

Single Row Angular Contact Ball Bearings

7200 Series-7228DT,7228DF,7228DB,7228B



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7228B
DB	7228DB
DF	7228DF
DT	7228DT

Dimensões principais (mm)

d	140
D	250
B	42
r (min)	3
r1(min)	1.1

Basic load ratings(N)

Cr	197000
Cor	213000

Classificações básicas de carga (kgf)

Cr	20100
Cor	21700

Valor

fo	15.6
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Velocidade limite (rpm)

Graxa	2000
Óleo	2800

Distance of action point(mm)

uma	102.8
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Abutment and fillet dimensions

da (min)	154
Da (max)	236
ra (max)	2.5

Peso

(kg)	8.94
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Basic load ratings(duplex bearing) (N)

Cr	320000
Cor	425000

Basic load ratings(duplex bearing) (kgf)

Cr	32500
Cor	43500

Limiting Speed(duplex bearing) (rpm)

Graxa	1600
Óleo	2200

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	205.6
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face-to-face arrangement	121.6
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Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	243
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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