

Single Row Angular Contact Ball Bearings

7200 Series-7220DT,7220DF,7220DB,7220A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7220A
DB	7220DB
DF	7220DF
DT	7220DT

Dimensiones principales (mm)

D	100
D	180
B	34
r (min)	2.1
r1(min)	1.1

Basic load ratings(N)

Cr	144000
Cor	126000

Clasificaciones de carga básica (kgf)

Cr	14700
Cor	12800

Valor

fo	15
----	----

Velocidad límite (rpm)

Grasa	4000
Petróleo	5300

Distance of action point(mm)

a	57.4
---	------

Abutment and fillet dimensions

da (min)	112
Da (máx.)	168
ra (máximo)	2

Peso

(kg)	3.22
------	------

Basic load ratings(duplex bearing) (N)

Cr	233000
Cor	251000

Basic load ratings(duplex bearing) (kgf)

Cr	23800
Cor	25600

Limiting Speed(duplex bearing) (rpm)

Grasa	3200
Petróleo	4300

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	114.8
-----------------------------	-------

face-to-face arrangement	46.8
-----------------------------	------

Installation dimensions(duplex bearing)

db (min)	107
Db(max)	173
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