

Single Row Angular Contact Ball Bearings

7200 Series-7210DT,7210DF,7210DB,7210C



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7210C
DB	7210DB
DF	7210DF
DT	7210DT

Dimensões principais (mm)

d	50
D	90
B	20
r (min)	1.1
r1(min)	0.6

Basic load ratings(N)

Cr	43000
Cor	31500

Classificações básicas de carga (kgf)

Cr	4350
Cor	3250

Valor

fo	14.5
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Velocidade limite (rpm)

Graxa	12000
Óleo	16000

Distance of action point(mm)

uma	19.4
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Abutment and fillet dimensions

da (min)	57
Da (max)	83
ra (max)	1

Peso

(kg)	0.528
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Basic load ratings(duplex bearing) (N)

Cr	69500
Cor	63500

Basic load ratings(duplex bearing) (kgf)

Cr	7100
Cor	6450

Limiting Speed(duplex bearing) (rpm)

Graxa	9500
Óleo	13000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	38.7
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face-to-face arrangement	1.3
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Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	85
rb (max)	0.6

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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