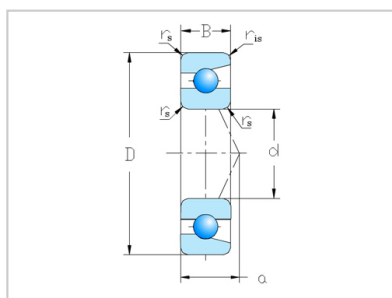


Single Row Angular Contact Ball Bearings

7200 Series-7204DT,7204DF,7204DB,7204A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7204A
DB	7204DB
DF	7204DF
DT	7204DT

Dimensiones principales (mm)

D	20
D	47
B	14
r (min)	1
r1(min)	0.6

Basic load ratings(N)

Cr	14500
Cor	8300

Clasificaciones de carga básica (kgf)

Cr	1480
Cor	845

Valor

fo	13.8
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Velocidad límite (rpm)

Grasa	17000
Petróleo	22000

Distance of action point(mm)

a	16.7
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Abutment and fillet dimensions

da (min)	26
Da (máx.)	41
ra (máximo)	1

Peso

(kg)	0.106
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Basic load ratings(duplex bearing) (N)

Cr	23500
Cor	16600

Basic load ratings(duplex bearing) (kgf)

Cr	2400
Cor	1690

Limiting Speed(duplex bearing) (rpm)

Grasa	13000
Petróleo	19000

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	33.3
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face-to-face arrangement	5.3
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Installation dimensions(duplex bearing)

db (min)	25
Db(max)	42
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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