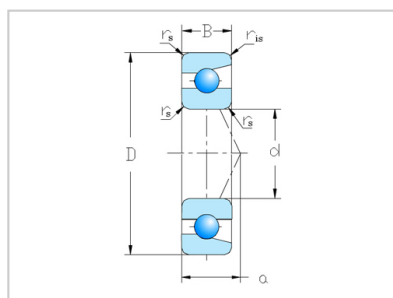


Single Row Angular Contact Ball Bearings

7000 Series-7007DT,7007DF,7007DB,7007C



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row **7007C**

DB **7007DB**

DF **7007DF**

DT **7007DT**

Dimensões principais (mm)

d 35

D 62

B 14

r (min) 1

r1(min) 0.6

Basic load ratings(N)

Cr 19100

Cor 13700

Classificações básicas de carga (kgf)

Cr 1950

Cor 1390

Valor

fo 15

Velocidade limite (rpm)

Graxa 17000

Óleo 22000

Distance of action point(mm)

uma 13.5

Abutment and fillet dimensions

da (min) 41

Da (max) 56

ra (max) 1

Peso

(kg) 0.173

Basic load ratings(duplex bearing) (N)

Cr 31000

Cor 27300

Basic load ratings(duplex bearing) (kgf)

Cr 3150

Cor 2790

Limiting Speed(duplex bearing) (rpm)

Graxa 13000

Óleo 19000

Distance of action point (duplex bearing)(a0)

back-to-back 27

arrangement

face-to-face 1

arrangement

Installation dimensions(duplex bearing)

db (min) 1-1 / 16

Db(max) 57

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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