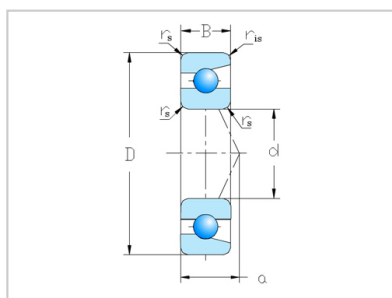


Single Row Angular Contact Ball Bearings

7200 Series-7214DT,7214DF,7214DB,7214A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7214A
DB	7214DB
DF	7214DF
DT	7214DT

Dimensiones principales (mm)

D	70
D	125
B	24
r (min)	1.5
r1(min)	1

Basic load ratings(N)

Cr	76500
Cor	63500

Clasificaciones de carga básica (kgf)

Cr	7800
Cor	6500

Valor

fo	15
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Velocidad límite (rpm)

Grasa	5600
Petróleo	8000

Distance of action point(mm)

a	40.1
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Abutment and fillet dimensions

da (min)	79
Da (máx.)	116
ra (máximo)	1.5

Peso

(kg)	1.11
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Basic load ratings(duplex bearing) (N)

Cr	124000
Cor	127000

Basic load ratings(duplex bearing) (kgf)

Cr	12600
Cor	13000

Limiting Speed(duplex bearing) (rpm)

Grasa	4500
Petróleo	6300

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	80.3
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face-to-face arrangement	32.3
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Installation dimensions(duplex bearing)

db (min)	76
Db(max)	119
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

Wuxi Guangqiang Bearing Trade Co.,Ltd-Tel:86-510-82601571-Email:gq@gqbearing.com,shary@gqbearing.com-http://www.bearing-asia.com