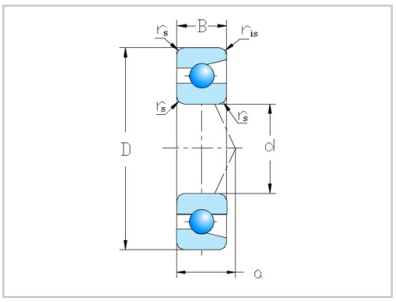
Single Row Angular Contact Ball Bearings

7000 Series-7001DT,7001DF,7001DB,7001C





WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers	
Single row	**7001C**
DB	**7001DB**
DF	**7001DF**
DT	**7001DT**
Dimensões principais (mm)	
d	12
D	28
B	8
r (min)	0.3
r1(min)	0.15
Basic load ratings(N)	
Cr	5800
Cor	2900
Classificações básicas de carga (kgf)	
Cr	590
Cor	296
Valor	
fo	13.5
Velocidade limite (rpm)	
Graxa	40000
Óleo	56000
Distance of action point(mm)	
uma	6.7
Abutment and fillet dimensions	
da (min)	14.5
Da (max)	25.5
ra (max)	0.3
Peso	
(kg)	0.024
Basic load ratings(duplex bearing) (N)	
Cr	9400
Cor	5800
Basic load ratings(duplex bearing) (kgf)	
Cr	960
Cor	590
Limiting Speed(duplex bearing) (rpm)	
Graxa	32000
Óleo	45000
Distance of action point (duplex bearing)(a0)	
back-to-back arrangement	13.4
face-to-face arrangement	2.6
Installation dimensions(duplex bearing)	
db (min)	1-1 / 16
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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