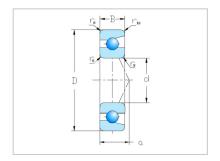
## Single Row Angular Contact Ball Bearings

7200 Series-7219DT,7219DF,7219DB,7219A







## WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers	
Single row	7219A
DB	7219DB
DF	7219DF
DT	7219DT
Dimensões principais (mm)	
d	95
D	170
В	32
r (min)	2.1
r1(min)	1.1
Basic load ratings(N)	
Cr	128000
Cor	111000
Classificações básicas d	
Cr	13000
Cor	11300
Valor	
fo	15
Velocidade limite (rpm)	
Graxa	4300
Óleo	5600
Distance of action point	
uma	54.2
Abutment and fillet dimensions	
da (min)	107
Da (max)	158
ra (max)	2
Peso	
(kg)	2.68
Basic load ratings(duple	ex bearing) (N)
Cr	208000
Cor	`221000
Basic load ratings(duplex bearing) (kgf)	
Cr	21200
Cor	22600
Limiting Speed(duplex bearing) (rpm)	
Graxa	3400
Óleo	4500
Distance of action point	(duplex bearing)(a0)
back-to-back	108.5
arrangement	
face-to-face	44.5
arrangement	
Installation dimensions(duplex bearing)	
db (min)	102
Db(max)	163
rb (max)	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

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