

Single Row Angular Contact Ball Bearings

7200 Series-7207DT,7207DF,7207DB,7207C



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7207C
DB	7207DB
DF	7207DF
DT	7207DT

Dimensões principais (mm)

d	35
D	72
B	17
r (min)	1.1
r1(min)	0.6

Basic load ratings(N)

Cr	30500
Cor	19900

Classificações básicas de carga (kgf)

Cr	3100
Cor	2030

Valor

fo	14
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Velocidade limite (rpm)

Graxa	15000
Óleo	20000

Distance of action point(mm)

uma	15.7
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Abutment and fillet dimensions

da (min)	42
Da (max)	65
ra (max)	1

Peso

(kg)	0.32
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Basic load ratings(duplex bearing) (N)

Cr	49500
Cor	40000

Basic load ratings(duplex bearing) (kgf)

Cr	5050
Cor	4050

Limiting Speed(duplex bearing) (rpm)

Graxa	12000
Óleo	17000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	31.3
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face-to-face arrangement	2.7
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Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	67
rb (max)	0.6

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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