

Single Row Angular Contact Ball Bearings

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



BEARING

WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7219A
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	128000
Cor	111000

Classificações básicas de carga (kgf)

Cr	13000
Cor	11300

Valor

fo	15
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Velocidade limite (rpm)

Graxa	4300
Óleo	5600

Distance of action point(mm)

uma	54.2
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Abutment and fillet dimensions

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

Peso

(kg)	2.68
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Basic load ratings(duplex bearing) (N)

Cr	208000
Cor	221000

Basic load ratings(duplex bearing) (kgf)

Cr	21200
Cor	22600

Limiting Speed(duplex bearing) (rpm)

Graxa	3400
Óleo	4500

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	108.5
face-to-face arrangement	44.5

Installation dimensions(duplex bearing)

db (min)	102
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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