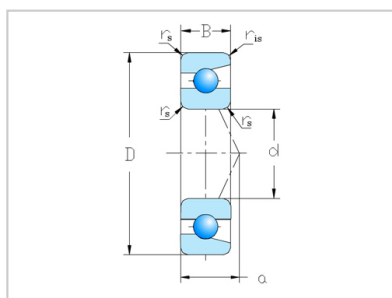


Single Row Angular Contact Ball Bearings

7200 Series-7220DT,7220DF,7220DB,7220B



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7220B
DB	7220DB
DF	7220DF
DT	7220DT

Dimensiones principales (mm)

D	100
D	180
B	34
r (min)	2.1
r1(min)	1.1

Basic load ratings(N)

Cr	130000
Cor	114000

Clasificaciones de carga básica (kgf)

Cr	13300
Cor	11700

Valor

fo	15.4
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Velocidad límite (rpm)

Grasa	2800
Petróleo	3800

Distance of action point(mm)

a	75.7
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Abutment and fillet dimensions

da (min)	112
Da (máx.)	168
ra (máximo)	2

Peso

(kg)	3.29
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Basic load ratings(duplex bearing) (N)

Cr	212000
Cor	229000

Basic load ratings(duplex bearing) (kgf)

Cr	21600
Cor	23300

Limiting Speed(duplex bearing) (rpm)

Grasa	2200
Petróleo	3000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	151.5
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face-to-face arrangement	83.5
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Installation dimensions(duplex bearing)

db (min)	107
Db(max)	173
rb (máximo)	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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