5.4

arrangement

Installation dimensions(duplex bearing)

db (min) 1-1 / 16

Db(max) 120

rb (max) 0.6

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

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