

Single Row Angular Contact Ball Bearings

7200 Series-7214DT,7214DF,7214DB,7214C



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7214C
DB	7214DB
DF	7214DF
DT	7214DT

Dimensões principais (mm)

d	70
D	125
B	24
r (min)	1.5
r1(min)	1

Basic load ratings(N)

Cr	79500
Cor	64500

Classificações básicas de carga (kgf)

Cr	8100
Cor	6600

Valor

fo	14.6
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Velocidade limite (rpm)

Graxa	8500
Óleo	11000

Distance of action point(mm)

uma	25.1
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Abutment and fillet dimensions

da (min)	79
Da (max)	116
ra (max)	1.5

Peso

(kg)	1.24
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Basic load ratings(duplex bearing) (N)

Cr	129000
Cor	129000

Basic load ratings(duplex bearing) (kgf)

Cr	13200
Cor	13200

Limiting Speed(duplex bearing) (rpm)

Graxa	6700
Óleo	9000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	50.1
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face-to-face arrangement	2.1
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Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	119
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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