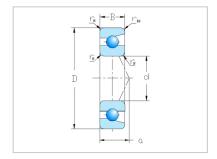
## Single Row Angular Contact Ball Bearings

7000 Series-7010DT,7010DF,7010DB,7010C





BEARING

## WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers		
Single row	7010C	
DB	7010DB	
DF	7010DF	
DT	7010DT	
Dimensões principais (mm)		
d	50	
D	80	
B	16	
r (min)	1	
r1(min)	0.6	
Basic load ratings(N)	0.0	
Cr	26000	
Cor	21900	
Classificações básicas de	2650	
Cr	2230	
Cor	2230	
Valor	15.0	
fo	15.9	
Velocidade limite (rpm)	12000	
Graxa	12000	
Óleo	17000	
Distance of action point		
uma	16.7	
Abutment and fillet dime		
da (min)	56	
Da (max)	74	
ra (max)	1	
Peso		
(kg)	0.293	
Basic load ratings(duple	x bearing) (N)	
Cr	42000	
Cor	44000	
Basic load ratings(duple	x bearing) (kgf)	
Cr	4300	
Cor	4450	
Limiting Speed(duplex bearing) (rpm)		
Graxa	10000	
Óleo	14000	
Distance of action point	(duplex bearing)(a0)	
back-to-back	33.4	
arrangement		
face-to-face	1.4	
arrangement		
Installation dimensions(duplex bearing)		
db (min)	1-1 / 16	
Db(max)	75	
rb (max)	0.6	
	0.0	

## 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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