

Single Row Angular Contact Ball Bearings

7200 Series-7222DT,7222DF,7222DB,7222C



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7222C
DB	7222DB
DF	7222DF
DT	7222DT

Dimensões principais (mm)

d	110
D	200
B	38
r (min)	2.1
r1(min)	1.1

Basic load ratings(N)

Cr	176000
Cor	160000

Classificações básicas de carga (kgf)

Cr	17900
Cor	16300

Valor

fo	14.5
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Velocidade limite (rpm)

Graxa	5000
Óleo	7100

Distance of action point(mm)

uma	39.8
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Abutment and fillet dimensions

da (min)	122
Da (max)	188
ra (max)	2

Peso

(kg)	5.1
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Basic load ratings(duplex bearing) (N)

Cr	286000
Cor	320000

Basic load ratings(duplex bearing) (kgf)

Cr	29200
Cor	32500

Limiting Speed(duplex bearing) (rpm)

Graxa	4000
Óleo	5600

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	79.5
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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)	193
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

Wuxi Guangqiang Bearing Trade Co.,Ltd-Tel:86-510-82601571-Email:gq@gqbearing.com,shary@gqbearing.com-http://www.bearing-asia.com