

Single Row Angular Contact Ball Bearings

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



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7228A
DB	7228DB
DF	7228DF
DT	7228DT

Dimensiones principales (mm)

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

Basic load ratings(N)

Cr	218000
Cor	234000

Clasificaciones de carga básica (kgf)

Cr	22300
Cor	23900

Valor

fo	15.2
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Velocidad límite (rpm)

Grasa	2200
Petróleo	3000

Distance of action point(mm)

a	77.3
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Abutment and fillet dimensions

da (min)	154
Da (máx.)	236
ra (máximo)	2.5

Peso

(kg)	8.92
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Basic load ratings(duplex bearing) (N)

Cr	355000
Cor	470000

Basic load ratings(duplex bearing) (kgf)

Cr	36000
Cor	48000

Limiting Speed(duplex bearing) (rpm)

Grasa	1800
Petróleo	2400

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	154.6
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face-to-face arrangement	70.6
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Installation dimensions(duplex bearing)

db (min)	sesenta y cinco
Db(max)	243
rb (máximo)	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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