

Single Row Angular Contact Ball Bearings

7200 Series-7218DT,7218DF,7218DB,7218A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7218A
DB	7218DB
DF	7218DF
DT	7218DT

Dimensiones principales (mm)

D	90
D	160
B	30
r (min)	2
r1(min)	1

Basic load ratings(N)

Cr	118000
Cor	103000

Clasificaciones de carga básica (kgf)

Cr	12000
Cor	10500

Valor

fo	15.1
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Velocidad límite (rpm)

Grasa	4500
Petróleo	6000

Distance of action point(mm)

a	51.1
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Abutment and fillet dimensions

da (min)	100
Da (máx.)	150
ra (máximo)	2

Peso

(kg)	2.25
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Basic load ratings(duplex bearing) (N)

Cr	191000
Cor	206000

Basic load ratings(duplex bearing) (kgf)

Cr	19500
Cor	21000

Limiting Speed(duplex bearing) (rpm)

Grasa	3600
Petróleo	5000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	102.2
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face-to-face arrangement	42.2
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Installation dimensions(duplex bearing)

db (min)	96
Db(max)	154
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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