

Single Row Angular Contact Ball Bearings

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



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7222A
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	170000
Cor	158000

Classificações básicas de carga (kgf)

Cr	17300
Cor	16100

Valor

fo	15.2
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Velocidade limite (rpm)

Graxa	3600
Óleo	4800

Distance of action point(mm)

uma	63.7
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Abutment and fillet dimensions

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

Peso

(kg)	4.49
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Basic load ratings(duplex bearing) (N)

Cr	276000
Cor	315000

Basic load ratings(duplex bearing) (kgf)

Cr	28100
Cor	32500

Limiting Speed(duplex bearing) (rpm)

Graxa	2800
Óleo	4000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	127.5
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face-to-face arrangement	51.6
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Installation dimensions(duplex bearing)

db (min)	117
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

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