

Single Row Angular Contact Ball Bearings

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



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7214B
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	69000
Cor	58000

Classificações básicas de carga (kgf)

Cr	7050
Cor	5900

Valor

fo	15.5
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Velocidade limite (rpm)

Graxa	4000
Óleo	5600

Distance of action point(mm)

uma	52.9
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Abutment and fillet dimensions

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

Peso

(kg)	1.14
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Basic load ratings(duplex bearing) (N)

Cr	112000
Cor	116000

Basic load ratings(duplex bearing) (kgf)

Cr	11500
Cor	11800

Limiting Speed(duplex bearing) (rpm)

Graxa	3200
Óleo	4500

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	105.8
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face-to-face arrangement	57.8
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Installation dimensions(duplex bearing)

db (min)	76
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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