

Single Row Angular Contact Ball Bearings

7200 Series-7240DT,7240DF,7240DB,7240A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7240A
DB	7240DB
DF	7240DF
DT	7240DT

Dimensiones principales (mm)

D	200
D	360
B	58
r (min)	4
r1(min)	1.5

Basic load ratings(N)

Cr	335000
Cor	450000

Clasificaciones de carga básica (kgf)

Cr	34500
Cor	46000

Valor

fo	15.5
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Velocidad límite (rpm)

Grasa	1500
Petróleo	2000

Distance of action point(mm)

a	109.8
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Abutment and fillet dimensions

da (min)	218
Da (máx.)	342
ra (máximo)	3

Peso

(kg)	26.5
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Basic load ratings(duplex bearing) (N)

Cr	550000
Cor	900000

Basic load ratings(duplex bearing) (kgf)

Cr	56000
Cor	92000

Limiting Speed(duplex bearing) (rpm)

Grasa	1200
Petróleo	1600

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	219.6
face-to-face arrangement	103.6

Installation dimensions(duplex bearing)

db (min)	sesenta y cinco
Db(max)	351
rb (máximo)	1.5

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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