

Single Row Angular Contact Ball Bearings

7200 Series-7221DT,7221DF,7221DB,7221A



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7221A
DB	7221DB
DF	7221DF
DT	7221DT

Dimensões principais (mm)

d	105
D	190
B	36
r (min)	2.1
r1(min)	1.1

Basic load ratings(N)

Cr	157000
Cor	142000

Classificações básicas de carga (kgf)

Cr	16000
Cor	14400

Valor

fo	15
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Velocidade limite (rpm)

Graxa	3800
Óleo	5000

Distance of action point(mm)

uma	60.6
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Abutment and fillet dimensions

da (min)	117
Da (max)	178
ra (max)	2

Peso

(kg)	3.84
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Basic load ratings(duplex bearing) (N)

Cr	254000
Cor	283000

Basic load ratings(duplex bearing) (kgf)

Cr	25900
Cor	28900

Limiting Speed(duplex bearing) (rpm)

Graxa	3000
Óleo	4000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	121.2
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face-to-face arrangement	49.2
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Installation dimensions(duplex bearing)

db (min)	112
Db(max)	183
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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