

Single Row Angular Contact Ball Bearings

7200 Series-7219DT,7219DF,7219DB,7219C



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7219C
DB	7219DB
DF	7219DF
DT	7219DT

Dimensões principais (mm)

d	95
D	170
B	32
r (min)	2.1
r1(min)	1.1

Basic load ratings(N)

Cr	133000
Cor	112000

Classificações básicas de carga (kgf)

Cr	13500
Cor	11400

Valor

fo	14.6
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Velocidade limite (rpm)

Graxa	6000
Óleo	8500

Distance of action point(mm)

uma	33.7
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Abutment and fillet dimensions

da (min)	107
Da (max)	158
ra (max)	2

Peso

(kg)	3.05
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Basic load ratings(duplex bearing) (N)

Cr	216000
Cor	224000

Basic load ratings(duplex bearing) (kgf)

Cr	22000
Cor	22800

Limiting Speed(duplex bearing) (rpm)

Graxa	4800
Óleo	6700

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	67.5
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face-to-face arrangement	3.5
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Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	163
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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