

Single Row Angular Contact Ball Bearings

7200 Series-7208DT,7208DF,7208DB,7208B



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7208B
DB	7208DB
DF	7208DF
DT	7208DT

Dimensiones principales (mm)

D	40
D	80
B	18
r (min)	1.1
r1(min)	0.6

Basic load ratings(N)

Cr	32000
Cor	23000

Clasificaciones de carga básica (kgf)

Cr	3250
Cor	2340

Valor

fo	15.1
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Velocidad límite (rpm)

Grasa	6700
Petróleo	9000

Distance of action point(mm)

a	34.2
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Abutment and fillet dimensions

da (min)	47
Da (máx.)	73
ra (máximo)	1

Peso

(kg)	0.383
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Basic load ratings(duplex bearing) (N)

Cr	52000
Cor	46000

Basic load ratings(duplex bearing) (kgf)

Cr	5300
Cor	4700

Limiting Speed(duplex bearing) (rpm)

Grasa	5300
Petróleo	7500

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	68.3
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face-to-face arrangement	32.3
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Installation dimensions(duplex bearing)

db (min)	45
Db(max)	75
rb (máximo)	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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