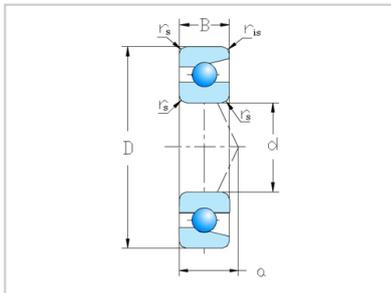


Single Row Angular Contact Ball Bearings

7000 Series-7021DT,7021DF,7021DB,7021K



Bearing Numbers	
Single row	7021K
DB	7021DB
DF	7021DF
DT	7021DT
Dimensões principais (mm)	
d	105
D	160
B	26
r (min)	2
r1(min)	1
Basic load ratings(N)	
Cr	88000
Cor	89600
Classificações básicas de carga (kgf)	
Cr	9000
Cor	9100
Valor	
fo	15.8
Velocidade limite (rpm)	
Graxa	6000
Óleo	8500
Distance of action point(mm)	
uma	30.7
Abutment and fillet dimensions	
da (min)	115
Da (max)	150
ra (max)	2
Peso	
(kg)	1.82
Basic load ratings(duplex bearing) (N)	
Cr	143000
Cor	179000
Basic load ratings(duplex bearing) (kgf)	
Cr	14600
Cor	18200
Limiting Speed(duplex bearing) (rpm)	
Graxa	4800
Óleo	6700
Distance of action point (duplex bearing)(a0)	
back-to-back	61.5
arrangement	
face-to-face	9.5
arrangement	
Installation dimensions(duplex bearing)	
db (min)	1-1 / 16
Db(max)	154
rb (max)	1

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

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