

Single Row Angular Contact Ball Bearings

7200 Series-7216DT,7216DF,7216DB,7216C



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7216C
DB	7216DB
DF	7216DF
DT	7216DT

Dimensiones principales (mm)

D	80
D	140
B	26
r (min)	2
r1(min)	1

Basic load ratings(N)

Cr	93000
Cor	77500

Clasificaciones de carga básica (kgf)

Cr	9450
Cor	7900

Valor

fo	14.8
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Velocidad límite (rpm)

Grasa	7500
Petróleo	10000

Distance of action point(mm)

a	27.7
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Abutment and fillet dimensions

da (min)	90
Da (máx.)	130
ra (máximo)	2

Peso

(kg)	1.64
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Basic load ratings(duplex bearing) (N)

Cr	151000
Cor	155000

Basic load ratings(duplex bearing) (kgf)

Cr	15400
Cor	15800

Limiting Speed(duplex bearing) (rpm)

Grasa	6000
Petróleo	8000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	55.5
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face-to-face arrangement	3.5
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Installation dimensions(duplex bearing)

db (min)	sesenta y cinco
Db(max)	134
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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