

Single Row Angular Contact Ball Bearings

7000 Series-7015DT,7015DF,7015DB,7015C



WUXI GUANGQIANG BEARING TRADE CO.,LTD

Bearing Numbers

Single row	7015C
DB	7015DB
DF	7015DF
DT	7015DT

Dimensões principais (mm)

d	75
D	115
B	20
r (min)	1.1
r1(min)	0.6

Basic load ratings(N)

Cr	48000
Cor	45500

Classificações básicas de carga (kgf)

Cr	4900
Cor	4650

Valor

fo	15.9
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Velocidade limite (rpm)

Graxa	8500
Óleo	12000

Distance of action point(mm)

uma	22.7
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Abutment and fillet dimensions

da (min)	82
Da (max)	108
ra (max)	1

Peso

(kg)	0.748
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Basic load ratings(duplex bearing) (N)

Cr	78000
Cor	91500

Basic load ratings(duplex bearing) (kgf)

Cr	7950
Cor	9300

Limiting Speed(duplex bearing) (rpm)

Graxa	6700
Óleo	9500

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	45.4
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face-to-face arrangement	5.4
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Installation dimensions(duplex bearing)

db (min)	1-1 / 16
Db(max)	110
rb (max)	0.6

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