

Single Row Angular Contact Ball Bearings

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



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7210B
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	37500
Cor	28600

Classificações básicas de carga (kgf)

Cr	3800
Cor	2920

Valor

fo	15.4
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Velocidade limite (rpm)

Graxa	5600
Óleo	8000

Distance of action point(mm)

uma	39.4
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Abutment and fillet dimensions

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

Peso

(kg)	0.477
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Basic load ratings(duplex bearing) (N)

Cr	60500
Cor	57000

Basic load ratings(duplex bearing) (kgf)

Cr	6200
Cor	5850

Limiting Speed(duplex bearing) (rpm)

Graxa	4500
Óleo	6300

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	78.7
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face-to-face arrangement	38.7
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Installation dimensions(duplex bearing)

db (min)	55
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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