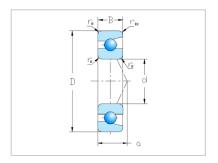
Single Row Angular Contact Ball Bearings

7000 Series-7003DT,7003DF,7003DB,7003A







WUXI GUANGQIANG BEARING TRADE CO.,LTD

Descripe Numbers	
Bearing Numbers	70024
Single row	7003A
DB DF	7003DB 7003DF
	7003DT
DT	
Dimensões principais (mm)	
d	17
D	35
В,	10
r (min)	0.3
r1(min)	0.15
Basic load ratings(N)	
Cr	6400
Cor	3800
Classificações básicas d	
Cr	655
Cor	390
Valor	
fo	14.9
Velocidade limite (rpm)	
Graxa	22000
Óleo	30000
Distance of action point	(mm)
uma	12.5
Abutment and fillet dimensions	
da (min)	19.5
Da (max)	32.5
ra (max)	0.3
Peso	
(kg)	0.04
Basic load ratings(duple	ex bearing) (N)
Cr	10400
Cor	7650
Basic load ratings(duple	
Cr	1060
Cor	780
Limiting Speed(duplex b	
Graxa	17000
Óleo	24000
Distance of action point	
back-to-back	25
arrangement	23
face-to-face	5
arrangement	3
Installation dimensions(duplex bearing)	
	18.2
db (min)	
Db(max)	33.8
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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