

Single Row Angular Contact Ball Bearings

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



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7218C
DB	7218DB
DF	7218DF
DT	7218DT

Dimensões principais (mm)

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

Basic load ratings(N)

Cr	123000
Cor	105000

Classificações básicas de carga (kgf)

Cr	12500
Cor	10700

Valor

fo	14.6
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Velocidade limite (rpm)

Graxa	6300
Óleo	9000

Distance of action point(mm)

uma	31.7
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Abutment and fillet dimensions

da (min)	100
Da (max)	150
ra (max)	2

Peso

(kg)	2.51
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Basic load ratings(duplex bearing) (N)

Cr	199000
Cor	209000

Basic load ratings(duplex bearing) (kgf)

Cr	20300
Cor	21400

Limiting Speed(duplex bearing) (rpm)

Graxa	5300
Óleo	7100

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	63.5
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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)	154
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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