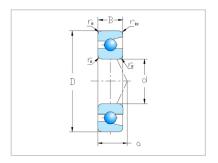
## Single Row Angular Contact Ball Bearings

## 7000 Series-7001DT,7001DF,7001DB,7001A







## WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers	
Single row	7001A
DB	7001DB
DF	7001DF
DT	7001DT
Dimensões principais (mm)	
d	12
D	28
В	8
r (min)	0.3
r1(min)	0.15
Basic load ratings(N)	
Cr	5800
Cor	2980
Classificações básicas d	
Cr	590
Cor	305
Valor	
fo	13.8
Velocidade limite (rpm)	
Graxa	28000
Óleo	38000
Distance of action point	(mm)
uma	9.8
Abutment and fillet dimensions	
da (min)	14.5
Da (max)	25.5
ra (max)	0.3
Peso	
(kg)	0.021
Basic load ratings(duple	ex bearing) (N)
Cr	9400
Cor	5950
Basic load ratings(duple	ex bearing) (kgf)
Cr	955
Cor	610
Limiting Speed(duplex bearing) (rpm)	
Graxa	22000
Óleo	30000
Distance of action point	(duplex bearing)(a0)
back-to-back	19.5
arrangement	
face-to-face	3.5
arrangement	
Installation dimensions(duplex bearing)	
db (min)	13.2
Db(max)	26.8
rb (max)	0.15

## **GQZ** high quality 7000 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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