

Single Row Angular Contact Ball Bearings

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



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7207A
DB	7207DB
DF	7207DF
DT	7207DT

Dimensiones principales (mm)

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

Basic load ratings(N)

Cr	29700
Cor	20100

Clasificaciones de carga básica (kgf)

Cr	3050
Cor	2050

Valor

fo	14.7
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Velocidad límite (rpm)

Grasa	10000
Petróleo	14000

Distance of action point(mm)

a	23.9
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Abutment and fillet dimensions

da (min)	42
Da (máx.)	65
ra (máximo)	1

Peso

(kg)	0.287
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Basic load ratings(duplex bearing) (N)

Cr	48500
Cor	40000

Basic load ratings(duplex bearing) (kgf)

Cr	4900
Cor	4100

Limiting Speed(duplex bearing) (rpm)

Grasa	8500
Petróleo	12000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	47.9
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face-to-face arrangement	13.9
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Installation dimensions(duplex bearing)

db (min)	40
Db(max)	67
rb (máximo)	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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